ANNUAL REPORT

OF THE OFFICERS OF THE

TOWN OF WATERTOWN,

FOR THE

YEAR ENDING JANUARY 31, 1885.

WATERTOWN:
FRED. G. BARKER, STEAM PRINTER.
1885.
CHARLES H. BRIGHAM.      1886.
A. G. FITCH.               1886.
JOSHUA C. STONE.           1887.
REV. ROBERT P. STACK.      1887.

*Chosen to fill vacancy caused by resignation of J. J. Sullivan. - Resignation accepted April 23, 1884.
POPULATION.

The whole number of inhabitants of Watertown, as per United States Census of 1880, was 5,426.

TOWN OFFICERS. 1884.

Selectmen, Overseers of the Poor and Appraisers.

OLIVER SHAW, Chairman. JAMES W. MAGEE.

*ABRAHAM L. RICHARDS, Clerk.

Town Clerk.
WILLIAM H. INGRAHAM.

Town Treasurer.
JOHN K. STICKNEY.

Assessors.
WILLIAM H. INGRAHAM, Chairman. FRANK M. KELLY.

JAMES F. LYNCH.

School Committee.

ABRAHAM L. RICHARDS, Chairman. Term expires March, 1885.
CHARLES W. STONE, Clerk. " " 1885.
CHARLES H. BRIGHAM. " " 1886.
A. G. FITCH. " " 1886.
JOSHUA C. STONE. " " 1887.
REV. ROBERT P. STACK. " " 1887.

Auditor.
HOWARD RUSSELL.

*Chosen to fill vacancy caused by resignation of J. J. Sullivan. Resignation accepted April 23, 1884.
TOWN OFFICERS.

Constables.
GEORGE PARKER. EZRUM V. HOWARD.
HIRAM McGLAUFLIN.

Surveyor of Highways.
CHARLES F. JACKSON.

Collector of Taxes.
WILLIAM E. FARWELL.

Fence-Viewers.
GEORGE PARKER. BRADSHAW WHITNEY.
LUTHER BENT.

Trustees Free Public Library.
JOSHUA COOLIDGE, Chairman. Term expires 1886.
WILLIAM CUSHING, Secretary. " " 1885.
ROBERT P. STACK, Treasurer. " " 1885.
GEORGE N. MARCH. " " 1886.
Rev. EDWARD A. RAND. " " 1887.

Field Drivers.
FERGUS B. GALLAGHER, NATHAN B. HARTFORD,
HERBERT H. SAWSYER, CHARLES L. WOODWARD,
THOMAS EMERSON, THOMAS GREENHALGH,
AUSTIN G. FITCH, HENRY COLLINS,
GEORGE PARKER, EZRUM V. HOWARD,
ZACHARIAH BOODY.

Officers Appointed by the Selectmen.

Regular Policemen.
GEORGE PARKER, EZRUM V. HOWARD.
THOMAS LYONS, JR., DANIEL H. COONEY.

*By vote of the Town, vacancies in the Board of Trustees of Public Library, to be filled by other members of the Board.
TOWN OFFICERS.

Policemen specially appointed, with pay when on duty.

PATRICK J. FLANNERY, MICHAEL CARROLL,
MICHAEL W. LYONS, JAMES F. BURKE,
ANDREW H. STONE.

Policemen appointed without pay.

CHAS. H. LOUGEE, JOS. COLLINS,
GEO. H. GREGG, HENRY P. HUBBARD,
HIRAM McGLAUF LIN, GEO. F. ROBINSON,
JAMES D. EVANS, JAMES HENTHORN, Newton,
LINUS A. SHAW, H. M. E LLI S , Belmont,
H. N. HEYWOOD, E. O. DAVIS, Newton,
DAVID CHENERY, Jr., Belmont, GEO. F. BAKER, Newton,
CHARLES L. NYE, WM. EMERSON, Newton,
HORACE D. KING, J. H. L. COON.

Inspector of Oil.

ROBERT L. DAVIS.

Engineers of Fire Department.

JOHN ADDISON YORK, Chief. MICHAEL CARROLL, 2d Clerk.
BRADFORD HOLBROOK.

Keeper of Lock-up.

JOHN H. HOLT.

Sextons and Undertakers.

ALEXANDER GREGG. GEORGE H. GREGG.

Pound-keeper and Keeper of Almshouse.

ZACHARIAH BOODY.

Sealer of Weights and Measures.

GEORGE H. GREGG.

Surveyors and Measurers of Wood and Bark.

CHARLES W. BERRY, HARRY E. DADMUN,
WILLIAM H. PEVEAR, JOHN J. GAVIN.
TOWN OFFICERS.

Clerks of the Markets.

EZRUM V. HOWARD.       GEORGE PARKER.

Measurers of Grain.

WILLIAM H. PERKINS.     JAMES W. MAGEE.
ROBERT LINDSEY.

Public Weigher, and Superintendent of Hay Scales.

THOMAS PATTEN.

Private Weighers of Hay, Coal, Live Animals, etc.

WILLIAM H. PEVEAR,      WILLIAM P. HARRIS,
JOHN J. GAVIN,          A. D. HENDERSON,
GEORGE H. DAY,          WALDO A. LEARNED,
FRED H. EATON,          JAMES H. FLAGG,
HARRY E. DADMUN.

Janitor of Town Hall.

GEORGE H. GREGG.
SELECTMEN'S REPORT.

There has been an unusual tax upon the time and attention of the Selectmen the past year, caused in part by the vote of the town instructing them to endeavor to procure from the Legislature a satisfactory bill authorizing the town to introduce water in and through its streets. That effort proving unsuccessful, a private company succeeded in procuring a charter for that object, and upon the Board devolved the duty of locating fourteen miles of pipes and of placing one hundred and thirty-five hydrants along said line in such manner as would best serve the interest and safety of the town. The proposition of the Watertown Water Supply Company for laying the pipes and furnishing the hydrants with a full supply of good water for the use of the town, and the contract signed and executed by the Board of Selectmen on the part of the town with the company, will be found accompanying this report.

Fire Department.

In consequence of the declination of further service on account of ill health of Charles W. Berry, who had served as Chief Engineer for a number of years, and whose efficient services should be gratefully remembered, John A. York was selected to fill the position of Chief, and Bradford Holbrook was appointed to fill the existing vacancy in the Board of Engineers. So thorough and complete has been this organization in the past, that changes like this can be made without apparently affecting the efficiency of the department.

The ordinary wants of this department are stated in the Engineers' Report, to which your attention is called, but the location of the one hundred and thirty-five hydrants and the supply of water to be derived from them for fire purposes, will undoubtedly
call for special care and oversight from the heads of the Department.

*Street Department.*

Russell avenue was the only new street laid out and accepted by the town during the year.

The petition for the laying out of Waverly street and for building a bridge over the Fitchburg Branch Railroad on that street, and also on White's avenue, are still before the Board and have received due consideration. But no satisfactory action can be taken upon either of the above until the grade of the Fitchburg Railroad is established in accordance with the new plan as now proposed for the necessary grade of our streets, and bridges cannot be established without direct reference to the grade of the railroad track. We are assured by the railroad corporation, that the new plan and grade shall be forthcoming at an early day, and we would urge upon the new Board of Selectmen, prompt action in this matter, for as long as these streets remain in their present condition they are sources of great danger to all persons who have occasion to cross the railroad track at either place, and already serious accidents have occurred there. A petition for the further extension of Garfield street will also call for their immediate attention.

*Bridges and Culverts.*

The bridge over the canal on Galen street has been rebuilt, and the two bridges on the street leading to the island near the Paper Mill have been thoroughly repaired, and we think that the requirements of this department will be much less for the current year than they have been in the past.

*Sidewalks.*

Concrete walks have been laid the past year on Garfield, Centre, Phillips, Marshall, Common and Mount Auburn streets; in front of the Misses Whitneys' and Mr. J. G. Barker's, and on Main street with curbstone from the Gristmill to Riverside place; also
on Riverside place as far as the estate of William L. Stiles. The sidewalk on the northwesterly side of Church street, from the Fitchburg railroad station to Palfrey street has been recoated, and several street crossings have been laid where thought necessary.

There are at the present time no petitions before the Board for further concrete walks, and we think a smaller sum than usual will meet the wants of this department.

_Town House Alterations._

The changes made in the rooms on the first floor of the Town House furnish ample accommodations for all of the town officers. The front room has been assigned to the School Committee, a very desirable and much needed change from their former room; a large and convenient room with vault and safe, for the Selectmen and Town Clerk; the room formerly used by the Selectmen now assigned to Assessors and Registrars, and in rear of these rooms a room for Hook and Ladder and Hose Company, giving also sleeping accommodations for the engineer and fireman, who are constantly at the house on duty, are the improvements made by this change.

_Police._

The service of this department for the past year has been satisfactory. The regular force has been increased from two to four men. The officers appointed the last year were assigned duty as follows: one to the east part of the town from Garfield street, the hours being from two o'clock P. M. to two o'clock A. M.: the other officer to night duty in connection with the older officers of the regular force who alternate in day and night service. The special officers have nearly the assignments of duty of last year.

In January, 1885, a special officer was appointed on application of the proprietor of the Skating Rink, to act in and about the building without pay from the town.

The plan of police service, with the exception of the two additional appointments, is the same as in former years, and "has been adopted on the assumption that it secured for all parts of the town, sufficient police oversight and protection."
Titcomb Estate.

The "Titcomb House," so called, was sold at public auction as per vote of the town. The proceeds of the sale were placed with the Town Treasurer, except a small sum which was expended in grading. (See Auditor's report).

Before a further expenditure of the money was made, we thought it necessary that a plan for laying out the grounds and grading the same should be made, to thereby avoid a useless expenditure in the work. In the completion of this work, the location of the bridge over the railroad on White's avenue, as well as the grounds around the new school house now in process of erection on the estate, should receive due consideration.

Winchester Estate.

Agreeable to the vote of the town, passed at our last Town Meeting, the Selectmen forwarded to the mayor of Cambridge, the proposition to consent to the setting off of the Winchester estate from Watertown, including Coolidge avenue, as far as the estate of William W. Treat, Esq., and annexing the same to the city of Cambridge (that city having opened negotiations for the purchase of the estate for burial purposes, and having also introduced into the present Legislature a bill for that purpose), upon the receipt from Cambridge of the sum of fifteen thousand dollars. In due time we received from the mayor a communication, saying that the city, by its other branches in concurrence, had accepted the offer, and if the bill now before the Legislature became a law, the city would pay to Watertown the above amount within thirty days from date of passage. Your Board waived the serving of notice upon the town, and consented to the passage of the bill, and we have no doubt the above sum will be paid over within a short time. Upon the receipt of the above sum, we would recommend that it be appropriated to pay off the note for $5,000 becoming due April 1, 1885, and also all the notes of the town now due, or due upon demand, amounting in the aggregate to the sum of $7,300.
Claims.

The long pending question of Arsenal street with the claim of Mr. Gilkey for damages for widening the same, which was referred to Mr. Tyler, has been reported upon by the referee and his report returned to the Supreme Court. No decision has, as yet, been reported to the town.

An action has been commenced against the town by James F. Blackinton, for damages resulting from a fall caused by an alleged defect in the sidewalk, near the house of Mr. Kellen on Palfrey street. The writ was made returnable the second Monday of March. We have instructed counsel to take charge of the case until the town takes action upon it.

Street Lights.

We have added six new posts and lights to the number in use, the whole number now being 235, of which 100 are lighted by gas, and 135 by oil, by the Wheeler Reflector Company, who are giving very good satisfaction. The price charged for gas is $18.00 per post per year; the price charged by the Wheeler Reflector Company is $12.00 per post per year.

The Town Improvement Society have submitted their report to the Selectmen, and we lay the same before the town for its consideration.

We make no recommendation for the supply of fuel for the current year, thinking that each department should provide for its own wants. We have recommended an additional grant to each for that purpose.
PROPOSITION AND CONTRACT OF THE WATERTOWN WATER SUPPLY COMPANY.

**Proposition.**

Believing that the replies made to your committee are less specific than will be satisfactory to the citizens, we hereby withdraw them, and offer the following as amending and explaining the original offer to the Town:—

The Watertown Water Supply Company will erect suitable buildings and build suitable filtering galleries, place therein a steam pump of the capacity of 1,000,000 gallons per day, with an auxiliary pump of the capacity of 500,000 gallons per day, build a reservoir equal to that at Haverhill, Mass., at an elevation which shall give a full supply of water to all the houses on White's Hill. The system to be the metallic reservoir and direct pumping plan. The water will be taken daily from the filtering gallery and pumped through the entire piping, the surplus finding its way into the reservoir. In this plan you have water at a low temperature fresh daily, and free from impurities, as in the impounding system. And will lay fourteen miles of pipes of wrought iron, cement lined, and of cast iron, in such proportions as the Water Company may deem for the mutual interests of their stockholders and of the Town, said pipes to be of the following sizes:—

Twelve thousand feet of 14-inch, 6,000 feet of 12-inch, 4,000 feet of 10-inch, 8,000 feet of 8-inch, 40,000 feet of 6-inch, 4,000 feet of 4-inch,—14 miles and 80 feet—in the following-named streets: Arlington, 300 feet, Arsenal to Irving, Bridge, Bigelow Avenue, Boyd, Centre, Church, Chestnut, Cross, Cuba, Elm to J. E. Scott's house, Elton Avenue, Fayette, Franklin, Galen, Green, Garnet, Irving, Island, Lexington, at
Waverly end, Main to railroad bridge, Maple, Market to Irving, Marshall, Morse, Mt. Auburn to Cambridge line, Myrtle, Nichols Avenue, old road to Waltham to Bridge Street, part of Orchard, Palfrey to top of the hill, Parker, Patten, Phillips, Pleasant, Riverside Place, Spring, Summer, Taylor, Walnut, Water, part of Watertown, White, Whitney, Winter, Fifth Avenue, and such of the unaccepted streets on Bacon Hill, at the sand banks, and other portions of the town reached by the above system of pipes, and such other streets as it will require to make up the fourteen miles on which there would be water takers, and to facilitate circulation, and place on said pipes one hundred and thirty-five three-nozzle hydrants, with necessary gates, stops, blowouts, etc., etc.; and will extend the pipes to such other parts of the town as the town may direct, for the sum of $35.00 per annum for one hydrant to each tenth of a mile so extended, or when the citizens shall give a satisfactory guarantee to the company of water takers to the amount of $35.00 per annum for each tenth of a mile of such extension.

The Town or any citizen to have the right of placing such additional hydrants on the lines of pipes above named, and the extensions above named, at their own expense, as they may see fit, without additional charge of water therefor, and commence the work as soon as possible and complete as much as possible this season, and complete the entire work and lines of pipe named above within one year from the date of the signing of said contract; and will guarantee the works to be equal to those in the Towns of Wakefield, Stoneham, Revere, Dedham, and the City of Haverhill, and will at all times furnish a full and adequate supply of good fresh water for domestic and fire purposes; and will charge to its citizens water rates not to exceed those charged by Wakefield Water Company, and for farmers' use not to exceed those of Arlington.

In consideration of the above, the town shall pay to said Watertown Water Supply Company for the use of the one hundred and thirty-five hydrants, as above named, for fire purposes and
the practice of the fire department, six thousand dollars per annum, and thirty-five dollars per annum for each hydrant on the extended pipe, as above named, all for the term of fifteen years.

The Company also agrees that everything connected with what we propose above to be first class, full and efficient; ready at all times to respond to all reasonable requirements.

THE WATERTOWN WATER SUPPLY COMPANY,

By A. O. DAVIDSON, President.


After the hearing of the proposals, Dr. A. Hosmer submitted the following motion, viz.—

"Moved, That the Town do ratify the consent given by the Selectmen for the Town to contract with the Watertown Water Supply Co., for a supply of water for the inhabitants, for domestic use, for extinguishment of fires and other purposes, on the basis of the propositions as explained and amended, and as this evening submitted by said Company to the Town, and authorize and instruct the Selectmen to contract with said company in accordance with the said propositions."

The vote was taken by ballot, "Yes" and "No" and the Check List was used. The whole number of ballots cast was 354. Voting "Yes," 246. Voting "No," 108, and the moderator declared the vote carried by a two thirds vote.

Copy of Contract.

This Agreement made in duplicate this fourth day of August in the year eighteen hundred and eighty-four by and between the Watertown Water Supply Company, a corporation duly established under the laws of the Commonwealth of Massachusetts, party of the first part, and the town of Watertown, a Municipal Corporation within said Commonwealth by Oliver Shaw, James W. Magee and Abraham L. Richards, the Selectmen of said
WATER COMPANY.

Town, hereunto duly authorized and instructed by vote of said Town, party of the second part, witnesseth:

That, whereas, at a Town meeting held on the twenty-first day of July, 1884, the inhabitants of said Watertown voted to authorize and instruct the Selectmen to contract with the said Watertown Water Supply Company, in accordance with a certain proposition in writing then made and submitted by said Company for supplying said Town and its inhabitants with water, a copy of which proposition is hereto annexed and made a part of this contract:

Now, therefore, the said Watertown Water Supply Company hereby promises and agrees with the said Town of Watertown that it will do, perform, stand to, abide and be bound by all things by it proposed and offered in said proposition, in the manner therein prescribed and according to the terms, specifications and conditions therein set forth.

And particularly the said Company agrees to construct water works for the purpose of supplying said Town and its inhabitants with water for domestic use and fire purposes as set forth in said proposition, and according to the specifications thereof, and to supply water to said inhabitants on the line of its pipes as they may be laid down, at water rates not to exceed for domestic purposes those charged by the Company supplying the town of Wakefield, and for farmers’ use not exceeding the rates charged in Arlington, to be paid by the persons taking the same, and not by the Town.

And further, said Company agrees to furnish and set one hundred and thirty-five hydrants (135) at such points on the lines of its pipes not exceeding fourteen miles in length as the Selectmen may direct, and to maintain and keep the same in good order and repair for the use of said Town of Watertown during the term of fifteen years from the day when the same shall be set and completed and tested to the reasonable satisfaction of the Selectmen, and the Town Clerk notified thereof in writing.

And the said Company further agrees to extend its pipes beyond said fourteen miles of length, as the Town may direct, for the sum
of thirty-five dollars per annum for the use of one hydrant to each
tenth of a mile of such extension, for the purposes aforesaid, dur-
ing said term of fifteen years, or upon a satisfactory guaranty of
water takers to the amount of thirty-five dollars per annum for
each one tenth of a mile of such extension. And upon any ex-
tension of its pipes beyond said fourteen miles the said Company
agrees to set and maintain for the same term of years such hydrants
as may be required by the Town for the said sum of thirty-five dol-
lars annually for the use of each hydrant.

And the said Company further agrees that the Town or any
citizen shall have the right to place such hydrants on the line of
pipes above named and the extension above named, in addition to
the number above provided for said fourteen miles and each mile
of extension, as they may see fit, at their own expense, without
additional charge for water therefore. Said hydrants to be used
for fire purposes only.

And the said Company agrees for and during said term of fif-
teen years to furnish said Town of Watertown through said hy-
drants a constant and sufficient supply of water with adequate
head or force, for protection against fires, and for the practice of
the Fire Department, and to furnish and supply within one year
from the date hereof.

And the said Company agrees that the Town shall have the
right to use all said hydrants at proper times for the purpose of
testing the same.

The said Company agrees that before entering upon and open-
ing any of the streets or highways of said Town for the laying of
its pipes or the construction of its works, it will give a bond with
sureties satisfactory to the Selectmen, to protect and indemnify
said Town against all damages which may be recovered against it
by reason of any defect in said streets or highways occasioned by
any fault or neglect of said Company, provided said Company shall
have notice of any suit, and be allowed to defend the same at its
own expense.

And the said Town of Watertown, by its Selectmen, hereby
promises and agrees with said Watertown Water Supply Com-
pany in consideration of the aforesaid agreement and the faithful
performance of all the provisions thereof according to the terms of
said proposition, that it will pay to the said Company or its order
for and during the term of fifteen years from the day when said
one hundred and thirty-five hydrants shall be set, completed and
tested to the reasonable satisfaction of the Selectmen, and the
Town Clerk notified thereof in writing, the sum of Six Thousand
dollars yearly. And the Town agrees to pay the same in equal
half yearly payments of three thousand dollars each at the end of
each six months during said term.

And the said Town of Watertown further agrees to pay to said
Company the sum of thirty-five dollars yearly for the use for the
purposes aforesaid of each hydrant established by said Company,
only any extension of its pipes made at the request of said Town,
beyond said fourteen miles, not exceeding the rate of one hydrant
to each tenth of a mile of such extension, and the same sum for
each hydrant established by the Company at the request of the
Town, upon any extension not made at the request of the Town,
such payment to be made as aforesaid.

And it is further agreed that all the provisions of this contract
are to be construed, explained and controlled by the terms of said
written proposition, and that nothing herein contained shall be
taken or construed to release the said Company from any obliga-
tion therein expressed.

And it is further agreed that in case the Town shall during the
said term of fifteen years purchase or acquire the franchise, cor-
porate property, rights and privileges of said Company, according
to the provisions of its charter or otherwise, this contract and all
further obligations of either party thereunder shall thereupon be
determined and become void.

In witness whereof the said Watertown Water Supply Com-
pany has caused these presents to be signed with its Corporate
name, and its Corporate seal to be hereto affixed by A. O. David-
son, its President, and John H. Conant, its Treasurer, hereunto
duly authorized, and the said Town of Watertown has caused these presents to be signed with its name, and the Corporate Seal of the Town to be hereto affixed, by the said Selectmen, thereto duly authorized as aforesaid, the day and year first above written.

[Seal.] WATERTOWN WATER SUPPLY CO.,

by A. O. Davidson, President,
John H. Conant, Treasurer.

TOWN OF WATERTOWN,

by Oliver Shaw,
James W. Magee,
Abraham L. Richards,

Selectmen
of
Watertown.

Witnessed by
Jas. B. Woodward,
George S. Bowen.

Watertown, August 4th, 1884.

We, the undersigned, all the selectmen of Watertown, hereby consent to the written contract as provided by Section 27, Chap. 27, of the Public Statutes of the Commonwealth of Massachusetts.

OLIVER SHAW,
James W. Magee,
Abraham L. Richards,

Selectmen
of
Watertown.

Additional Proposition.

To the Selectmen of Watertown:—

Having executed a contract with the Town of Watertown for a supply of water for protection against fires, the Watertown Water Supply Company desires to supplement the same with a tender to said Town of a free supply of water for the Public Library building, also for the Town Hall, as now constructed,
and the public offices therein, for water-closet and drinking purposes, and for two public watering troughs or drinking fountains, or troughs and fountains combined, if the Town shall establish the same. Such free supply to continue for fifteen years from the completion of the works of the company.

WATERTOWN WATER SUPPLY COMPANY,
by A. O. DAVIDSON, President.

Watertown, August 4th, 1884.
REPORT OF THE TOWN IMPROVEMENT SOCIETY.

To the Honorable Board of Selectmen of the Town of Watertown:—

GENTLEMEN,—The following exhibit shows the receipts and expenditures of the Town Improvement Society, to whose charge you intrusted the planting of trees under the appropriation made at the last annual Town Meeting:—

DR.

To amount of appropriation, $300 00
" " received from abutters, 223 15
" bills receivable, 6 50

$529 65

Cr.

By amount paid for 162 trees, $102 00
" " " 138 protectors, 151 80
" " " Highway Dep't for labor, 130 67
" " " for loam, 27 00
" " " sundry items, 22 86
" balance (Cash, $88.82; Bills rec. $6.50), 95 32 $529 65

The terms upon which the Society furnished trees to abutters were, that the latter, where the trees were placed on the outer line of the sidewalk, should pay for planting and protection, a sum not exceeding $1.50 per tree. The actual cost to the Society for tree, planting, and protection, was $2.87½ each.

A few trees were furnished at cost to parties wishing to place them inside the fence line. Had our citizens earlier realized what was proposed, far more applications would have been received
than could have been filled with the sum at the Society's disposal, as in many cases the actual setting out of trees in a given locality at once led the neighboring abutters to send in their orders.

In some instances a desire for trees was expressed, provided the Society would guarantee their life. This could, of course, in no case be done. Such good care was taken of them, however, and the season proved so favorable that of the 162 trees planted, not one, so far as known, has been lost.

Should the town appropriate any further sums for the planting, it is believed that $300 would be sufficient for the coming year, providing the same requirements from abutters shall be continued.

Very respectfully submitted.

ARTHUR M. KNAPP, President.
REPORT OF TOWN CLERK AND REGISTRAR.

BIRTHS.

The number of births registered during the year 1884 was one hundred and nine (109), eight (8) more than in 1883.

Of the number registered, fifty-three (53) were males, and fifty-six (56) were females.

One hundred and five were born in Watertown, 105
One was born in Marlboro, 1
One was born in Wakefield, 1
One was born in Medford, 1
One was born in Belmont, 1

Total, 109

Born of American parents, 36
    " Irish parents, 39
    " American and foreign parents, 21
    " British Province parents, 6
    " Irish and Canadian parents, 1
    " West India parents, 1
    " Canadian parents, 1
    " Irish and British Province parents, 3
    " American and unknown parents, 1

Total, 109

MARRIAGES.

The whole number of marriages recorded for the year was fifty-eight (58), seven more than in 1883.

First marriage of both parties, 43
Second " " " 1
First and second marriage of both parties, 11
First and third " " " 2
Second and third " " " 1
Number of both parties native born, 31
" " foreign born, 19
" " native and foreign born, 8

Occupation of Grooms.

Provision dealers, 3; Painters, 2; Milk dealer, 1; Stonemason, 1; Ice dealer, 1; Housejoiner, 1; Farmer, 1; Laborers, 10; Dyer, 1; Papermaker, 1; Engineer, 1; Lawyer, 1; Policemen, 2; Clerks, 4; Merchants, 3; Machinists, 2; Salesmen, 2; Bookkeeper, 1; Car conductors, 2; Starchmaker, 1; Butcher, 1; Steamfitter, 1; Druggist, 1; Seamen, 2; Florist, 1; Carpenter, 1; Foundryman, 1; Draughtsman, 1; Coachman, 1; Weaver, 1; Teamsters, 2; Mason, 1; Sash and blindmaker, 1; Mill operative, 1; Moulder, 1; Stenographer 1. Total, 58.

DEATHS.

The whole number of deaths registered for the year 1884, was one hundred and eight (108), six more than in 1883, increasing the death-rate slightly, unless the population has increased since the last census.

Of the whole number of deaths, fifty-six (56) were males, and fifty-two (52) females.

Condition.

Married, 34
Single, 60
Widowed, 14
Total, 108
Name, Age and Condition of Persons Deceased, aged Seventy Years and Upward.

<table>
<thead>
<tr>
<th>Name</th>
<th>Yrs.</th>
<th>Mos.</th>
<th>Days</th>
<th>Condition</th>
</tr>
</thead>
<tbody>
<tr>
<td>Mary D. Symmes</td>
<td>75</td>
<td>11</td>
<td>25</td>
<td>Widow</td>
</tr>
<tr>
<td>Andrew Cummings</td>
<td>75</td>
<td>10</td>
<td>5</td>
<td>Married</td>
</tr>
<tr>
<td>Julia C. Bent</td>
<td>75</td>
<td>11</td>
<td></td>
<td>Widow</td>
</tr>
<tr>
<td>William B. Gammons</td>
<td>80</td>
<td></td>
<td></td>
<td>Widowed</td>
</tr>
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<td>Abiel Abbott</td>
<td>74</td>
<td>3</td>
<td>23</td>
<td>Married</td>
</tr>
<tr>
<td>Horace Clarke</td>
<td>83</td>
<td>8</td>
<td>26</td>
<td>Widowed</td>
</tr>
<tr>
<td>Isaac Robbins</td>
<td>80</td>
<td>11</td>
<td>27</td>
<td>Widowed</td>
</tr>
<tr>
<td>James Dardis</td>
<td>72</td>
<td>11</td>
<td>27</td>
<td>Married</td>
</tr>
<tr>
<td>Margaret Hughes</td>
<td>86</td>
<td></td>
<td></td>
<td>Widow</td>
</tr>
<tr>
<td>Elizabeth C. Miner</td>
<td>79</td>
<td>5</td>
<td>25</td>
<td>Widow</td>
</tr>
<tr>
<td>Lucretia Griswold</td>
<td>75</td>
<td>11</td>
<td>13</td>
<td>Widow</td>
</tr>
<tr>
<td>Ellen Sullivan</td>
<td>82</td>
<td></td>
<td></td>
<td>Widow</td>
</tr>
<tr>
<td>Sarah L. White</td>
<td>76</td>
<td>9</td>
<td>12</td>
<td>Married</td>
</tr>
<tr>
<td>Sarah G. May</td>
<td>75</td>
<td></td>
<td></td>
<td>Widow</td>
</tr>
<tr>
<td>Jonas Phelps</td>
<td>81</td>
<td>4</td>
<td>19</td>
<td>Married</td>
</tr>
</tbody>
</table>

Whole number, 15.

Number of persons deceased under 5 years, is 41
" " " " between 5 and 10 years, is 3
" " " " 10 and 20 " " 3
" " " " 20 and 30 " " 12
" " " " 30 and 40 " " 8
" " " " 40 and 50 " " 5
" " " " 50 and 60 " " 7
" " " " 60 and 70 " " 14
aged 70 and over, as per names, 15

108
Causes of Death, in Alphabetical Order.

Apoplexy, 2
Asphyxia, 1
Bright's Disease, 3
Bronchitis, 5
Consumption, 5
Cyonosis, 1
Cholera Infantum, 2
Cholera Morbus, 1
Convulsions, 2
Consumption, Pulmonary, 3
Diarrhoea, 2
Disease of Heart, 5
Dis. of Bladder and Kidney, 2
Endometrites, 1
Eutero Colletis Cronic, 2
Exhaustion, 2
Fatty Kidney, 1
Fracture of Hip Joint, 1
Hydrocephalus, 1
Hemiplesia, 1
Infantile, 2

Intestinal Nephritis, 1
Inflammation of Bowels, 2
Labor, 1
Meningitis, 2
Marasmus, 3
Old Age, 4
Pulmonary Tuberculosis, 1
Peritonitis, 1
Phthisis, Pulmonary, 3
Pneumonia, 13
Plutisis, 1
Railroad Accident, 1
Steamer Wrecked, 1
Scarlet Fever, 6
Scalded, 1
Spina Bifida, 1
Unknown, 1
Ulceration Chronic, 1
Whooping Cough, 2
Stillborn, 4

The number of deaths of native-born persons is 83
" " " of foreign-born " " 22
" " " of persons of unknown birth is 3

108

The number of deaths of native-born parentage is 48
" " " of foreign-born " " 45
" " " of native and foreign-born parentage is 6
Unknown, 9

108
NOSOLOGICAL TABLE.

CAUSES OF DEATH. TABULA LIST.

Class 1. Zymotic Diseases.

Order 1. Miasmatic.

Cholera Infantum, 2
Croup, 1
Diarrhoea, 1
Scarlet Fever, 6
Cholera Morbus, 1

Class 2. Constitutional Diseases.

Order 1. Tubercular.

Consumption, 5
Consumption, Pulmonary, 3
Phthisis, 3
Pluitisis, 1

Class 3. Local Diseases.

Order 1. Nervous Diseases.

Apoplexy, 2
Convulsions, 2
Meningitis, 6
REPORT OF THE TOWN CLERK.

Order 2. Organs of Circulation.
Heart Disease, 5

Order 3. Respiratory Organs.
Bronchitis, 5
Pulmonary Tuberculosis, 1
Pneumonia, 13
Whooping Cough, 2

Order 4. Digestive Organs.
Abdominal Disease, 4
Endometrites, 1
Intestinal Nephritis, 1

Order 5. Urinary Organs.
Bladder and Kidneys, 2
Bright’s Disease of the Kidneys, 3
Utero Colitis, Chronic, 2

Class 4. Developmental Diseases.
Order 1. Of Children.
Infantile, 1
Stillborn, 4
Spine Defected Congenital, 1

Order 2. Of Old People.
Exhaustion, 2
Old Age, 4
Ulceration, Chronic, 1

Marasmus, 3
Class 5. Violent Deaths.

Order 1. Accidental, or Negligence.

Fracture of Hip Joint, 1
Wreck of Steamer, 1
Railroad Accident, 1
Scalded, 1
Found Dead, 1
Unknown, 6
DOGS.

The whole number of dogs licensed during the year was 218.

Amount received for licensing:
- 203 male dogs, at $2 each, $406.00
- 15 female dogs, at $5 each, 75.00

Total, $481.00

Deduct fees for licenses, 218 at 20 cents each, 43.60

Which sum was paid to the County Treasurer, as per receipt hereto annexed. There was no officer paid for killing dogs this year.

MIDDLESEX, ss., Nov. 24, 1884.

William H. Ingraham, Esq., Clerk of the Town of Watertown, has paid into the Treasury of said Middlesex County, Four Hundred and Thirty-seven Dollars and Forty Cents for dog licenses for the year eighteen hundred and eighty-four, as per his account of 21st instant.

$437.40

AMOS STONE, County Treasurer.

Library now in Selectmen's Room.

- Laws of the United States, 3 vols. 8vo.
- General Statutes of Mass., 1836 to 1872, 3 vols. 8vo.
  "  "  "  "  with Supplement, 2d ed., 3 vols. 8vo.
- Public Statutes of Mass., 1882, 1 vol. 8vo.
- Herrick's Town Officer, 2 vols. 8vo.
- Mass. Special Laws, from the adoption of the Constitution to A. D., 1881, 14 vols. 8vo.
- Acts and Resolves of the Province of Massachusetts Bay, 1692-1768, 4 vols. 8vo.
REPORT OF THE TOWN CLERK.

Mass. Digest, by Bennett & Heard, 3 vols. 8vo.
Mass. Term Reports, from 1804, 17 vols. 8vo.
Picketing’s Term Reports, vols. 1 to 24 incl., 24 vols. 8vo.
Metcalf’s " " 1 to 13 incl., 13 vols. 8vo.
Cushing’s " " 1 to 12 incl., 12 vols. 8vo.
Gray’s " " 1 to 16 incl., 16 vols. 8vo.
Allen’s " " 1 to 14 incl., 14 vols. 8vo.
Mass. Register and Military Record, 1862, 1 vol. 8vo.
Industry of Massachusetts, 1855, 1 vol. 8vo.
Census of Mass., 1860, 1865 and 1875, 5 vols. 8vo.
Journal of Valuation Committee, 1860, 1 vol. 8vo.
Plymouth Colony Laws, ed. by Wm. Brigham, 1 vol. 8vo.
Reports of State Board of Health, 1871 to 1879, 9 vols. 8vo.
Manual of Board of Health, . 1 vol. 8vo.
Reports of Board of State Charities, 1868, 1869, 1871, 1872, 1873, 5 vols. 8vo.
Watertown Town Reports, from 1860 to 1884, 24 vols. 8vo.
Perpetual Laws of the Commonwealth of Massachusetts, from 1780 to 1816, 6 vols. 8vo.
1 Webster’s Dictionary, unabridged.

REPORT OF THE TOWN CLERK.

Reports of State Board of Health, Lunacy and Charity, 1879, 1880, 1884.
Registration Report, 1880, 1 vol.
Bureau of Statistics of Labor, 1876, 1877, 2 vols.
Report of School Committee of Boston, 1878, 1 vol.
Respectfully submitted.

WILLIAM H. INGRAHAM,

*Town Clerk.*
REPORT OF THE OVERSEERS OF THE POOR.

The management of the Almshouse has been under the same superintendent, Mr. Z. Boody, who has filled the place so satisfactorily to the town for the past sixteen years, and while the outside aid has been steadily calling for an increased sum, the current expenses at the almshouse have been something less than the previous year, although the number of constant inmates has been increased by two additional.

The Auditor's Report, to which your attention is called, will show to the town the expenses of each department connected with the support of the poor.

The arrangement with Dr. L. S. Smith has been continued upon the same terms as the previous year, and in all respects his services have been satisfactory to the Board. By the death of Mr. George L. Noyes, the office of Almoner became vacant, and there has been no permanent appointment made by the Board, but we think that there is an absolute necessity for such an officer, and the best interest of the town will be served by making such an appointment.

*The Inmates of the Almshouse for the Entire Year.*

<table>
<thead>
<tr>
<th>Name</th>
<th>Age</th>
</tr>
</thead>
<tbody>
<tr>
<td>Samuel Bacon,</td>
<td>70 years.</td>
</tr>
<tr>
<td>Antonio Bomein,</td>
<td>61 &quot;</td>
</tr>
<tr>
<td>Ellen Buckley,</td>
<td>39 &quot;</td>
</tr>
<tr>
<td>Catherine Fagan,</td>
<td>67 &quot;</td>
</tr>
<tr>
<td>Garry Hagar,</td>
<td>56 &quot;</td>
</tr>
<tr>
<td>Elizabeth B. Swan,</td>
<td>55 &quot;</td>
</tr>
<tr>
<td>Cyrenus Bates,</td>
<td>81 &quot;</td>
</tr>
<tr>
<td>Nina Flannigan,</td>
<td>61 &quot;</td>
</tr>
<tr>
<td>William Bond,</td>
<td>60 &quot;</td>
</tr>
</tbody>
</table>
REPORT OF THE OVERSEERS OF THE POOR.

Name. Age.
Nora Dunn, 74 years.
John Welch, 57 "
Michael Finn, 84 "
Sarah Bright, 57 "
* Deceased Feb. 12, 1885.

For a Portion of the Year.
Patrick O'Brian, came Nov. 24, 37 years
Mary Hughes, " Jan. 8, 1885, 58 "
John Conley, " 29, " 42 "
Harriet Lowler, " 29, " 42 "
Lucy E. Skinner, committed to the Woman's Prison at Sherburne for one year, Feb. 16, 1884; now returned to Water-town Almshouse.

In the Worcester Lunatic Asylum for the Full Year.
Harriet L. Butterfield, Margery Flynn,
Abraham Johnson (admitted under name of Tilly J. Johnson).
Under the Military Aid Act, the State pays one-half of the cost of the support of Abraham Johnson.
Teague McGrath, committed Nov. 26, 1884.

At the Asylum for the Chronic Insane.
Amelia Ford.

At the Taunton Lunatic Hospital.
Martha A. Fenton.

At the State Almshouse.
Hannah McGurk.

At Lowell Reform School.
J. B. Crofts, discharged May 5, 1884.

Tramps lodged and fed during the year, 452.

OLIVER SHAW, JAMES W. MAGEE, A. L. RICHARDS, Overseers of the Poor.
ASSESSORS' REPORT.

The Assessors of Watertown submit the following as their Annual Report:—

<table>
<thead>
<tr>
<th>Description</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Value of real estate of residents</td>
<td>$4,093,190</td>
</tr>
<tr>
<td>&quot; personal estate of residents</td>
<td>1,710,700</td>
</tr>
<tr>
<td>Total</td>
<td>$5,803,890</td>
</tr>
<tr>
<td>Value real estate, non-residents</td>
<td>$1,030,970</td>
</tr>
<tr>
<td>&quot; personal estate, non-residents</td>
<td>222,240</td>
</tr>
<tr>
<td>Total</td>
<td>$1,253,210</td>
</tr>
<tr>
<td>Total value real estate as assessed this year</td>
<td>$5,124,160</td>
</tr>
<tr>
<td>&quot; personal</td>
<td>1,932,940</td>
</tr>
<tr>
<td>Total</td>
<td>$7,057,100</td>
</tr>
</tbody>
</table>

Showing an increase on real estate of $68,610 and a decrease on personal estate of $193,700, being a net loss of $125,090.

Number of dwelling houses. 1,054

- horses, 464
- cows, 190
- bulls, 1
- sheep, 1
- acres of land taxed, 2,050
- polls, 1,601
- persons liable to military duty, 963
- children between 5 and 15 years of age; 1,027
The State tax is $8,900.00
" County " "
Town grants assessed, 93,200.00
Overlay, 924.00

Total, $107,118.53

The tax on 1,601 polls at $2 each, is $3,202.00
Anticipated on bank and corporation tax, 3,000.00
Leaving to be assessed upon estate, 100,916.53

Requiring upon $7,057,100 a rate of $14.30 per thousand.

Additional tax upon 27 polls at $2 each, is $54.00

The value of shipping engaged in foreign trade, owned by residents of Watertown, is $62,101.37

The amount of income received by owners and liable to taxation in this town, is 41,184.88

Leaving as chargeable to the State under the present law, 57,982.79

Which tax amounted to $824.53 paid by State to the town.

There are 30 steam boilers of various capacity in operation, in the town.

The value of the property belonging to the various religious societies in town exempt from taxation as appraised, is $98,720, and returned to Secretary of State.

Our tax rate for the past year was much larger than usual for the town, but you can see at a glance what has caused it. First, the State tax was thirty-three per cent. larger than the previous year, also a slight increase in the County tax; but our heaviest call was from our appropriations.

The purchase of the Gleason estate on the south side of the river, and the appropriation for a new school-house, now in pro-
cess of erection on the Titcomb estate, with small sums like the Improvement Society grant, etc., added over twenty-five per cent. to the tax list. The town voted to raise all the money by taxes the current year, wisely determining to pay as we go and not increase our debt and interest account for future generations to pay off. Steadily with increase of population comes the increase of wants. Better roads, better sidewalks, street lights, and more police officers, call for larger appropriations, and to keep our town in rank with the towns in the vicinity of Boston, we must be prepared to meet the call. Probably the day of ten dollars on a thousand has gone by, we fear, never to return, but with the steady increase of real estate, caused by the erection of new houses, and we may hope with returning business prosperity, an advance in value of the securities held by our citizens may be realized that will prevent our tax bills from being excessive, if we pursue the same prudent course in the future as in the past.

Respectfully submitted.

Wm. H. INGRAHAM, JAMES F. LYNCH, FRANK M. KELLY, Assessor of Watertown.
### Synopsis of Valuation and Taxation of Watertown from 1830 (five years interval) to 1870, and annually from 1870 to 1884.

<table>
<thead>
<tr>
<th>Date</th>
<th>Polls</th>
<th>Tax on Polls Each.</th>
<th>Valuation.</th>
<th>Tax</th>
<th>Rate per $1,000</th>
<th>Total Tax.</th>
</tr>
</thead>
<tbody>
<tr>
<td>1830</td>
<td>422</td>
<td>$1 85</td>
<td>$517,617</td>
<td>Town and Counties.</td>
<td>County.</td>
<td>State.</td>
</tr>
<tr>
<td>1835</td>
<td>435</td>
<td>1 50</td>
<td>901,220</td>
<td>$3,619 15</td>
<td>$235 95</td>
<td>$716 78</td>
</tr>
<tr>
<td>1840</td>
<td>529</td>
<td>1 40</td>
<td>1,462,750</td>
<td>Town only.</td>
<td>$455 95</td>
<td>......</td>
</tr>
<tr>
<td>1845</td>
<td>597</td>
<td>1 50</td>
<td>2,133,617</td>
<td>3,700 00</td>
<td>70 92</td>
<td>241 50</td>
</tr>
<tr>
<td>1850</td>
<td>731</td>
<td>1 50</td>
<td>2,014,100</td>
<td>5,800 00</td>
<td>997 27</td>
<td>241 50</td>
</tr>
<tr>
<td>1855</td>
<td>822</td>
<td>1 50</td>
<td>3,558,700</td>
<td>9,325 00</td>
<td>1,870 37</td>
<td>.....</td>
</tr>
<tr>
<td>*1860</td>
<td>769</td>
<td>1 50</td>
<td>2,597,800</td>
<td>18,780 00</td>
<td>2,338 59</td>
<td>1,719 00</td>
</tr>
<tr>
<td>1865</td>
<td>653</td>
<td>2 00</td>
<td>2,050,732</td>
<td>10,480 00</td>
<td>1,360 48</td>
<td>13,113 00</td>
</tr>
<tr>
<td>1870</td>
<td>1,040</td>
<td>2 00</td>
<td>4,165,080</td>
<td>27,800 00</td>
<td>2,923 15</td>
<td>15,113 00</td>
</tr>
<tr>
<td>1871</td>
<td>1,150</td>
<td>2 00</td>
<td>5,598,140</td>
<td>48,400 00</td>
<td>2,839 51</td>
<td>6,975 00</td>
</tr>
<tr>
<td>1872</td>
<td>1,170</td>
<td>2 00</td>
<td>6,772,110</td>
<td>2,839 51</td>
<td>6,975 00</td>
<td>.....</td>
</tr>
<tr>
<td>1873</td>
<td>1,293</td>
<td>2 00</td>
<td>7,632,500</td>
<td>68,635 00</td>
<td>3,676 37</td>
<td>6,340 00</td>
</tr>
<tr>
<td>1874</td>
<td>1,385</td>
<td>2 00</td>
<td>8,041,910</td>
<td>82,981 22</td>
<td>4,067 29</td>
<td>7,132 50</td>
</tr>
<tr>
<td>1875</td>
<td>1,360</td>
<td>2 00</td>
<td>7,099,929</td>
<td>100,457 35</td>
<td>4,338 34</td>
<td>6,340 00</td>
</tr>
<tr>
<td>1876</td>
<td>1,347</td>
<td>2 00</td>
<td>7,756,170</td>
<td>90,311 67</td>
<td>4,067 29</td>
<td>7,132 50</td>
</tr>
<tr>
<td>1877</td>
<td>1,332</td>
<td>2 00</td>
<td>7,445,459</td>
<td>71,516 49</td>
<td>2,688 46</td>
<td>6,420 00</td>
</tr>
<tr>
<td>1878</td>
<td>1,305</td>
<td>2 00</td>
<td>7,015,750</td>
<td>66,944 65</td>
<td>3,768 85</td>
<td>6,420 00</td>
</tr>
<tr>
<td>1879</td>
<td>1,295</td>
<td>2 00</td>
<td>7,027,950</td>
<td>63,475 00</td>
<td>3,001 71</td>
<td>2,480 00</td>
</tr>
<tr>
<td>1880</td>
<td>1,407</td>
<td>2 00</td>
<td>7,409,050</td>
<td>57,034 04</td>
<td>3,001 71</td>
<td>2,480 00</td>
</tr>
<tr>
<td>1881</td>
<td>1,473</td>
<td>2 00</td>
<td>7,881,820</td>
<td>67,250 38</td>
<td>3,208 13</td>
<td>6,420 00</td>
</tr>
<tr>
<td>1882</td>
<td>1,467</td>
<td>2 00</td>
<td>7,035,019</td>
<td>67,388 98</td>
<td>3,208 13</td>
<td>6,420 00</td>
</tr>
<tr>
<td>1883</td>
<td>1,552</td>
<td>2 00</td>
<td>7,182,059</td>
<td>101,429 51</td>
<td>3,208 13</td>
<td>8,500 00</td>
</tr>
<tr>
<td>1884</td>
<td>1,691</td>
<td>2 00</td>
<td>7,057,109</td>
<td>83,292 51</td>
<td>4,032 65</td>
<td>6,675 00</td>
</tr>
</tbody>
</table>

* Belmont was incorporated in 1859.
COLLECTOR'S REPORT.

To the Auditor of the Town of Watertown: —

I herewith submit my report of the collection of taxes for 1882, 1883, and 1884.

### 1882.

<table>
<thead>
<tr>
<th>DR.</th>
<th>Amount</th>
</tr>
</thead>
<tbody>
<tr>
<td>Deposited in Union Market Nat'l Bank</td>
<td>$3,391.59</td>
</tr>
<tr>
<td>Uncollected taxes</td>
<td>2,416.36</td>
</tr>
<tr>
<td>Interest</td>
<td>178.00</td>
</tr>
</tbody>
</table>

**Total:** $5,985.95

<table>
<thead>
<tr>
<th>CR.</th>
<th>Amount</th>
</tr>
</thead>
<tbody>
<tr>
<td>By cash paid Town Treasurer</td>
<td>$5,756.92</td>
</tr>
<tr>
<td>Uncollected taxes</td>
<td>229.03</td>
</tr>
</tbody>
</table>

**Total:** $5,985.95

### 1883.

<table>
<thead>
<tr>
<th>DR.</th>
<th>Amount</th>
</tr>
</thead>
<tbody>
<tr>
<td>Deposited in Union Market Nat'l Bank</td>
<td>$1,837.09</td>
</tr>
<tr>
<td>Uncollected taxes</td>
<td>9,893.56</td>
</tr>
<tr>
<td>Uncollected sidewalk assessments</td>
<td>516.70</td>
</tr>
<tr>
<td>Interest</td>
<td>234.77</td>
</tr>
</tbody>
</table>

**Total:** $12,482.12

<table>
<thead>
<tr>
<th>CR.</th>
<th>Amount</th>
</tr>
</thead>
<tbody>
<tr>
<td>By cash paid Town Treasurer</td>
<td>$9,317.67</td>
</tr>
<tr>
<td>Uncollected taxes</td>
<td>2,841.16</td>
</tr>
<tr>
<td>Uncollected sidewalk assessments</td>
<td>323.29</td>
</tr>
</tbody>
</table>

**Total:** $12,482.12
COLLECTOR'S REPORT.

1884.

Dr.

To amount committed, $107,877 86
Less anticipated bank and corporation tax, 3,000 00

$104,877 86

Additional, 55 00
Interest, 8 61

$104,941 47

Cr.

By cash paid Town Treasurer, $87,316 07
" " County " 4,094 00
Uncollected taxes, 13,531 40

$104,941 47

Most respectfully yours,

Wm. E. FARWELL, Collector.

The accounts of Wm. E. Farwell, Collector, have been duly examined by me, proper vouchers have been presented, and the outstanding balances as shown above are correct

HOWARD RUSSELL, Auditor.
ANNUAL REPORT OF ENGINEERS OF FIRE DEPARTMENT.

To the Honorable Board of Selectmen:—

The Board of Engineers of the Watertown Fire Department respectfully submit their annual report of the duties performed by that department, together with the condition of the house and apparatus, and such recommendations as they think will be for the good of the town for the coming year.

Mr. C. W. Berry was obliged to resign on account of ill health, after serving the town for eight years, five of which he acted as chief. Mr. Bradford Holbrook was appointed to fill the vacancy on the board.

There being some delay in getting the hose-carriage to a fire during the night, arrangements were made with Mr. Alexander Flanders to stay at the house nights, on trial. The result was perfectly satisfactory.

Organization.

JOHN A. YORK, Chief Engineer.
BRADFORD HOLBROOK, 1st Assistant.
MICHAEL CARROLL, Secretary.

Pequossette Steam Fire Engine Company, No. 1, fifteen men.

C. W. SMITH, Foreman.
J. H. HOLT, Engineman.
MOSES PATTEE, Driver.
J. R. HARRISON, Stoker.

A. D. Drew Hook and Ladder Company, No. 1, ten men.

M. W. LYONS, Foreman.
One steam fire engine; 1 four-wheeled hose carriage; 1 hook and ladder truck; 1 fuel wagon; 1 pung, and 4 two-wheeled hose carriages in different parts of the town for the protection of property in their immediate vicinity, viz.: one at Hollingsworth & Whitney's Paper Mill, with 400 feet of rubber-lined cotton hose; one at Aetna Mills, with 600 feet of leather hose; one at Walker & Pratt's Foundry, with 250 feet of leather hose, and one at the engine house with extra hose for any emergency. The whole apparatus is at present in good condition.

Hose.

There is in the engine house and other locations, 4,000 feet. Of this, 1,250 feet are located with the two-wheeled carriages, leaving a balance at the house of 2,750 feet, 600 feet of which have had severe service and are not reliable. As nothing is more essential for the effective working of the department, we therefore recommend the purchase of 500 feet of hose so as to keep a complement of a reliable quality on hand. Promptness in getting to the fire with apparatus in the best condition, may be rendered of no avail at the important moment, by the bursting of hose.

Water for Fire Purposes.

Last August, the town voted to accept the proposition of the Watertown Water Supply Company to supply the town with water, which included 135 hydrants for fire purposes. There has been no test yet, and, should it prove satisfactory, of which we have no doubt, it will furnish the department with water in places where it has had to stand by and be of no use.

Horses.

We have five horses in the department, all but one of which are in good condition, and that one will have to be replaced this year.
Fires and Alarms.

The department has responded to ten alarms; one in the Brighton district, and the remainder for fires in town. The whole amount of property destroyed was $6,543. Insurance, $3,133.

Fire Alarm Telegraph.

This important branch of the service remains in good condition. The town voted a new box at the corner of School and Mount Auburn streets, but there was no appropriation made for the same. We recommend that the box be placed there this year.

Receipts and Expenditures.

The expenses for the year are as follows:

<table>
<thead>
<tr>
<th>Item</th>
<th>Amount</th>
</tr>
</thead>
<tbody>
<tr>
<td>Salaries</td>
<td>$3,387 50</td>
</tr>
<tr>
<td>Hay, straw and grain</td>
<td>630 38</td>
</tr>
<tr>
<td>Fuel and lights</td>
<td>107 55</td>
</tr>
<tr>
<td>Shoewing horses</td>
<td>106 80</td>
</tr>
<tr>
<td>Repairs</td>
<td>313 55</td>
</tr>
<tr>
<td>Miscellaneous</td>
<td>392 75</td>
</tr>
</tbody>
</table>

Total expenses: $4,938 53

Receipts for the year from the sale of stable manure, old hose and junk, and filling cisterns: $90 86

Which has been paid in to the Town Treasurer.

Recommendations.

We recommend for the use of the department for the coming year, $5,200. That will include salaries, repairs, supplies, fuel, gas and improvements.

There is a growing necessity for a hose company at the east end of the town. In case of fire, it would be the means of saving valuable property, which would otherwise be destroyed in the time between the sounding of the alarm and the arrival of the apparatus from the village. As we have a spare hose carriage capable of carrying 400 feet of hose, we would recommend that a small building be built near the East school-house.
Acknowledgements.

We wish to thank the members of the department for the prompt and willing manner in which they perform all duties assigned them, and for the desire shown on their part to preserve good behavior, unanimity of action, and proper respect to their superiors at all times. We would also include the police and all persons who have lent their aid.

Respectfully submitted.

JOHN A. YORK,
BRADFORD HOLBROOK,
MICHAEL CARROLL,

Engineers.
TREASURER'S REPORT.

At the close of another year, I herewith present my Report, as also a statement of the Town Debt, which has been reduced $5,000 as per appropriation made at the last annual meeting, and now stands at $42,800. This is small, compared with our neighbors, and other towns in the Commonwealth of similar population and valuation, and it is hoped that no extraordinary occasion will arise to necessitate any increase of our indebtedness, until the present debt is extinguished.

The Auditor has attended faithfully to his duty in making monthly examinations of my accounts, and vouchers for the same, which are given in detail in his report. Additional Library subscriptions were made in April, by the following donors: Samuel Noyes, $100; John H. Conant, $100; Edward B. Eaton, $50, and Mrs. A. L. Richards, $25, making a total of $20,300, out of which was paid $25 interest to Union Market National Bank, on note discounted in anticipation of the subscriptions. I was very successful in negotiating temporary loans the past year for money required in anticipation of taxes, the most of which was borrowed from the Commonwealth at the rate of 3 7/8 per cent. This probably is as low as any town has been able to borrow on short time. I would now suggest that the sum of $5,000 be appropriated to provide payment for the note due on April 1, proximo, and that the Treasurer be authorized, under the direction of the Selectmen, to borrow in anticipation of taxes, such sums as may be necessary to meet the current expenses; also, provision should be made to meet demand of matured paper, marked in the Debt Statement, should such contingency arise.
TREASURER'S REPORT.

The receipts have been, $168,372 24
Disbursements have been, 164,196 41
Balance in the treasury, $4,175 83
Town debt, $42,800 00.

Respectfully submitted.
JOHN K. STICKNEY, Treasurer.

WATERTOWN, Feb. 10, 1885.

The accounts of John K. Stickney, Esq., Treasurer, have been duly examined by me, proper vouchers have been shown for expenditures, and the balance as here given, is correct.

HOWARD RUSSELL, Auditor.

List of contributions for the purchase of land, and the erection of a building for the Free Public Library: —

<table>
<thead>
<tr>
<th>Name</th>
<th>Amount</th>
</tr>
</thead>
<tbody>
<tr>
<td>H. H. Hunnewell,</td>
<td>$10,000</td>
</tr>
<tr>
<td>Samuel Walker,</td>
<td>4,200</td>
</tr>
<tr>
<td>Edward Whitney,</td>
<td>1,000</td>
</tr>
<tr>
<td>Seth Bemis,</td>
<td>1,000</td>
</tr>
<tr>
<td>Mrs. Lucy W. Titcombe,</td>
<td>1,000</td>
</tr>
<tr>
<td>D. B. Flint,</td>
<td>500</td>
</tr>
<tr>
<td>Charles J. Barry,</td>
<td>500</td>
</tr>
<tr>
<td>S. R. Payson,</td>
<td>500</td>
</tr>
<tr>
<td>Mrs. P. C. Brooks,</td>
<td>500</td>
</tr>
<tr>
<td>Solon F. Whitney,</td>
<td>200</td>
</tr>
<tr>
<td>J. K. Stickney,</td>
<td>100</td>
</tr>
<tr>
<td>Mrs. Theo. Chase,</td>
<td>100</td>
</tr>
<tr>
<td>Charles B. Gardner,</td>
<td>$100</td>
</tr>
<tr>
<td>Rev. R. P. Stack,</td>
<td>100</td>
</tr>
<tr>
<td>Geo. K. Snow,</td>
<td>100</td>
</tr>
<tr>
<td>Samuel Noyes,</td>
<td>100</td>
</tr>
<tr>
<td>J. H. Conant,</td>
<td>100</td>
</tr>
<tr>
<td>Wm. H. Ingraham,</td>
<td>50</td>
</tr>
<tr>
<td>E. B. Eaton,</td>
<td>50</td>
</tr>
<tr>
<td>Wm. H. Dadmun,</td>
<td>25</td>
</tr>
<tr>
<td>Mrs. R. A. Bradford,</td>
<td>25</td>
</tr>
<tr>
<td>Mrs. A. L. Richards.</td>
<td>25</td>
</tr>
<tr>
<td>T. G. Abbott,</td>
<td>25</td>
</tr>
</tbody>
</table>

JOHN K. STICKNEY, Treasurer.
### List of Town Notes, Time of Maturing

<table>
<thead>
<tr>
<th>Town Debt</th>
<th>Am't.</th>
<th>Rate</th>
<th>Annual Interest</th>
<th>Interest due Semi-annually</th>
<th>Maturity</th>
<th>Remarks</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Loan negotiated at Messrs. Brewster, Bassett &amp; Co.'s, Boston.</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Note of April 1, 1878, seven &quot;</td>
<td>5,000</td>
<td>5</td>
<td>250 00</td>
<td>Oct. 1 and Apr. 1</td>
<td>April 1, 1885.</td>
<td></td>
</tr>
<tr>
<td>&quot; eight &quot;</td>
<td>5,000</td>
<td>5</td>
<td>250 00</td>
<td>&quot;</td>
<td>&quot;</td>
<td>&quot;</td>
</tr>
<tr>
<td>&quot; nine &quot;</td>
<td>5,000</td>
<td>5</td>
<td>250 00</td>
<td>&quot;</td>
<td>&quot;</td>
<td>&quot;</td>
</tr>
<tr>
<td>&quot; nine &quot;</td>
<td>5,000</td>
<td>5</td>
<td>250 00</td>
<td>&quot;</td>
<td>&quot;</td>
<td>&quot;</td>
</tr>
<tr>
<td>&quot; ten &quot;</td>
<td>5,000</td>
<td>5</td>
<td>250 00</td>
<td>&quot;</td>
<td>&quot;</td>
<td>&quot;</td>
</tr>
<tr>
<td>&quot; ten &quot;</td>
<td>5,000</td>
<td>5</td>
<td>250 00</td>
<td>&quot;</td>
<td>&quot;</td>
<td>&quot;</td>
</tr>
<tr>
<td>Martha Whitney, Note April 1, 1878...</td>
<td>1,500</td>
<td>4½</td>
<td>67 50</td>
<td>&quot;</td>
<td>&quot;</td>
<td>&quot;</td>
</tr>
<tr>
<td>Susan B. Whitney, Note April 1, 1878...</td>
<td>1,500</td>
<td>4½</td>
<td>67 50</td>
<td>&quot;</td>
<td>&quot;</td>
<td>&quot;</td>
</tr>
<tr>
<td>A. A. Learned, Note April 1, 1878...</td>
<td>1,800</td>
<td>4½</td>
<td>81 00</td>
<td>&quot;</td>
<td>&quot;</td>
<td>&quot;</td>
</tr>
<tr>
<td>A. Auguste Learned, Note April 1, 1878...</td>
<td>1,200</td>
<td>4½</td>
<td>58 50</td>
<td>&quot;</td>
<td>&quot;</td>
<td>&quot;</td>
</tr>
<tr>
<td>Bertha M. Whitney, Note April 20, 1878...</td>
<td>1,000</td>
<td>4½</td>
<td>45 00</td>
<td>&quot;</td>
<td>&quot;</td>
<td>&quot;</td>
</tr>
<tr>
<td><strong>Lowell Institution for Savings.</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Note of April 21, 1888...</td>
<td>5,500</td>
<td>6</td>
<td>330 00</td>
<td>Oct. and Apr. 21.</td>
<td>Oct. 21, 1888.</td>
<td></td>
</tr>
</tbody>
</table>

Total: $42,800  $2158 50
NOTE—The selectmen hold town treasurer's note for $2500; "Templeton Fund," dated August 21, 1874, on demand.

There is also in the treasury of the town the bequest of Martha Sanger, known as the "Martha Sanger Fund."

Interest allowed by the town of 5% per annum, to February 1, 1883, $500 00

Interest on said amount to February 1, 1884, at 5% $537 50

Disbursed during the year to Relief committee of Post 81, G. A. R., $564 37

Balance, $522 37

Interest on said amount to February 1, 1885, at 6% $522 37

Disbursed during the year to Relief committee of Post 81, G. A. R $548 48

Balance, $508 48

February, 10, 1885.

JOHN K. STICKNEY, Treasurer.
<table>
<thead>
<tr>
<th>Property Insured</th>
<th>Where Insured</th>
<th>Amount</th>
<th>Total</th>
<th>Expires</th>
</tr>
</thead>
<tbody>
<tr>
<td>Centre School House</td>
<td>Home Insurance Company, New York</td>
<td>$4,000 00</td>
<td></td>
<td>Mar. 1, 1887</td>
</tr>
<tr>
<td></td>
<td>Etna Insurance Company, Hartford, Ct</td>
<td>4,000 00</td>
<td>$8,000 00</td>
<td>Sept. 5, 1886</td>
</tr>
<tr>
<td>East School House and Outbuildings</td>
<td>Etna Insurance Company, Hartford Ct</td>
<td>2,000 00</td>
<td></td>
<td>Sept. 1, 1887</td>
</tr>
<tr>
<td></td>
<td>Home Insurance Company, New York</td>
<td>2,000 00</td>
<td></td>
<td>Sept. 4, 1886</td>
</tr>
<tr>
<td></td>
<td>North America, Philadelphia</td>
<td>2,000 00</td>
<td></td>
<td>Sept. 1, 1887</td>
</tr>
<tr>
<td>West School House, Outbuildings and Furniture</td>
<td>North British and Mercantile</td>
<td>4,000 00</td>
<td></td>
<td>Aug. 1, 1888</td>
</tr>
<tr>
<td>New School House, Etna Mills</td>
<td>Home Insurance Company, New York</td>
<td>2,000 00</td>
<td></td>
<td>Sept. 5, 1886</td>
</tr>
<tr>
<td>South School House, Furniture and Outbuildings</td>
<td>North British and Mercantile</td>
<td>3,000 00</td>
<td></td>
<td>July 16, 1887</td>
</tr>
<tr>
<td>Free Public Library Books</td>
<td>Home Insurance Company, New York</td>
<td>2,000 00</td>
<td></td>
<td>Nov. 20, 1887</td>
</tr>
<tr>
<td></td>
<td>North British and Mercantile</td>
<td>3,000 00</td>
<td></td>
<td>Nov. 1, 1886</td>
</tr>
<tr>
<td></td>
<td>Home Insurance Company, New York</td>
<td>4,000 00</td>
<td></td>
<td>Dec. 29, 1886</td>
</tr>
<tr>
<td></td>
<td>North British and Mercantile</td>
<td>4,000 00</td>
<td></td>
<td>Feb. 27, 1885</td>
</tr>
<tr>
<td></td>
<td>British America, Toronto</td>
<td>2,000 00</td>
<td></td>
<td>Oct. 11, 1886</td>
</tr>
<tr>
<td>Town House and New Engine House</td>
<td>Etna Insurance Company, Hartford, Ct</td>
<td>1,000 00</td>
<td></td>
<td>Sept. 1, 1886</td>
</tr>
<tr>
<td></td>
<td>Etna Insurance Company, Hartford, Ct</td>
<td>5,000 00</td>
<td></td>
<td>Oct. 11, 1886</td>
</tr>
<tr>
<td></td>
<td>Home Insurance Company, New York</td>
<td>3,000 00</td>
<td></td>
<td>Nov. 20, 1887</td>
</tr>
<tr>
<td></td>
<td>Royal Insurance Company, Liverpool</td>
<td>6,000 00</td>
<td></td>
<td>Nov. 20, 1887</td>
</tr>
<tr>
<td></td>
<td>North America, Philadelphia</td>
<td>5,000 00</td>
<td></td>
<td>Apr. 16, 1889</td>
</tr>
<tr>
<td>Piano in Town Hall</td>
<td>Home Insurance Company, New York</td>
<td>300 00</td>
<td>300 00</td>
<td></td>
</tr>
<tr>
<td>Description</td>
<td>Insurance Company</td>
<td>Amount</td>
<td>Date</td>
<td></td>
</tr>
<tr>
<td>--------------------------------------------------</td>
<td>----------------------------------------</td>
<td>--------</td>
<td>--------------</td>
<td></td>
</tr>
<tr>
<td>Almshouse, Barn and Live Stock</td>
<td>Home Insurance Company, New York</td>
<td>1,000 00</td>
<td>Nov. 15, 1885</td>
<td></td>
</tr>
<tr>
<td>Traders and Mechanics, Lowell</td>
<td>1,000 00</td>
<td>Sept. 30, 1887</td>
<td></td>
<td></td>
</tr>
<tr>
<td>North America, Philadelphia</td>
<td>1,000 00</td>
<td>Sept. 10, 1887</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Barn</td>
<td>Traders and Mechanics, Lowell</td>
<td>1,500 00</td>
<td>June 1, 1889</td>
<td></td>
</tr>
<tr>
<td>Live Stock</td>
<td>Etna Insurance Company, Hartford, Ct.</td>
<td>1,170 00</td>
<td>June 9, 1889</td>
<td></td>
</tr>
<tr>
<td>Hospital Building</td>
<td>Guardian Insurance Co., London</td>
<td>500 00</td>
<td>July 10, 1888</td>
<td></td>
</tr>
<tr>
<td>High School House and Philosophical Apparatus</td>
<td>North British and Mercantile</td>
<td>5,000 00</td>
<td>Nov. 25, 1888</td>
<td></td>
</tr>
<tr>
<td>Guardian Insurance Co., London</td>
<td>5,000 00</td>
<td>July 10, 1888</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Home Insurance Company, New York</td>
<td>5,000 00</td>
<td>Dec. 16, 1888</td>
<td></td>
<td></td>
</tr>
<tr>
<td>North America, Philadelphia</td>
<td>2,500 00</td>
<td>Oct. 12, 1888</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Hartford Fire Insurance Co., Hartford, Ct.</td>
<td>2,375 00</td>
<td>Feb. 13, 1887</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Royal Insurance Company, Liverpool</td>
<td>5,000 00</td>
<td>Aug. 25, 1888</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Furniture</td>
<td>Home Insurance Company, Philadelphia</td>
<td>1,000 00</td>
<td>Feb. 7, 1889</td>
<td></td>
</tr>
<tr>
<td>Annex</td>
<td>750 00</td>
<td>Mar. 2, 1888</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Lowell School House</td>
<td>London Assurance Corporation</td>
<td>2,000 00</td>
<td>Feb. 8, 1887</td>
<td></td>
</tr>
<tr>
<td>Tilton House</td>
<td>Middlesex Mutual Insurance Company</td>
<td>1,500 00</td>
<td>Nov. 1, 1887</td>
<td></td>
</tr>
<tr>
<td>New Library Building</td>
<td>Queen Insurance Company, Liverpool</td>
<td>5,000 00</td>
<td>Sept. 21, 1888</td>
<td></td>
</tr>
<tr>
<td>Lancashire Insurance Co., Manchester</td>
<td>5,000 00</td>
<td>Jan. 27, 1889</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Etna Insurance Company, Hartford</td>
<td>5,000 00</td>
<td>Jan. 27, 1890</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Home Insurance Company, New York</td>
<td>5,000 00</td>
<td>20,000 00</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Policies expiring during the year, $3,000.

Watertown, February 10, 1885.  
John K. Stickney, Treasurer.
REPORT OF THE SURVEYOR OF HIGHWAYS.

The undersigned respectfully submits to the town his report of the Highway Department for the year ending January 31, 1885.

The amount appropriated for Highways and Drainage was $10,000, to which should be added $1,738.04 for labor performed for other departments and credited to the Highway Department.

I regret that in presenting this report, I cannot speak as favorably of the condition of the streets as I did last year; for in addition to the ordinary wear, the laying of the water pipes last fall (an improvement long demanded and much needed) is under any circumstance not calculated to improve the condition of the streets through which they pass; especially is this true of cement lined pipes, for it is claimed by the contractors that tamping the soil around the pipe is liable to injure the cement coating, therefore the trenches were simply filled and left to await the natural settlement, which varies with the condition of the soil. But as this matter is in the hands of a company, mostly composed of gentlemen, who in the past have been considered among the most prominent of our public spirited citizens, and is moreover under the direction of the selectmen, there is no doubt that everything that can be done by the company, will be done as soon as the natural conditions will admit. It is only mentioned here as one of the unfavorable conditions affecting the streets at the present time.

There is also the natural wear of the streets which is constantly increasing, to be taken into the account, and if we are to keep pace with the demands of the times, and sustain the reputation acquired in the past of having as good streets as any of our neighbors, it seems to me that a larger appropriation than is now granted will be necessary, or special appropriations will be needed each year for streets that are beyond the ordinary means of the department.
The most difficult problem for your superintendent to meet, is to obtain economically, material of which to make the roads. The only gravel banks at present available, are at the Town Farm, and at Mr. Cassidy's. There is none at the east part of the town; and at the west, the water company has purchased the land of Mr. Sullivan where the supply has been obtained for some years past. The only place to obtain it for these parts of the town is the Town Farm, at a cost of cartage alone of about $1.25 for each double load, and there seems no way at present open to lessen this expense.

The obtaining of stone for use at the crusher, is becoming a matter of greater difficulty each year, as the supply at the nearer points has been exhausted, and the teams have now so far to go that only two trips can be made in a day; and the supply even then is limited, so it can be seen that to accumulate any considerable supply is a tedious job under the most favorable conditions. About 400 loads of stone suitable for crushing have been obtained from the trenches of the water company. This amount, though falling far below our expectations (owing to the substratum of a large portion of the town being of a sandy nature), will this year furnish a large part of our supply. The ledge met with has been, with one exception, slate, a material wholly unsuited for roads. The exception mentioned is on Galen street, near the residence of Mr. H. P. Page, where a ledge of the hardest stone was found that it has been my experience to meet with, and though it is difficult to crush, it would make a hard and durable road-bed, for, with its hardness, it combines that next essential condition, toughness, two qualities seldom found together. Several loads were taken to the crusher, and the committee on procuring a ledge for the town was invited to see it broken. I would refer you to their report for further particulars.

The city of Cambridge, having obtained the necessary permission from the Legislature, is to lay a large water main through Mount Auburn street from its junction with Belmont street to the Carleton House; from there it crosses private grounds to Arsenal
street, at the Union Market station; then through Arsenal street to Main street, to Cross street, and through Pleasant street. This is to connect their works at Waltham with Fresh Pond. The pipe has already been distributed over a portion of the route, and work will commence early in the spring. This is another source of disturbance to our streets, but one while resulting in considerable inconvenience to the public during its continuance, will not cause any permanent trouble, for, by the terms of the act, the work shall be performed to the satisfaction of the Selectmen. It would be unwise, therefore, to make more than absolutely needed repairs this year on Pleasant street and Arsenal street, where the pipe is to be laid; but there is that portion of Arsenal street from Arlington street to the bridge which will need to be thoroughly repaired during the coming season; for a considerable portion of the distance it is worn to the soft road-bed. The south side of the street, upon which it was widened in 1880, has settled about a foot below the opposite side, and to make a good job, should be graded before receiving a coating of crushed stone. But to do this out of the regular appropriation would necessitate the abandonment of many much needed repairs on other streets, therefore I would ask for a special appropriation for this work. Market street will need macadamizing in three separate places. Main street near Green street, and near the West school house, should also be done this season. These repairs, together with the regular work of the department, will more than exhaust the appropriation. That portion of the retaining wall on Market street near the Arsenal grounds not relaid two years ago, is now in a dangerous condition, and I think will need rebuilding this year.

I would again call your attention to the drainage of Franklin street; the condition here is worse than at the last report. Mr. Otis having filled his land to the grade of the sidewalk, has stopped the drain placed there, causing the water to accumulate in the street, making it, with one exception, the worst in the town. A drain could be laid connecting with the culvert in the stock yards, and the permission to do this, the engineer of the railroad company
has assured me would be given; and I would suggest it be left with the Selectmen, and if they consider it expedient to do the work this year, that they have the authority given them to draw the money from the contingent fund for its completion.

Some action should also be taken with the drainage of Main street at the West school, for it is impossible for the children to get in or out of the school house yard without getting wet feet during a thaw in the winter season; a large body of water coming down Main and Lexington streets concentrates at this spot.

The bridges have again claimed a good share of my attention, the one on Galen street over the mill creek (a portion of which gave away last year) was rebuilt in a most substantial manner of hard pine timber; over this was laid a four-inch planking of the same material, and upon this was placed on the north side of the railroad a coating of coal tar pitch; under the track and on the south side the coating was asphaltum, thereby giving an opportunity to see which is the best preservative. The whole was then covered with two inches of soft tar concrete, and this again with the road-bed of crushed stone. This manner of construction should be one of great durability, as it is almost impossible for moisture to reach the planking of a bridge so constructed.

The bridge leading to the Paper Mill over the Mill creek, and the bridge over the wasteway belonging to the same mill, have been rebuilt of hard pine timber with a covering of four-inch spruce planking. The retaining walls of the latter were also relaid. The Arsenal street bridge was also replanked. This is now needed every year, owing to the great wear to which it is subjected.

There have been 1800 tons of crushed stone placed on the following streets during the year: Arsenal, from the entrance to the Carpet Lining works to near Elm street; Galen street, on the east side of the railroad track, from the bridge to Boyd, and on the west side from opposite Water to Boyd street; on Spring street near the Whiting estate, and on Common street, near Spring.
Gravel has been placed on Arlington, Boyd, Common, Jewett, Morse, Spring and Water streets.

Drain pipe has been laid on Fayette, Market, Pleasant and Spring streets: in all, 375 feet.

Six catch basins have been constructed, one on Galen, one on Main at the junction of Mount Auburn, two on Market, one on Pearl, and one on Pleasant street.

There has been added to the property of the department, a one-horse sled for the collection of ashes and other light work, and a snow-plow of the pattern used in several neighboring towns.

I would recommend the following appropriations for the ensuing year:

1st. That the sum of $10,000 be granted for the use of the Highway Department.

2nd. That the sum of $2,500 be granted for the repairs of Arsenal street from the bridge to Arlington street.

Respectfully submitted.

CHARLES F. JACKSON.
Surveyor of Highways.
TOWN GRANTS AND APPROPRIATIONS.

The money granted by the town for the support of the various departments was as follows, viz:—

Support of schools, and paying Superintendent, $19,975.00
Fire department, 5,200.00
Support of poor, 5,000.00
Highways and drainage, 10,000.00
Bridges and culverts, 1,000.00
Prying interest on town debt, 2,800.00
Salaries of town officers, 3,375.00
Discounts and abatements, 3,000.00
Paying a portion of town debt, 3,000.00
Police, 4,500.00
Insurance, 300.00
Free Public Library, and dog tax, 2,500.00
Concrete walks, 2,000.00
Contingent and others, 1,000.00
Street lights and lamp posts, 3,700.00
Printing, 600.00
Town Hall, care of, 700.00
Cemeteries, 100.00
Isaac B. Patten Post 81, G. A. R., 200.00
Supply of fuel, 1,500.00
State aid, 600.00
Military aid, 500.00
Removal of ashes and garbage, 600.00
Alterations and repairs on town house, 1,250.00
Land of John Gleason, 7,700.00
Grading land of John Gleason, 300.00
Erecting new school house, 12,500.00
Planting shade trees, 300.00

Total grants, $96,200.00
APPRAISEMENT.

Personal property at the Almshouse in Watertown,
pertaining to and used on the Town Farm, $2,549 75
Pertaining to and used on highways, 4,167 25
$6,717 00

Additional inventory in detail of the above property can be seen at the Selectmen's room, in a book kept for that purpose.

OLIVER SHAW,  Selectmen
JAMES W. MAGEE,  of
ABRAHAM L. RICHARDS,  Watertown.
SCHEDULE AND VALUATION OF TOWN PROPERTY.

TOWN FARM.

31½ acres of land, $600. $18,900.00
Buildings on the same, as follows, viz.:
House, $2,000.00
Barn, 2,500.00
Hospital, 1,000.00

5,500.00

Personal property, as per appraisement $2,549.75
Used on roads, 4,167.25

$24,400.00

TOWN-HOUSE AND LAND, AND ENGINE-HOUSE.

12,920 feet of land, 60 cents, $7,752.00
Town-house and engine-house, 23,500.00
Furniture in town-house, including heating apparatus, 2,500.00

33,752.00

HIGH SCHOOLHOUSE.

57,010 feet of land, $6,000.00
High Schoolhouse and furniture, 27,000.00
Philosophical apparatus, 1,500.00
Library and piano, 500.00

33,000.00

CENTRE SCHOOLHOUSE.

15,318 feet of land, $2,500.00
School-house and furniture, 9,000.00
Piano, 150.00

11,650.00

Carried forward, $111,519.00
**VALUATION OF TOWN PROPERTY.**

Brought forward, $111,519 00

<table>
<thead>
<tr>
<th><strong>EAST SCHOOLHOUSE.</strong></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>27,378 feet of land,</td>
<td></td>
</tr>
<tr>
<td>Schoolhouse and furniture,</td>
<td>$1,300 00</td>
</tr>
<tr>
<td>Piano,</td>
<td>7,000 00</td>
</tr>
<tr>
<td></td>
<td>150 00</td>
</tr>
<tr>
<td></td>
<td>8,450 00</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th><strong>WEST SCHOOLHOUSE.</strong></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>21,500 feet of land,</td>
<td></td>
</tr>
<tr>
<td>School-house and furniture,</td>
<td>$1,400 00</td>
</tr>
<tr>
<td>Piano,</td>
<td>10,000 00</td>
</tr>
<tr>
<td></td>
<td>150 00</td>
</tr>
<tr>
<td></td>
<td>11,550 00</td>
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</tbody>
</table>

<table>
<thead>
<tr>
<th><strong>NEW WEST SCHOOLHOUSE.</strong></th>
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</tr>
</thead>
<tbody>
<tr>
<td>48,120 feet of land,</td>
<td></td>
</tr>
<tr>
<td>School-house and furniture,</td>
<td>$1,500 00</td>
</tr>
<tr>
<td>Piano,</td>
<td>5,000 00</td>
</tr>
<tr>
<td></td>
<td>6,500 00</td>
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</tbody>
</table>

<table>
<thead>
<tr>
<th><strong>SOUTH SCHOOLHOUSE.</strong></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>11,830 feet of land,</td>
<td></td>
</tr>
<tr>
<td>School-house and furniture,</td>
<td>$1,300 00</td>
</tr>
<tr>
<td>Piano,</td>
<td>9,000 00</td>
</tr>
<tr>
<td></td>
<td>150 00</td>
</tr>
<tr>
<td></td>
<td>10,450 00</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th><strong>LOWELL SCHOOLHOUSE.</strong></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>15,648 feet of land,</td>
<td></td>
</tr>
<tr>
<td>Schoolhouse and furniture,</td>
<td>$450 00</td>
</tr>
<tr>
<td></td>
<td>3,000 00</td>
</tr>
<tr>
<td></td>
<td>3,450 00</td>
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</tbody>
</table>

<table>
<thead>
<tr>
<th><strong>APPARATUS USED BY FIRE DEPARTMENT.</strong></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Steam fire engine and hose-carriage,</td>
<td>$3,500 00</td>
</tr>
<tr>
<td>Five horses for engine and hose carriage,</td>
<td>1,000 00</td>
</tr>
<tr>
<td>Hose, harnesses and furniture,</td>
<td>2,000 00</td>
</tr>
<tr>
<td>New hook-and-ladder truck,</td>
<td>600 00</td>
</tr>
<tr>
<td>Four hose-carriages,</td>
<td>200 00</td>
</tr>
<tr>
<td>Tender-wagon, pung, and equipments,</td>
<td>300 00</td>
</tr>
<tr>
<td></td>
<td>7,600 00</td>
</tr>
</tbody>
</table>

Carried forward, $159,519 00
Brought forward, 159,519.00

**Public Library.**

<table>
<thead>
<tr>
<th>Item</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Land</td>
<td>10,000.00</td>
</tr>
<tr>
<td>Building and heating apparatus</td>
<td>30,000.00</td>
</tr>
<tr>
<td>Library and furniture</td>
<td>12,000.00</td>
</tr>
<tr>
<td><strong>Total valuation of town property</strong></td>
<td>$52,000.00</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Item</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Iron safe at Town Treasurer's</td>
<td>40.00</td>
</tr>
<tr>
<td>Hay-scales</td>
<td>150.00</td>
</tr>
<tr>
<td>Gravel bank on Bacon Hill, 1 2-5 acre of land</td>
<td>1,000.00</td>
</tr>
<tr>
<td>Two water-carts</td>
<td>450.00</td>
</tr>
<tr>
<td>Tainter gravel-lot</td>
<td>350.00</td>
</tr>
<tr>
<td>Titcomb land</td>
<td>18,000.00</td>
</tr>
<tr>
<td>Bath-house</td>
<td>800.00</td>
</tr>
<tr>
<td>Amount paid on new schoolhouse</td>
<td>1,471.50</td>
</tr>
<tr>
<td><strong>Total valuation of town property</strong></td>
<td>$233,780.50</td>
</tr>
</tbody>
</table>
AUDITOR'S REPORT.

SCHEDULE OF RECEIPTS AND EXPENDITURES FOR THE FISCAL YEAR, ENDING JANUARY 31, 1885.

RECEIPTS.

Cash in treasury, February 10, 1884, $6,336.28
Received of William E. Farwell, collector, taxes and interest, 1882, 5,756.92
William E. Farwell, collector, taxes and interest, 1883, 9,124.26
William E. Farwell, collector, taxes and interest, 1884, 87,316.02
Borrowed of the Watertown Savings Bank, at 4 per cent., 10,000.00
Borrowed of the Commonwealth, at 3 7-8 per cent., 20,000.00
Borrowed of the Commonwealth, at 5 per cent., 10,000.00

$148,533.48

ON ACCOUNT OF ALMSHOUSE.

Received of Z. Boody, sale of cow and calf, $46.00
Received of town of Wrentham, aid rendered O. I. Barton, 56.89
Received of town of Wareham, aid rendered Michael Malley, 21.16
### AUDITOR'S REPORT.

Received of J. M. Fiske, labor of prisoners, $12 77

Received of Superintendent of Highways, for hay and straw, 260 00

**ON ACCOUNT OF CEMETERIES.**

Received of Alexander Gregg, sale of lot No. 54 1-2, to A. B. Hall, $40 00
Lot No. 175, to Mrs. McWhirter, 12 50
Lot No. 176, to G. B. Stone, 15 00

**ON ACCOUNT OF CONCRETE WALKS.**

Received of William E. Farwell, collector, assessments collected from abutters, $193 41
Of abutters, assessments not committed to collector, 481 20

**ON ACCOUNT OF FIRE DEPARTMENT.**

Received of John A. York, sale of manure, $35 00
Of John A. York, for teaming water and sale of old hose and junk, 55 86

**ON ACCOUNT OF HIGHWAY DEPARTMENT.**

Received of Charles F. Jackson, Superintendent, for labor on sidewalks, $310 00
<table>
<thead>
<tr>
<th>Description</th>
<th>Amount</th>
</tr>
</thead>
<tbody>
<tr>
<td>Received for removal of ashes</td>
<td>$617.90</td>
</tr>
<tr>
<td>For labor, setting trees (Town Improvement)</td>
<td>58.20</td>
</tr>
<tr>
<td>For labor, grading John Gleason’s land</td>
<td>34.50</td>
</tr>
<tr>
<td>For labor on bridges and culverts</td>
<td>493.15</td>
</tr>
<tr>
<td>For sundry outside labors</td>
<td>162.87</td>
</tr>
<tr>
<td>For filling cellar, and grading on Park land</td>
<td>189.07</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td><strong>$1,865.69</strong></td>
</tr>
</tbody>
</table>

ON ACCOUNT OF POLICE DEPARTMENT.

Received of J. H. Holt, keeper lock-up, fees, $4.75

<table>
<thead>
<tr>
<th>Description</th>
<th>Amount</th>
</tr>
</thead>
<tbody>
<tr>
<td>Received of County Treasurer, dog tax,</td>
<td>$430.68</td>
</tr>
<tr>
<td>Samuel Noyes, subscription</td>
<td>100.00</td>
</tr>
<tr>
<td>E. B. Eaton, subscription</td>
<td>50.00</td>
</tr>
<tr>
<td>Mrs. A. L. Richards, subscription</td>
<td>25.00</td>
</tr>
<tr>
<td>J. H. Conant, subscription</td>
<td>100.00</td>
</tr>
<tr>
<td>S. F. Whitney, Librarian, fines, catalogues, etc.,</td>
<td>110.16</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td><strong>$815.84</strong></td>
</tr>
</tbody>
</table>

ON ACCOUNT OF REMOVAL OF ASHES.

Received of Charles F. Jackson, for extra labor, $19.15

<table>
<thead>
<tr>
<th>Description</th>
<th>Amount</th>
</tr>
</thead>
<tbody>
<tr>
<td>Received of Charles F. Jackson, for extra labor</td>
<td>$19.15</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td><strong>$19.15</strong></td>
</tr>
</tbody>
</table>
AUDITOR'S REPORT.

ON ACCOUNT OF SCHOOLS.
Received for rent of Aetna Mills school-room, $25 00
Of Superintendent of Streets, iron pipe, 10 72
Of Treas'r of Commonwealth School Fund, 64 63
$100 35

ON ACCOUNT OF TOWN HALL.
Received of Geo. H. Gregg, janitor, rent of hall to Feb. 1, 1885, $297 00
$297 00

MISCELLANEOUS RECEIPTS.
Received of Treasurer of Commonwealth, corporation tax, $6,560 56
Treasurer of Commonwealth, Nat'l Bank tax, 1,364 32
Treasurer of Commonwealth, State aid, 566 00
Treasurer of Commonwealth, military aid, 230 20
Treasurer of Commonwealth, tax on ships engaged in foreign trade, 817 91
J. F. Lynch, rent of Titcomb house, 150 00
James Dowd, rent of pasture, Titcomb land, 30 00
Liquor dealers' licenses, 3,403 00
S. S. Gleason, net proceeds of sale of Titcomb house, 2,196 00
AUDITOR'S REPORT.

Received of Charles N. Haynes, billiard table license, $2.00
A. L. Lathrop, billiard table license, 2.00
Thomas Patten, fees for weighing at Town Scales, 66.20
Town Treasurer, interest on John Templeton Fund, 118.00

$15,506.19
$168,372.24

EXPENDITURES.

To cash paid Almshouse, $6,965.00
Bridges and culverts, 1,861.23
Contingent, 4,636.00
Cemeteries, care of, 136.22
Concrete walks, 2,412.48
Discounts and abatements, 5,005.85
Fire department, 4,938.53
Fuel for public buildings, 1,349.94
Highways and drainage, 11,861.50
I. B. Patten Post 81, G. A. R., 200.00
Insurance, 267.77
Interest, 3,142.13
Military aid, 454.93
New school building, 1,471.50
Purchase of John Gleason land and grading, 8,008.81
Police, 4,726.24
Public Library and building, 10,612.49
AUDITOR'S REPORT.

To cash paid Printing, $546.95
Removal of ashes and garbage, 617.90
Schools, 20,344.07
Salaries, 3,975.00
Street lights and lamp posts, 3,652.44
State aid, 382.00
Town House, lighting and care of, 779.06
Town House alterations, 1,652.44
Town Improvement, 390.00
Town debt, portion of, 5,000.00
Templeton fund, 118.00
Martha Sanger fund, 40.00
State tax, 8,900.00
National Bank tax, 737.93
Borrowed money, 50,000.00

Balance in treasury, $164,196.41
4,175.83
$168,372.24

Receipts and Expenditures in Detail.

ALMSHOUSE.

Receipts.

To appropriation, $5,000.00
Z. Boody, sale of cow and calf, 46.00
Town of Wrentham, aid rendered O. I. Barton, 56.89
Town of Wareham, aid rendered Michael Malley, 21.16
J. M. Fiske, labor of prisoners at House of Correction, 12.77
AUDITOR’S REPORT.

To Superintendent of Highways for hay and straw, $260 00
Contingent transfer, authorized Nov. 7, 1,568 18 $6,965 00

Expenditures.

SALARIES.

Z. Boody, superintendent one year, $500 00
Fred. L. Noyes, agent and almoner, 25 00
Dr. L. S. Smith, town physician one year, 100 00
Annie McAaskill, domestic one year, 157 50 $782 50

GROCERIES,

C. W. Berry, $213 23
E. C. & A. B. Hall, 133 81 $347 04

HAY, GRAIN AND FLOUR.

Coffin, Magee & Co., $491 11 $491 11

PROVISIONS, MEAT AND FISH.

W. H. Lyman, $124 58
Plaisted & Eames, 37 06
H. P. Mason, 74 30
Hackett Bros., 61 05
J. H. Snow, 40 00 $336 99

DRY GOODS, BOOTS, SHOES AND CLOTHING.

A. L. Gordon, $37 36
Otis Brothers, 109 91
Critchett & Sawyer, 15 50
J. R. Parlin, 9 05 $171 82
AUDITOR’S REPORT.

FUEL.

George H. Sleeper, coal, $113.40

FURNITURE, REPAIRS, AND CROCKERY WARE.

Luther Bent & Co., $6.15
George E. Adams, 11.29 $17.44

HARDWARE, TOOLS, AND GRASS SEED.

R. H. Paine, $12.48
George E. Teele, 13.62 $26.10

BLACKSMITHING AND REPAIRS.

John Ross, $80.80
J. F. Ham, 10.85 $91.65

MISCELLANEOUS REPAIRS.

Lucius Bemis, mason work, $4.25
John Page, setting glass and painting, 3.05
Henry Collins, paper hangings, 4.28
Moses Whiting, carpenter work, 34.04
Geo. S. Bowen, pump repairs, 3.50
Mrs. Geo. McWhirter, harness re­
pairs, 4.60
Henry Russell, setting glass (pest­
house), 3.96
Berry & Moody, carpenter work, 8.66 $66.34

MISCELLANEOUS.

Walker & Pratt Manufacturing Co.,
kettles, tin ware and repairs, $16.80
A. D. Drew, repairing boots and
shoes, 14.30
AUDITOR’S REPORT.

Z. Boody, cash paid for labor, butter, potatoes, etc., $62 50
Gilkey & Stone, lumber and plaster, 7 71
William Wallace, labor, 17 50
McLauthlin & Co., pauper register, 6 00
T. P. Emerson, expressage, 1 45
Mrs. J. Albert Sullivan, medicines, 5 50
S. S. Gleason, subscription, Enterprise, 1 50
Howard Brothers, ice, 25 00
H. W. Martin, mattress tick, 2 50
J. B. Rogers, killing hogs, 7 50
W. L. Stiles, tinware and repairs, 5 40
J. B. Woodward, medicines, 26 28
Fire department, manure, 35 00

$234 94

$2,679 33

ASSISTANCE TO PERSONS OUTSIDE OF ALMSHOUSE.

Burke, Mrs. James, fuel, groceries and rent, $187 39
Butterfield, Harriet L., at Worcester Lunatic Hospital, 181 32
Beatie, Robert H., aid by city of Boston, 1 00
Bright, Geo. W., provisions, groceries and rent, 116 50
Broderick, Mrs. Dennis, groceries and fuel, 101 90
Booker, Bridget, rent, and aid by city of Boston, 106 07
Barton, O. L., groceries, 42 00
Buckey, Ellen, medicines, 5 90
Chase, Mrs. Charles, groceries, 53 00
Clarke, Mrs. Belinda, fuel and groceries, $60 96
Croft, John P., board and clothing, House of Reformation, 47 08
Clouse, Mrs. Ellen A., $5 a month, 55 00
Claflin, R. F., groceries, provisions and fuel, 53 44
Cosgrove, Mrs., groceries, 12 60
Dailey, Mary A., $5 a month, 60 00
Dunn, Mrs., dry goods, 4 00
Fenton, Martha A., at Lunatic Hospital, Taunton, 176 92
Fearick, Mrs. Mary, groceries, 3 00
Ford, Amelia, Asylum for Chronic Insane, 185 37
Flynn, Margery, Worcester Lunatic Hospital, 192 59
Fahey, Martin, at House of Angel Guardian, 41 17
Gallagher, Mrs. Michael, monthly aid and flour, 295 30
Galvin, Maurice, flour, shoes, fuel and medicines, 41 75
Green, Julia A., aid by city of Boston, 3 63
Hall, Richard, medicines, fuel, rent and provisions, 62 44
Hughes, Mrs. Mary, groceries, 70 50
Hannigan, Mrs. P., fuel and rent, 15 13
Horton, John, medicines, 25
Kelly, Mary, groceries, 39 90
Loftis, Patrick, at House of Correction, 8 46
Logan, Mrs. Peter, rent, fuel and flour, 123 96
McGuire, Mary, medicines, 1 85
Moulton, Alice, transportation, 12 00
<table>
<thead>
<tr>
<th>Name</th>
<th>Description</th>
<th>Amount</th>
</tr>
</thead>
<tbody>
<tr>
<td>Morris, Mrs. E. O.</td>
<td>rent and medical attendance</td>
<td>$97.00</td>
</tr>
<tr>
<td>Melnes, Edward</td>
<td>medicines and burial</td>
<td>37.20</td>
</tr>
<tr>
<td>Malloy, Charles</td>
<td>fuel and groceries</td>
<td>12.38</td>
</tr>
<tr>
<td>Malley, Michael</td>
<td>flour, fuel and groceries</td>
<td>22.16</td>
</tr>
<tr>
<td>Meagher, Mrs.</td>
<td>fuel and groceries</td>
<td>65.16</td>
</tr>
<tr>
<td>McSherry, Owen</td>
<td>at House of Correction</td>
<td>4.80</td>
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<tr>
<td>McGuiggen, Mrs.</td>
<td>medicines</td>
<td>4.55</td>
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<tr>
<td>McCarthy, Dennis</td>
<td>aid by city of Boston</td>
<td>5.83</td>
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<tr>
<td>Norcross, Mrs. Allen</td>
<td>medicines, fuel and rent</td>
<td>135.62</td>
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<tr>
<td>Nugent, Miss</td>
<td>monthly aid, $5 a month</td>
<td>60.00</td>
</tr>
<tr>
<td>Nicholson, Mary</td>
<td>fuel and medicines</td>
<td>5.53</td>
</tr>
<tr>
<td>O'Mara, James</td>
<td>at House of Correction</td>
<td>20.80</td>
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<tr>
<td>Pendergast, Frank S.</td>
<td>aid by city of Boston</td>
<td>46.00</td>
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<tr>
<td>Pond, Mrs. C. A.</td>
<td>aid by city of Newton</td>
<td>3.75</td>
</tr>
<tr>
<td>Quinlan, John</td>
<td>family of, aid by Framingham</td>
<td>118.71</td>
</tr>
<tr>
<td>Rooney, John</td>
<td>at House of Angel Guardian</td>
<td>40.96</td>
</tr>
<tr>
<td>Reagan, Mrs.</td>
<td>rent</td>
<td>32.50</td>
</tr>
<tr>
<td>Sullivan, Florence</td>
<td>provisions, rent, medicines and nurse</td>
<td>377.99</td>
</tr>
<tr>
<td>Spaulding, Mr. E. G.</td>
<td>fuel, groceries and dry goods</td>
<td>206.16</td>
</tr>
<tr>
<td>Spilaine, Mrs.</td>
<td>fuel and groceries</td>
<td>26.26</td>
</tr>
<tr>
<td>Swan, S. B.</td>
<td>medicines</td>
<td>25.00</td>
</tr>
<tr>
<td>Sullivan, Daniel</td>
<td>medicines</td>
<td>2.75</td>
</tr>
</tbody>
</table>
AUDITOR'S REPORT.

Sullivan, John J., groceries and dry goods, $186.31
Skinner, Lucy, aid by city of Boston, 2.00
Travellers, aid by refreshments, 19.51
Trickey, Emma F., aid by city of Boston, 2.28
Vahey, Mrs. John, medicines, provisions, rent and fuel, 344.62
Victory, Mrs., dry goods, 1.50
Walker, Charles, 12 months' aid, 30.00
Ward, John M., aid by city of Boston, 11.31

$4,285.67
$6,965.00

BRIDGES AND CULVERTS.

To appropriation, $1,000.00
Contingent transfer authorized Nov. 7, 861.23

$1,861.23

Expenditures.

To Gilkey & Stone, lumber and cement, $700.91
Berry & Moody, carpenter work and lumber, 382.26
Pevear & Russell, brick, 19.95
Thomas L. French, mason work, 24.33
Murray & Donohoe, stone cutting, 26.00
John Ross, irons and bolts, 15.65
Moses Whiting, carpenter work, 27.26
Walker & Pratt Manufacturing Co., brick, 1.50
D. F. Tripp, pitch and labor, 129.12
J. T. Blaisdell, building dam above bridge, 10.50
AUDITOR'S REPORT.

To A. J. Shipton, tending water gate, $4 80
M. F. Whiton, oakum, 3 50
C. F. Jackson, oakum and expressage, 3 65
J. H. Norcross, flag stones, 3 00
George E. Teele, spikes, 3 65
Thomas Gavin, stone for Paper Mill bridge, 12 00
Highway department, labor, 493 15

CONTINGENT.

To appropriation, $1,000 00
Treasurer of Commonwealth, corporation tax, 6,560 56
Treasurer of Commonwealth, balance of National Bank tax, 626 39
Treasurer of Commonwealth, State Aid, 566 00
Treasurer of Commonwealth, Military Aid, 230 20
Treasurer of Commonwealth, tax on ships engaged in foreign trade, 817 91
J. F. Lynch, rent of Titcomb house, 150 00
James Dowd, rent of pasture, Titcomb land, 30 00
Liquor dealers' licenses, 3,403 00
S. S. Gleason, net proceeds sale of Titcomb house, 2,196 00
Charles N. Haynes, billiard table license, 2 00

$1,861 23.
AUDITOR’S REPORT.

A. L. Lathrop, billiard table license, 2 00
Thomas Patten, fees for weighing on Town scales, 66 20
Overlay of taxes, $15,650 26
924 53
$16,574 79

Expenditures.

To McLauthlin & Co., stationery, filing boxes and books, $33 57
John Ross, repairs on pump and water cart, 18 10
Philemon Priest, ringing bell, 3 00
Thomas Patten, book of weigher’s tickets, 1 50
Thomas Patten, salary as weigher, Town scales, 33 10
Dr. L. B. Morse, returns of births, 3 00
I. S. Morse, professional services, 50 00
Edwin Rogers, fire alarm wire in excess of contract, 125 00
Dr. A. Hosmer, death certificate, 2 00
Fred. G. Barker, envelopes, circulars, license bonds, 43 35
D. F. Tripp, distributing Town Reports, 3 50
S. S. Gleason, advertising, 75 00
Hiram Williamson, ringing bell, 7 50
Edward S. Smilie, engineer, Arsenal street case, 85 30
H. L. Wiley, assistant engineer, Arsenal street case, 3 00
City of Newton, making survey and locating lines, Arsenal street case, 22 93
AUDITOR'S REPORT.

To Albert F. Noyes, copy of plans, and services, Arsenal street case, $47 22
W. A. Learned, services in Arsenal street case, 32 00
W. F. Learned, services in Arsenal street case, 10 00
Crafts & Forbes, professional services, Arsenal street case, 71 80
J. K. Stickney, check books, postage and stationery, 8 50
J. K. Stickney, preparing State Aid papers, and making returns, 12 00
Highway Department, filling cellar and grading Titcomb land, 189 07
John Sullivan, land damages, 150 00
Bridget Riley, damages awarded in full for injuries received by fall, 100 00
W. E. Farwell, valuation list, South side, 9 00
W. E. Farwell, check books and postage, 15 15
J. B. Goodrich, legal services, 475 00
Treasurer of Commonwealth, corporation tax, previous years, 2 46
L. P. Wiley, refreshments to town officers at Town Meeting, 54 35
Highway Department, labor on water pipes, and Silk Factory dam, 35 22
N. Jenkins, brass lined Town pump, 27 50
Geo. S. Bowen, repairing pump, Summer street, 1 25
To Wm. Rogers, care of Town clock
one year, $50.00
Alexander Griswold, painting water cart, 17.00
A. D. Henderson, raising draw, 101.00
Walker & Pratt Manufacturing Co., iron dippers, and repairing
Auditor's box, 1.91
Andrew Goodwin, ringing bell, 3.00
R. H. Paine, hammer and tacks, 41.00
Charles Cummings, ringing bell, 4.00
Patrick Hartnett, line fence, Bacon Hill, 26.52
George E. Teele, keys to bathhouse, 20.00
J. J. Sullivan, legal services, Hannah Downing and Tuttle cases, 237.65
Oliver Shaw, expenses in Downing and Caswell cases, 14.00
Dr. A. Hosmer, services, Downing case, 50.00
Hannah Downing, damages awarded, 521.41
Treasurer of Commonwealth, one-fourth of amount received from liquor licenses, 850.75
Dr. G. A. Tower, returns of births, 2.50
Thomas Gavin, re-pointing walls, cemetery, and Galen street, 46.23
Thomas Gavin, stone for Silk Factory dam, 4.00
Thomas Gavin, stone for river wall, Pleasant street, 2.22
AUDITOR'S REPORT.

To Thomas Gavin, stone for culvert at J. Hartford's, $6 00.
S. S. Gleason, stamps, and stamped envelopes, 30 89.
Goodhue & Bernie, laying water pipes under canal and bridges, 148 36.
Board of Registration, labor, 200 00.
Clerk of Courts, term fees, and Record copies, 4 90.
George B. Stockwell, carriage hire, police, assessors, and selectmen, 55 00.
A. H. Stone, care of bath-house and ringing bell, 120 75.
A. J. Shipton, labor at dams, 11 40.
John Page, painting Town scales, 2 00.
George H. Gregg, testing scales, and marble for table, 2 25.
Alexander Gregg, returns of deaths, 16 25.
Charles F. Jackson, cash paid, sleeve for hydrant, 2 08.
John Ford & Son, licenses for liquor dealers, 9 00.
Moses Whiting, labor and stock at lockup, 34 23.
Berry & Moody, carpenter work, pump, hay scales, 71 35.
Charles Cummings, labor at town pump, 1 30.
George F. Morgan, recording deeds and mortgages, 15 45.
W. H. Ingraham, recording births, marriages and deaths, 86 50.
To W. H. Ingraham, time and services at Water Hearing, $25 00
W. H. Ingraham, time and services, Arsenal street case, 15 00
W. H. Ingraham, preparing pauper papers, 10 00
W. H. Ingraham, book for Registrars, 2 20
Davis & Farnum Manufacturing Co., repairing water pipe, 5 00
A. L. Thompson, carpenter work at Silk Factory dam, 16 44
J. T. Blaisdell, labor at bathhouse, 7 50
L. T. Bemis, ringing bell, 2 00
Oliver Shaw, cash paid for labor on Town safe, 2 50
Howard Brothers, ice, 10 00
T. P. Emerson, expressage, 3 70
Julian A. Mead, medical attendance, Stevenson case, 15 00

$4,636 00

The following amounts were transferred from this account by the Board of Selectmen, authorized by a vote of the town, November 7, to meet deficiencies in these departments:

Almshouse, $1,568 18
Bridges and culverts, 861 23
Discounts and abatements, 1,584 47
Interest, 342 13
Purchase and grading Gleason land, 8 81
Police, 221 49
Public Library and building, 365 38
### AUDITOR'S REPORT.

<table>
<thead>
<tr>
<th>Description</th>
<th>Amount</th>
</tr>
</thead>
<tbody>
<tr>
<td>Schools</td>
<td>$268.72</td>
</tr>
<tr>
<td>Town House alterations</td>
<td>$402.44</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td><strong>$5,622.86</strong></td>
</tr>
<tr>
<td><strong>Unexpended balance</strong></td>
<td><strong>$10,258.85</strong></td>
</tr>
<tr>
<td><strong>6,315.94</strong></td>
<td><strong>$16,574.79</strong></td>
</tr>
</tbody>
</table>

### CEMETERIES.

<table>
<thead>
<tr>
<th>Description</th>
<th>Amount</th>
</tr>
</thead>
<tbody>
<tr>
<td>To Appropriation</td>
<td>$100.00</td>
</tr>
<tr>
<td>Alexander Gregg, sale of grave lot No. 52½, to A. B. Hall,</td>
<td>40.00</td>
</tr>
<tr>
<td>Alexander Gregg, sale of grave lot No. 175, to Mrs. E. McWhirter,</td>
<td>12.50</td>
</tr>
<tr>
<td>Alexander Gregg, sale of grave lot No. 176, to G. B. Stone,</td>
<td>15.00</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td><strong>$167.50</strong></td>
</tr>
</tbody>
</table>

### Expenditures.

<table>
<thead>
<tr>
<th>Description</th>
<th>Amount</th>
</tr>
</thead>
<tbody>
<tr>
<td>To Alexander Gregg, care of cemeteries</td>
<td>$125.00</td>
</tr>
<tr>
<td>George E. Teele, tools</td>
<td>2.55</td>
</tr>
<tr>
<td>E. C. &amp; A. B. Hall, grass seed</td>
<td>75</td>
</tr>
<tr>
<td>John Ross, repairing door to receiving tomb</td>
<td>5.00</td>
</tr>
<tr>
<td>R. H. Paine, repairing lock and fitting keys</td>
<td>2.92</td>
</tr>
<tr>
<td><strong>Unexpended balance</strong></td>
<td><strong>$167.50</strong></td>
</tr>
</tbody>
</table>

### CONCRETE WALKS.

<table>
<thead>
<tr>
<th>Description</th>
<th>Amount</th>
</tr>
</thead>
<tbody>
<tr>
<td>To Appropriation</td>
<td>$2,000.00</td>
</tr>
<tr>
<td>Wm. E. Farwell, collector, assessments collected from abutters,</td>
<td>193.41</td>
</tr>
</tbody>
</table>
To assessments not committed to collector, 481 20 $2,674 61

**Expenditures.**

To D. F. Tripp, concrete walks and repairs, $1,757 87
Kidney & Libby, curbstones, 203 02
William Reed, flagstones for crossings, 74 43
Fitchburg R. R. Co., freight on stone, 15 00
John Turner & Co., granite paving blocks, 40 00
John Ross, curbstone irons, 8 16
J. E. Cassidy, sand for paving crossings, 4 00
Highway Department, grading and setting curbstones, 310 00

Unexpended balance, $2,412 48

**DISCOUNTS AND ABATEMENTS.**

To Appropriation, $3,000 00
Interest collected, 421 38
Contingent transfer, authorized
Nov. 7, 1,584 47 $5,005 85

**Expenditures.**

To William E. Farwell, collector, abatement of tax, 1882, $339 75
William E. Farwell, collector, abatement of tax, 1883, 531 69
AUDITOR’S REPORT.

To William E. Farwell, collector,
  abatement of tax, 1884, 845 21
William E. Farwell, collector,
  discount on tax, 1884, 3,298 20

$5,005 85

FIRE DEPARTMENT.

To appropriation, $5,200 00
John A. York, teaming water,
  and sale of old hose and junk, 55 86
Almshouse department, for ma-
nure, 35 00

$5,290 86

Expenditures.

PAY ROLLS.

To board of engineers, one year to
  Feb. 1, 1885, $285 00
Steam Fire Engine Co., one year
  to Feb. 1, 1885, 760 00
Hook and Ladder Co., one year
  to Feb. 1, 1885, 510 00
J. H. Holt, engineer, one year to
  Feb. 1, 1885, 900 00
Moses Pattee, driver, one year to
  Feb. 1, 1885, 720 00
J. R. Harrison, stoker, one year
  to Feb. 1, 1885, 75 00
J. R. Harrison, relief driver and
  engineer, 70 00
Alexander Flanders, driver of
  hose carriage, 50 00
C. W. Smith, testing hose, 9 50
Michael Carroll, filling reservoir, 8 00

$3,387 50
AUDITOR'S REPORT.

HAY, STRAW AND GRAIN.

To Coffin, Magee & Co., $630 38

FUEL AND LIGHTS.

To Thomas Gavin, wood, $2 80
Pevear & Russell, wood, 3 00
Newton & Watertown Gas Light
Co., gas, 101 75

SHOEING.

To J. F. Ham, $69 00
W. C. Foley, 37 80

REPAIRS.

To John Ross, wheelwright and $82 55
blacksmithing,
Moses Whiting, carpenter work, 64 35
George E. Teele, hardware, 32 13
R. H. Paine, hardware, 5 62
A. Griswold, painting tender wagon, 17 80
J. Boyd & Son, hose and repairs, 67 37
Thomas Patten, harness repairs, 16 02
Mrs. Geo. McWhirter, harness repairs, 27 71

MISCELLANEOUS.

To H. F. Bright, labor on horses teeth, $3 00
Walker & Pratt Manufacturing
Co., hose couplings and labor, 25 41
Summers & Hunt, sliding-pole for engine house, 31 00
AUDITOR’S REPORT.

To Braman, Dow & Co., nipples and couplings, $3 05
C. W. Berry, oil, matches, brooms and salt, 22 08
Luther Bent & Co., carpets, beds, mattress, curtains, etc. 79 25
S. S. Gleason, stationery and post-als, 1 20
Mrs. J. Barry, washing bed-clothes, 24 00
Harnden Fire Extinguisher Co., hand grenades, 9 00
Henry Collins, paper hangings, 20 32
Edwin Rogers, sulphate of copper, zinks, etc., 112 34
Otis Brothers, rubber boots, 5 00
Creighton Colburn, veterinary surgeon, 10 00
A. S. Jackson, waste and spanners, 15 35
T. P. Emerson, expressage, 3 65
Mrs. Ann Houson, repairing over-coats, 4 50
J. H. Critchett & Son, expressage, 55
L. A. Shaw, expressage, 55
City of Cambridge, water for filling reservoir, 8 00
Vacuum Oil Co., oil, 6 00
J. B. Woodward, medicines and liniments, 8 50

$392 75
$4,938 53
352 33
$5,290 86

Unexpended balance.
AUDITOR’S REPORT.

**FUEL FOR PUBLIC BUILDINGS.**

To appropriation, $1,500 00

Expenditures.

<table>
<thead>
<tr>
<th>To</th>
<th>Amount</th>
</tr>
</thead>
<tbody>
<tr>
<td>Aiken &amp; Woodard, charcoal</td>
<td>$74 09</td>
</tr>
<tr>
<td>Pevear &amp; Russell, Library, High and Centre schools</td>
<td>514 70</td>
</tr>
<tr>
<td>Thomas Gavin, West and South schools</td>
<td>293 75</td>
</tr>
<tr>
<td>A. D. Henderson, Town House</td>
<td>237 40</td>
</tr>
<tr>
<td>George H. Sleeper, East school and Library</td>
<td>230 00</td>
</tr>
</tbody>
</table>

Unexpended balance, $1,349 94

Total, $1,500 00

**HIGHWAYS AND DRAINAGE.**

To appropriation, $10,000 00

<table>
<thead>
<tr>
<th>To</th>
<th>Amount</th>
</tr>
</thead>
<tbody>
<tr>
<td>Contingent Department, filling and grading Titcomb land, labor on Silk Factory dam</td>
<td>224 29</td>
</tr>
<tr>
<td>Bridge Department, labor on bridges</td>
<td>493 15</td>
</tr>
<tr>
<td>Health Department, removal of ashes</td>
<td>617 90</td>
</tr>
<tr>
<td>Town Improvement Department, labor setting trees</td>
<td>58 20</td>
</tr>
<tr>
<td>Sidewalk Department, labor on sidewalks</td>
<td>310 00</td>
</tr>
<tr>
<td>Labor, filling John Gleason’s land</td>
<td>34 50</td>
</tr>
<tr>
<td>Charles F. Jackson, Superintendent, cash received for sundry labor</td>
<td>127 65</td>
</tr>
</tbody>
</table>

Total, $11,865 69
AUDITOR'S REPORT.

Expenditures.

To Charles F. Jackson, Superintendent, pay rolls, $8,551.05

MATERIAL FOR ROADS.

To John Wallace, stone for crusher, $96.00
George W. Sawin, sand, 4.90
John Sullivan, gravel, 2.05
J. E. Cassidy, gravel, 76.05
F. W. Mead, crushed stone, 720.00
Patrick Condon, stone for crusher, 15.00

HAY, STRAW AND GRAIN.

To Almshouse Department, hay and straw, $260.00
Coffin, Magee & Co., grain, 426.67

HORSESHOEING AND BLACKSMITHING.

To W. C. Foley, wheelwright and blacksmithing, $228.90
John Ross, wheelwright and blacksmithing, 286.05
Patrick Reagan, horseshoeing and sharpening picks, 72.06

FENCE MATERIAL AND CARPENTER WORK.

To Gilkey & Stone, lumber, $8.28
Moses Whiting, carpenter work and street signs, 70.85
Berry & Moody, carpenter work, 11.28
A. L. Thompson, carpenter work, 10.33

Total Expenditures: $8,551.05

Material for Roads: $914.00

Hay, Straw and Grain: $686.67

Horseshoeing and Blacksmithing: $587.01

Fence Material and Carpenter Work: $100.74
REPAIRS.

To Walker & Pratt Manufacturing Co., castings and repairs on crusher, belting and labor, $70 49
George Tyler, blade for road-scaper, 6 00
W. E. Johnson, blade and point for road-scaper, 8 00
New England Machine Co., repairs on engine, boiler and crusher, 149 18
Thomas Patten, harness repairs, 18 20
Farrell Foundry Co., repairs on crusher, 194 45 $446 32

MISCELLANEOUS.

To Davis & Farnum Manufacturing Co., iron pipes, $51 42
C. M. Cook, brick, 12 00
Hollingsworth & Whitney Co., Babbitt metal, 3 30
H. W. Clapp & Co., sewer inlet caps and grates, 76 95
W. L. Stiles, oil cans and dippers, 1 62
Parker & Wood, barrows, 8 00
R. H. Paine, hardware, tools and drain pipe, 35 63
J. T. Foley, painting and lettering signs, 18 50
A. D. Drew, repairing rubber boots, 1 50
Fitchburg R. R. Co., freight on castings, 9 33
AUDITOR'S REPORT.

To Charles F. Jackson, freights, telephone, etc., $20 17
A. Griswold, painting wagon, bars and carts, 26 00
George E. Teele, hardware, tools and drain pipe, 62 25
J. P. Goodman, attendance on horse, 12 00
City of Newton, use of steam roller, 30 00
Mrs. Geo. McWhirter, brushes, scrapers, etc., 10 60
James Breck & Son, plow points, 10 20
Pevear & Russell, fuel for crusher and brick, 64 05
Boston & Albany R. R. Co., freight, 1 00
C. W. Berry, oat meal, oil and salt, 7 70
School Department, iron pipe, 10 72
Thomas Gavin, fuel for crusher, 30 50
Charles Cummings, labor on catch basins, 9 30
Otis Brothers, rubber boots, 6 00
J. H. Critchett & Son, oil and express, 4 00
T. P. Emerson, express, 3 75
Patrick Grace, use of water cart, 20 00
Marcellus Day estate, drain pipe, 29 22

$575 71
$11,861 50
4 19
$11,865 69

Unexpended balance.
To appropriation, $200.00 $200.00

**Expenditures.**

To Charles H. White, treasurer, $200.00 $200.00

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**INSURANCE.**

To appropriation, $300.00 $300.00

**Expenditures.**

To W. H. Ingraham, policies of insurance on Public Library building and books, Almshouse, barn and stock, fixtures in High school and piano, $267.77 $267.77

Unexpended balance, 32 23

$300.00

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**INTEREST.**

To appropriation, $2,800.00

Contingent transfer authorized Nov. 7, 342 13

$3,142 13

**Expenditures.**

To Brewster, Cobb & Estabrook, six month's interest on $30,000, at 5 %, $750.00

Brewster, Cobb & Estabrook, six month's interest on $15,000, at 5 %, 375.00
AUDITOR'S REPORT.

To Lowell Institution for Savings, one year's interest on $5,500, at 6 %, $330.00
Watertown Savings Bank, one year's interest on $5,000, at 5 %, 250.00
Cambridgeport Savings Bank, six month's interest on $10,000, at 5 %, 250.00
Mrs. A. A. Learned, one year's interest on $1,800, at 4 1/2 %, 81.00
Miss A. A. Learned, one year's interest on $1,300, at 4 1/2 %, 58.50
Miss Martha Whitney, one year's interest on $1,500, at 4 1/2 %, 67.50
Miss Susan B. Whitney, one year's interest on $1,500, at 4 1/2 %, 67.50
Miss Bertha M. Whitney, one year's interest on $1,000, at 4 1/2 %, 45.00
Miss E. I. Norcross, one year's interest on $200, at 4 1/2 %, 9.00
Watertown Savings Bank, interest on loan notes, at 4 %, 170.00
Newton National Bank, interest on loan notes, at 4 %, 196.67
Treasurer of the Commonwealth, interest on loan notes, at 5 and 3 1/2 %, 373.96
John Templeton Fund, one year's interest on $2,500, 118.00 $3,142.13

MILITARY AID.

To appropriation, $500.00 $500.00
AUDITOR'S REPORT.

**Expenditures.**

To Thomas Donlan, 12 months, $72 00
Daniel Johnson, 12 " 72 00
Chas. J. Towle, 12 " 94 00
W. H. Ireland, 2 " 12 00
Loui Lemmins, 2 " 18 00
Abram Johnson, 12 " 186 93

Unexpended balance, $454 93

**NEW SCHOOL BUILDING.**

To appropriation, $12,500 00

**Expenditures.**

To Thomas Gavin, excavating cellar and laying walls, $513 63
Thomas Gavin, teaming, cement and lime, 72 90
Waldo Brothers, lime, cement and mortar black, 95 29
J. J. Cuddihy, stone work, 80 00
Gilkey & Stone, lumber, 44 32
Berry & Moody, carpenter work, 47 76
M. W. Sands, brick, 417 60
Sanford Phipps, plans, 200 00

Unexpended balance, $1,471 50

**PURCHASE OF JOHN GLEASON LAND & GRADING.**

To appropriation, $8,000 00

Contingent transfer, authorized Nov. 7, 8 81

$8,008 81
Expenditures.

To John Gleason, deed of property, $7,700 00
Thomas Gavin, sand, cement, filling and grading, 117 75
Joshua C. Stone, labor, grading, 33 00
Highway Department, filling, 34 50
Berry & Moody, fencing, 92 56
John Page, painting fence, 31 00

$8,008 81

POLICE.

To appropriation, $4,500 00
J. H. Holt, keeper of lock-up, travellers' fees, 4 75
Contingent transfer, authorized
Nov. 7, 221 49

$4,726 24

Expenditures.

To E. V. Howard, one year, to Feb. 1, 1885, $915 00
George Parker, one year, to Feb. 1, 1885, 915 00
Michael W. Lyons, special, 272 00
Patrick J. Flanery, " 372 00
Andrew H. Stone, " 126 51
Samuel F. Stearns, " 53 14
James Burke, " 490 44
Richard Newman, " 196 25
Daniel H. Cooney, ten months, to Feb. 1, 737 50
Thomas F. Lyons, four months, to Feb. 1, 307 50
Michael Carroll, special, 142 50
L. A. Shaw, " 7 50
H. N. Hayward, " 6 25
To J. H. L. Coon, " $2 50
Hiram McGlauffin, " 5 00
George H. Gregg, " 7 50
J. H. Holt, keeper of lock-up, one year, 60 00
C. W. Berry, matches, sand and brooms, 1 49
Newton & Watertown Gas Co., gas one year, 72 00
George E. Teele, lantern, keys and padlock, 4 32
J. P. Lovell & Son, twisters and cuffs, 6 75
A. C. Libby, record book of arrests, and letter-heads, 1 25
E. V. Howard, cash paid for cuffs and club, 7 75
Otis Brothers, ribbons and pins, 2 34
Walker & Pratt Manufacturing Co., dippers, 1 80
R. H. Paine, keys, and repairing cuffs, 1 70
J. B. Woodward, wormwood, 25

$4,726 24

PUBLIC LIBRARY AND LIBRARY BUILDING.

To appropriation, $2,500 00
County Treasurer, dog tax, 430 68
Solon F. Whitney, librarian, sale of catalogues, 12 25
Fines, and books damaged, 96 91
Unexpended library balance, 1883, 315 19
" balance library building, 1883, 6,616 08
AUDITOR'S REPORT.

SUBSCRIPTIONS TO BUILDING FUND.

Samuel Noyes,  $100.00
J. H. Conant,  100.00
E. B. Eaton,  50.00
Mrs. A. L. Richards,  25.00
Contingent transfer, authorized
Nov. 7,  365.38

$10,612.49

Expenditures.

PUBLIC LIBRARY.

To Solon F. Whitney, librarian,  $487.50
Miss Jane Stockwell, assistant,  400.00
Miss M. E. Sherman,  231.25
D. Lothrop & Co., books,  38.81
J. D. F. Brooks, binding books,  43.80
Estes & Lauriat, books,  230.56
Willard Small, books,  17.87
Lockwood, Brooks & Co., books,  43.68
Commissioner of Patents, specifications and drawings of patents,  31.20
J. H. McNamee, books,  49.22
Cleaves, McDonald & Co., books,  45.40
George Tryon, Jr., books,  5.00
Thomas P. Noonan & Co., books,  5.00
A. H. Roffe & Co., books,  138.95
H. E. Saunders, moving books,  21.00
David H. Perkins, carpenterwork,  36.35
Hiram Williamson, janitor,  114.75
Walker & Pratt Manufacturing Co., conductor irons and labor,  1.68
Otis Brothers, cases,  1.50
George E. Teele, drawer locks,  1.60
R. H. Paine, lawn mower, and hardware,  15.85
To A. J. Wilkinson, door check and spring, $5.74
Mrs. Bradlee, labor on books, 4.28
W. Hall & Co., keys, and repairing locks, 75
Joel Goldthwaite, matting, 5.48
Ames Plow Co., wheelbarrows and scoops, 8.45
H. W. Macurdy, carpenter work, 30.00
E. Pike, gas fixtures, 59.95
Daniel Quinn, labor, 4.00
Newton & Watertown Gas Light Co., gas, 351.50
Archer & Pancoost Manufacturing Co., lanterns, 9.50
W. W. Pratt, shades and rollers, 64.80
W. L. Stiles, water pot, 1.62
L. E. Kimball & Co., ash tables and bulletin boards, 115.00
Library Bureau Binders, shelf, sheets and cases, 37.73
James T. Cahill, care of grounds, 21.25
Mrs. Charlotte Nigers, reseating chairs, 5.25
C. A. Wellington & Co., and-irons, shovel and tongs, 22.00
J. Galbrath, History of Concord, 8.00
Library assistants, extra labor, 40.00
Hastings & Davenport, framing photos and engravings, 12.00
C. Jelwick, ash settees, 64.00
Philemon Priest, janitor, 40.00
J. T. Blaisdell, carpenter work, 10.55
Fred. G. Barker, printing cards, postals and labels, 22.20
AUDITOR'S REPORT.

To Schlegel & Fottler, grass seed, $2 75
T. P. Emerson, expressage, 10 30
Moses Whiting, carpenter work, 3 35
Thomas Barrett, plants and vines, 14 50
Solon F. Whitney, librarian, cash paid sundry persons for labor, cleaning, 20 68
Cash paid for brooms, dusters, etc., 4 25
" " " labor of carpenters, 4 30
" " " P. O. box and postage, 2 46
Cash paid for express, 1 88
" " " furniture, fixtures, etc., 7 02
Cash paid for gas fixtures and repairs, 2 75
Cash paid for ink and ribbon for stamp, 1 30
Cash paid for binders and binding, 6 65
Cash paid for books and periodicals, 2 75
Cash paid for balance on clock, 6 60

$2,995 96

PUBLIC LIBRARY BUILDING.

To David H. Perkins, balance of contract, $6,909 74
Boston Terra Cotta Co., fireplaces, 252 50
Shaw & Hunnewell, balance of bill, superintending, 194 11
George S. Bowen, pump repairs, 2 50
Hiram Williamson, janitor, and cleaning windows, 103 00
Walker & Pratt Manufacturing Co., repairing pump, 5 04
To E. Pike, gas fixtures, $45.50
M. Dalton, labor, 2.00
Daniel Quinn, labor, 17.00
Newton & Watertown Gas Co.,
fancy post, lantern frame and
connections, 85.14

$7,616.63
$10,612.49

**PRINTING.**

To appropriation, $600.00

**Expenditures.**

To Fred. G. Barker, Town Reports,
Voting List, reports of Water
Committee, order blanks, etc., $454.65
McLauthlin & Co., warrants, bill-
heads, assessors' notices, appli-
cations for license, etc., 92.30

$546.95
Unexpended balance, 53.05

$600.00

**REMOVAL OF ASHES AND GARBAGE.**

To appropriation, $600.00
Superintendent of Highways, ex-
tra labor, 19.15

$619.15

**Expenditures.**

To Highway Department, labor of
removal, $617.90

$617.90
Unexpended balance, 1.25

$619.15
AUDITOR'S REPORT.

SCHOOLS AND SUPERINTENDENT.

To appropriation, $19,975 00
Rent of Ætna Mills schoolhouse, 25 00
Treasurer of Commonwealth School Fund, 64 63
Highway Department, iron pipe, 10 72
Contingent transfer, authorized Nov. 7., 268 72

$20,344 07

Expenditures.

SALARIES OF TEACHERS.

To George R. Dwelley, Superintendent and teacher, $2,480 00
H. B. Doland, 10 months, 1,200 00
George S. Turner, 8 960 00
Mrs. L. A. Campbell, 10 810 00
Miss Etta B. Dadmun, 10 800 00
Miss Ellen M. Crafts, 10 700 00
Miss Fannie E. Carr, 10 493 75
Miss Alice I. Norcross, 10 445 00
Miss Bertha L. Emerson, 10 445 00
Miss Nellie E. Williams, 10 449 00
Miss Corinne Brainard, 10 449 00
Miss Maria H. Macurdy, 10 425 00
Miss Frances Hawkes, 10 425 00
Miss Mannie B. Patten, 10 425 00
Miss J. M. Riley, 10 425 00
Miss M. J. McDonough, 10 412 50
Miss S. Alice Fell, 10 412 50
Miss E. D. Adams, 10 412 50
Miss E. P. Skinner, 10 388 75
Miss F. B. Chandler, 10 387 50
Miss Ruth W. Howard, 10 375 00
Miss L. Abbie Howard, 9 370 00
To Miss Hattie B. Johnson, 10 $362.50
Miss E. S. Green, 10 350.00
Miss Alice G. Patten, 5 300.00
Sumner Coolidge, 5 300.00
Cyrus A. Neville, 2 240.00
Miss Fannie W. Morey, 5 200.00
Miss Kate R. Sibley, 3 110.00
Miss E. T. Packard, 1 42.50
Miss Jessie M. Rice, 10 00
S. H. Hadley, teacher of music, 450.00
Miss Emma H. McLauthlin, teacher of drawing, 400.00

$16,437.50

SALARIES OF JANITORS AND TRUANT OFFICERS.

To George F. Robinson, 1 year, $600.00
A. H. Stone, 1 475.00
Mrs. Austin, 1 99.96
Mrs. Ryan, 1 60.00
Mrs. Hales, 1 60.00
E. V. Howard, truant officer, 20.00
George Parker, 20.00
George F. Robinson, truant officer, 20.00
A. H. Stone, 20.00

$1,374.96

BOOKS, STATIONERY AND PRINTING.

To McLauthlin & Co., books and stationery, $1,298.53
Martin Garrison & Co., Cyclopedias, 72.00
Charles H. Whitney, books, 4.05
Prang Educational Co., composers and apparatus, 11.08

$1,385.66
REPAIRS AND INCIDENTALS.

To C. W. Berry, sawdust, pails, mats, etc., $9.30
Luther Bent & Co., chairs, and use of furniture, 7.25
Otis Brothers, ribbons for diplomas, 1.80
First Parish Society, five months' rent and fuel, 179.50
S. S. Gleason, advertising school notice, 12.00
Geo. S. Perry, mats, and waste baskets, 20.34
A. G. Whitcomb, desks, 168.00
Murphy, Leavens & Co., dusters and brushes, 19.20
H. C. Kendall, engrossing diplomas, 1.50
William Rogers, repairing clock, 1.50
Henry Russell, setting glass, 10.16
R. H. Paine, brooms, shovels, keys and bells, 10.26
H. W. Martin, drawing-board, and repairs, 15.00
S. F. Stearns, carpenter work, 54.22
Walker & Pratt Manufacturing Co., changing radiators, and cleaning furnaces, 32.62
Lucius Bemis, mason work, 10.01
S. H. Hadley, orchestra High School exhibition, 15.00
Geo. S. Bowen, furnace, conductor and pump repairs, 81.34
L. A. Shaw, expressage, 5.25
To Geo. E. Teele, hardware and brooms, $29 41
Parmenter Crayon Co., crayons, 6 50
Thomas Gavin, cleaning vaults and mowing, 47 00
A. H. Stone, cleaning windows, 16 50
Gilkey & Stone, lumber, 95 42
J. T. Blaisdell, carpenter work, 133 95
Geo. H. Tarlton, clocks and repairing, 16 00
T. P. Emerson, expressage, 10 10
Geo. F. Robinson, cleaning windows, and repairs, 25 25
Mrs. Austin, cleaning windows and removing ashes, 11 00
J. E. Bell, blackboard, 4 80
Patrick Doody, gravel and teaming, 9 00
Timothy Ryan, removing ashes, 3 00
John Ross, lengthening poker, 50
A. L. Richards, cash paid for sundries, 17 00
J. B. Woodward, chemicals and acids, 3 57
L. J. Hoefler, tuning piano, 2 50
Berry & Moody, outside windows, 24 00
Lowell school, 22 25
Town Improvement Society, trees and protectors, 22 25
Geo. B. Stockwell, carriage hire, 15 00
Berry & Moody, carpenter work, 14 64
Fletcher & Towne, brooms, 1 23

$1,145 95
$20,344 07
AUDITOR'S REPORT.

SALARIES.

To appropriation, $3,375.00

Expenditures.

To Board of Selectmen, Oliver Shaw, $200.00
   J. W. Magee, 200.00
   A. L. Richards, 200.00
   W. H. Ingraham, 350.00
   Frank M. Kelly, 250.00
   J. F. Lynch, 250.00
   A. L. Richards, 50.00
   C. W. Stone, 50.00
   R. P. Stack, 50.00
   A. G. Fitch, 50.00
   J. B. Smith, 50.00
   Charles Brigham, 50.00
   J. K. Stickney, 300.00
   W. H. Ingraham, 350.00
   Wm. E. Farwell, 450.00
   Howard Russell, 225.00

Unexpended balance, $3,075.00

STREET LIGHTS AND LAMP POSTS.

To appropriation, $3,700.00

Expenditures.

To Wheeler Reflector Co., lighting and care, one year, $1,664.25
   Newton & Watertown Gas Co., lighting and care, one year, 1,782.00
AUDITOR'S REPORT.

To Newton & Watertown Gas Co.,
posts, frames and setting, $146 79
Newton & Watertown Gas Co.,
painting posts, 59 40 $3,652 44
Unexpended balance, 47 56
$3,700 00

STATE AID.

To appropriation, $600 00 $600 00

Expenditures.

To Deborah Bright, 12 months, $48 00
Mary McCabe, 12 " 48 00
Ellen Shengrow, 12 " 48 00
J. Hallihan and wife, 12 " 72 00
Edward Lord, 12 " 47 00
Mary L. Sawtelle, 12 " 48 00
J. McNamara and wife, 12 " 53 00
W. H. Ireland, 3 " 18 00 $382 00
Unexpended balance, 218 00
$600 00

STATE TAX.

To amount assessed, $8,900 00 $8,900 00
To amount paid Treasurer of Commonwealth, $8,900 00

TOWN HOUSE, LIGHTING AND CARE OF.

To appropriation, $700 00
George H. Gregg, janitor, rent of hall to Feb. 1, 1885, 297 00 $997 00
AUDITOR'S REPORT.

Expenditures.

To George H. Gregg, janitor, one year, to Feb. 1, 1885, $400.00
Walker & Pratt Manufacturing Co., boiler, grates and bars, conductors and labor, ash barrels, etc., 76.40
C. W. Berry, salt, mop and brooms, 2.62
Newton & Watertown Gas Co., gas, 216.75
Moses Whiting, carpenter work, 8.82
Mrs. George McWhirtor, sponges, 1.40
E. C. & A. B. Hall, soap, sand, brooms and salt, 4.77
John Allen, tuning piano, 2.00
Geo. S. Bowen, repairing pump, 2.00
George H. Gregg, cleaning hall and carpets, 54.20
R. H. Paine, dusters, 2.80
Thomas Gavin, cleaning vault, 5.00
George E. Teele, key, 25
L. Bent & Co., repairing chair, 35
John Page, setting glass, 1.70

Unexpended balance, $779.06

$997.00

TOWN HOUSE ALTERATIONS.

To appropriation, $1,250.00
Contingent transfer, authorized
Nov. 7, 402.44

$1,652.44
Expenditures.

To J. T. Blaisdell, carpenter work, $188.75
Henry Horne, " " 48.00
Pevear & Russell, brick for vault, 104.50
Sargent, Greenleaf & Co., vault doors and safe, 247.00
A. T. Stearns Lumber Co., hard pine floors, 126.72
Gilkey & Stone, lumber, mouldings and brackets, 90.10
Charles H. Grant, doors, 28.50
Thomas L. French, mason work, 423.05
Geo. E. Teele, nails, hardware and locks, 42.47
Andrew J. Mills, painting, 22.15
John Page, painting, 69.85
J. T. Foley, lettering transoms and signs, 9.00
Edward Pike, gas fixtures, 90.60
Luther Bent & Co., curtains, 15.75
A. H. Davenport, desks and chairs, 146.00

$1,652.44

TOWN IMPROVEMENT.

To appropriation, $300.00

$300.00

Expenditures.

To Elwanger & Barry, maple trees, $90.00
Gilkey & Stone, tree protectors, 151.80
Highway Department setting trees, 58.20

$300.00

TOWN DEBT, PAYING PORTION OF.

To appropriation, $5,000.00

$5,000.00
AUDITOR'S REPORT.

Expenditures.

To Brewster, Cobb & Estabrook, note
due April 1, 1884, $5,000 00 $5,000 00

THE TEMPLETON BENEFIT FUND.

The Templeton Fund of $2,500, the interest of which is distributed annually, according to the terms of the bequest (statement of which can be seen on page 65 of the Town Report for 1873), is loaned to the town by the Selectmen, they holding the Town Treasurer's note for the amount, and collecting annually (December 21,) the interest, which is the sum to be distributed.

To interest on $2,500, one year, to Dec. 21, 1884, $118 00 $118 00

Expenditures.

To L. Bent & Co., goods delivered by order of the Selectmen, $4 00
Field & Melvin, goods delivered by order of the Selectmen, 6 00
Plaisted & Hartford, goods delivered by order of the Selectmen, 8 00
Pevear & Russell, goods delivered by order of the Selectmen, 8 00
A. L. Gordon, goods delivered by order of the Selectmen, 8 00
Fletcher & Towne, goods delivered by order of the Selectmen, 4 00
Jos. Flannery, goods delivered by order of the Selectmen, 4 00
Henry Russell, goods delivered by order of the Selectmen, 2 00
Lynch Brothers, goods delivered by order of the Selectmen, 6 00
To C. W. Berry, goods delivered by order of the Selectmen, $6 00
Otis Brothers, goods delivered by order of the Selectmen, 42 00
E. C. & A. B. Hall, goods delivered by order of the Selectmen, 4 00
Boston Branch Grocery, goods delivered by order of the Selectmen, 6 00
W. H. Lyman, goods delivered by order of the Selectmen, 10 00

$118 00

THE MARTHA SANGER FUND.

To amount of bequest, with interest to Feb. 1, 1884, $522 37
Interest to Feb. 1, 1885, 26 11

Total $548 48

Expenditures.

To Charles C. White, treasurer of I. B. Patten Post 81, G. A. R., for disbursement by the relief committee, $40 00

Balance, $508 48

STATEMENT OF ASSETS AND LIABILITIES EXCLUSIVE OF TOWN DEBT, TO FEB. 1, 1885.

To balance in hands of treasurer, Feb. 10, 1885, $4,175 83
Due from State, on account of State aid, 382 00
Due from State, on account of Military aid, 227 46
To outstanding taxes, 1882, in hands of Wm. E. Farwell, collector, $229 03
Outstanding taxes, 1883, in hands of Wm. E. Farwell, collector, 2,841 16
Outstanding taxes, 1884, in hands of Wm. E. Farwell, collector, 13,531 40
Due from abuttors on account of sidewalks, 323 29
Due from abuttors on account of sidewalks, not having been committed to collector, 98 54 $21,808 71

Liabilities.

To unexpended balance new school building, $11,028 50
Miss Martha Sanger bequest, with balance of interest to Feb. 1, 1885, 508 48 $11,536 98

Surplus, $10,271 73

The above statement closes the financial department for the year. The town debt has been reduced $5,000, in accordance with the provision made for that purpose, the debt is now $42,800, and drawing annual interest, as follows (see table, page 48); —

$5,500 00 at 6 %, $330 00
30,000 00 at 5 %, 1,500 00
7,300 00 at 4 1/2 %, 328 50

$42,800 00 $2,158 50

Respectfully submitted.

HOWARD RUSSELL, Auditor.
SUMMARY OF RECEIPTS, APPROPRIATIONS AND EXPENDITURES FOR THE YEAR ENDING JANUARY 31, 1885.

<table>
<thead>
<tr>
<th>Appropriations</th>
<th>Receipts</th>
<th>Transfers to Department</th>
<th>Total Expenditures</th>
<th>Unexpended Balances</th>
</tr>
</thead>
<tbody>
<tr>
<td>Almshouse</td>
<td>$5,000.00</td>
<td>$356.82</td>
<td>1,588.18</td>
<td>$6,955.00</td>
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<tr>
<td>Bridges and Culverts</td>
<td>1,000.00</td>
<td>841.33</td>
<td>1,861.23</td>
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<tr>
<td>Contingent</td>
<td>1,000.00</td>
<td>4,836.00</td>
<td>11,683.79</td>
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<tr>
<td>Cemeteries</td>
<td>1,000.00</td>
<td>576.50</td>
<td>136.22</td>
<td>31.28</td>
</tr>
<tr>
<td>Concrete Walks</td>
<td>2,000.00</td>
<td>2,412.48</td>
<td>262.13</td>
<td></td>
</tr>
<tr>
<td>Discounts and Abatements</td>
<td>5,000.00</td>
<td>4,050.93</td>
<td>352.33</td>
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</tr>
<tr>
<td>Fire Department</td>
<td>5,000.00</td>
<td>4,938.53</td>
<td></td>
<td></td>
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<tr>
<td>Fuel for Public Buildings</td>
<td>1,500.00</td>
<td>1,319.94</td>
<td>125.96</td>
<td></td>
</tr>
<tr>
<td>Highways and Drainage</td>
<td>10,000.00</td>
<td>11,861.50</td>
<td>4.19</td>
<td></td>
</tr>
<tr>
<td>L. B. Patten Post St, G. A. R. Insurance</td>
<td>300.00</td>
<td>267.77</td>
<td>32.25</td>
<td></td>
</tr>
<tr>
<td>Interest</td>
<td>2,500.00</td>
<td>3,142.13</td>
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</tr>
<tr>
<td>Military Aid</td>
<td>500.00</td>
<td>464.63</td>
<td>45.67</td>
<td></td>
</tr>
<tr>
<td>New Schoolhouse Building</td>
<td>12,500.00</td>
<td>1,471.50</td>
<td>11,028.50</td>
<td></td>
</tr>
<tr>
<td>Purchase of J. Gleason land and grading</td>
<td>5,000.00</td>
<td>8,088.24</td>
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</tr>
<tr>
<td>Police</td>
<td>4,500.00</td>
<td>4,726.24</td>
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</tr>
<tr>
<td>Public Library</td>
<td>8,000.00</td>
<td>8,811</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Public Library Building</td>
<td>25,000.00</td>
<td>36,309.25</td>
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<tr>
<td>Printing</td>
<td>500.00</td>
<td>346.55</td>
<td>33.45</td>
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<tr>
<td>Removal of Ashes &amp; Garbage</td>
<td>600.00</td>
<td>617.50</td>
<td>1.25</td>
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<tr>
<td>Schools and Superintendent Salaries</td>
<td>19,975.00</td>
<td>20,544.06</td>
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<tr>
<td>Street Lights &amp; Lamp Posts</td>
<td>3,700.00</td>
<td>3,562.44</td>
<td>47.56</td>
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</tr>
<tr>
<td>State Aid</td>
<td>900.00</td>
<td>322.00</td>
<td>217.94</td>
<td></td>
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<tr>
<td>Town House, lighting &amp; care</td>
<td>250.00</td>
<td>77.00</td>
<td></td>
<td></td>
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<tr>
<td>Town Improvement</td>
<td>500.00</td>
<td>158.00</td>
<td></td>
<td></td>
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<tr>
<td>Town Debt, paying portion</td>
<td>5,000.00</td>
<td>118.00</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Templeton Fund</td>
<td>110.00</td>
<td>40.00</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Martha Sanger Fund</td>
<td>100.00</td>
<td>40.00</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Taxes paid to Feb. 10, 1885, less interest collected (carried to discounts and abatements) and overlaid taxes (carried to contingent), each item being included in the receipts of its respective accounts</td>
<td>100,000.00</td>
<td>100,000.00</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Cash in Treasury, Feb. 10, 1885</td>
<td>6,336.00</td>
<td>8,560.00</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Borrowed Money</td>
<td>40,000.00</td>
<td>50,050.00</td>
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</tr>
<tr>
<td>Borrowed Money paid</td>
<td>377.30</td>
<td>737.30</td>
<td></td>
<td></td>
</tr>
<tr>
<td>National Bank Tax paid</td>
<td>737.30</td>
<td>737.30</td>
<td></td>
<td></td>
</tr>
<tr>
<td>State Tax paid</td>
<td>8,560.00</td>
<td>8,560.00</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

*Unexpended balance, Feb. 10, 1884, Public Library, $315.19, and Library Building, $8,663.86.

*From balance of Contingent Account deduct transfers, $5,824.85, leaving an actual balance of $6,315.94.
ESTIMATES FOR THE YEAR 1885.

For Schools and Superintendent, including fuel, $23,000 00
Fire Department and engineers, 5,200 00
Support of poor, 6,000 00
Highways and drainage, 10,000 00
Bridges and culverts, 600 00
Interest on town debt, 2,500 00
Salaries, 3,075 00
Discounts and abatements, 3,000 00
Paying portion of town debt, 5,000 00
Police, 4,500 00
Insurance, 300 00
Free Public Library, including fuel, 2,050 00
Concrete walks, 1,800 00
Contingent, with other credits, 1,000 00
Street lights and lamp-posts, 3,800 00
Printing, 600 00
Lighting and care of Town House, 800 00
Care of cemeteries, and gravel for do., 100 00
Isaac B. Patten Post, G. A. R., 200 00
State Aid, 500 00
Military Aid, 500 00
Removal of ashes and garbage, 600 00
Town improvement, 300 00

$75,225 00
A LIST OF JURYMEN,

As prepared by the Selectmen, February 16, 1885, and submitted for the consideration of the Town at the Annual March Meeting.

Allen, E. E.
Allyn, John
Bailey, Arthur H.
Banks, Thomas G.
Bemis, Lucius
Benton, Edward A.
Bigelow, Lewis H.
Bowen, George S.
Brigham, Charles
Brown, Frank A.
Burnham, Charles H.
Burns, Joseph A.
Chase, Henry
Chase, Lewson A.
Coffin, John N.
Conant, John H.
Coombs, S. Henry
Coolidge, Herbert
Colligan, Michael B.
Crawford, C. D.
Critchett, Fred E.
Carroll, Michael, 2nd
Chadbourne, Henry R.
Cunniff, Martin J.
Dadmun, Wm. H.
Dunne, George C.
Earle, James H.
Edwards, William
Farwell, William E.
Fay, Frank T.
Fitch, Austin G.
Flint, David B.
Fuller, Moses
Gregg, George H.

Hackett, Thomas E.
Hall, John
Hall, Edward C.
Howard, Frederick H.
Ingraham, William H.
Jackson, C. F.
Kelly, Frank M.
Knox, Oscar F.
Lathrop, William
Learned, Waldo A.
Lougée, Charles E.
Lynch, James F.
Magee, James W.
Martin, H. W.
Moody, George H.
Otis, Ward M.
Pevear, William H.
Pierce, Benjamin H.
Priest, David H.
Powers, John, 2nd
Paine, Richard H.
Regan, John F.
Robbins, Frederick
Robinson, George F.
Shipton, Ambrose J.
Shaw, Linus A.
Sparrow, Seth E.
Stockin, A. C.
Turner, Levi A.
Turner, George S.
Walker, Samuel
Whitney, Hiram
Woodward, J. B.

Published by order of the Selectmen,

W. H. INGRAHAM,

Town Clerk.
WARRANT FOR TOWN MEETING.

To Ezra V. Howard, a Constable of Watertown, Greeting:

In the name of the Commonwealth of Massachusetts, you are hereby required to notify and warn the legal voters of Watertown to meet in the Town Hall, on Monday, the ninth day of March next, at 7:30 o'clock, A. M., to act on the following articles, viz:

ARTICLE 1. To choose a Moderator for said meeting.

ART. 2. To choose all necessary town officers for the year ensuing.

ART. 3. To hear the reports of the town officers, and of any committees that may have been heretofore appointed, and act thereon.

ART. 4. To grant such sums of money as may be necessary for the use and expenses of the town the ensuing year, and for paying a portion of the town debt, direct how the same shall be raised, and act thereon.

ART. 5. To see what method the town will adopt for the collection of taxes for the ensuing year, choose a collector, and fix a compensation for his services, or take any action relating thereto.

ART. 6. To see if the town will adopt the list of jurors submitted by the Selectmen, or act thereon.

ART. 7. To see if the town will authorize the Town Treasurer, under the direction of the Selectmen, to borrow for the use of the town, such sums of money as may be necessary in anticipation of the taxes of the current year, and issue the notes of the town therefor, and all debts incurred under the authority of this article shall be payable from said taxes, or act thereon.

ART. 8. To see if the town will grant the sum of two hundred dollars to Isaac B. Patten Post, No. 81, G. A. R., for the purpose
of assisting the Post in defraying the expenses of decorating the graves of deceased soldiers on the next Memorial Day, direct how the same shall be raised, or act thereon.

Art. 9. To see what course the town will adopt for watering the streets the ensuing year, grant money for the same, or act thereon.

Art. 10. To see if the town will grant the sum of three hundred dollars, and appropriate the same for the purpose of enabling the School Committee to introduce water into the schoolhouses of the town, or act thereon.

Art. 11. To see if the town will appropriate the sum of five hundred dollars for the purpose of building a sidewalk on Market street, from the end of the present walk to the bridge over Charles river, direct how the same shall be raised, or act thereon.

Art. 12. To see if the town will adopt the Code of By-Laws as amended by the Court, or act anything thereon.

Art. 13. To see if the town will build a new Almshouse, grant money for the same, direct how the same shall be raised, or take any action relating thereto.

Art. 14. To see if the town will vest in the Board of Selectmen, discretionary power to accept the resignation of any trustee of the Free Public Library who may desire to vacate his office.

Art. 15. To see if the town will authorize the trustees of the Free Public Library to fill any vacancy existing in their board by the appointment of some person who may serve as a trustee until the next annual meeting of the town.

And you will notify the legal voters to meet at the time and place herein specified, by leaving at every inhabited house in town a printed copy of this warrant, and also by posting two or more of said copies in conspicuous public places in town, seven days before the time of said meeting.
WARRANT FOR TOWN MEETING.

Hereof fail not, and make return of this warrant with your doings thereon to the subscribers, on or before the time of said meeting.

Given under our hands this twenty-fourth day of February, A. D., 1885.

OLIVER SHAW.
JAMES W. MAGEE.
ABRAHAM L. RICHARDS,

Selectmen
of
Watertown.
THE
FORTY-SEVENTH ANNUAL REPORT
OF THE
School Committee
OF
WATERTOWN,
FOR 1884—'85.

WATERTOWN:
FRED. G. BARKER, STEAM PRINTER.
1885.
SCHOOL COMMITTEE.
1884-85.

A. L. RICHARDS, Chairman. Term expires 1885.
C. W. STONE, Secretary. “ “ 1886.
CHARLES BRIGHAM, “ “ 1887.
JOSHUA C. STONE.

SUB-COMMITTEES.

High School.
A. L. RICHARDS, Chairman, C. W. STONE, Rev. R. P. STACK, A. L. RICHARDS.
J. C. STONE, A. G. FITCH, C. BRIGHAM.

Centre District.
C. W. STONE, Chairman, Rev. R. P. STACK, A. L. RICHARDS.
J. C. STONE, A. G. FITCH, C. W. STONE.

East District.
J. C. STONE, Chairman, A. G. FITCH, C. W. STONE.

South District.
C. BRIGHAM, Chairman, A. G. FITCH, J. C. STONE.

West District.
Rev. R. P. STACK, Chairman, C. W. STONE, A. G. FITCH.

Lowell School.
A. G. FITCH, Chairman, Rev. R. P. STACK, C. BRIGHAM.

Finance and Repairs.
C. W. STONE, Chairman, J. C. STONE, A. L. RICHARDS.

Text Books, Drawing and Music.
Rev. R. P. STACK, Chairman, A. G. FITCH, C. BRIGHAM.

Superintendent,
GEORGE R. DWELLEY,
Office: Town Hall. Office Hours; Tuesdays and Thursdays from 3:30 to 4:30 o'clock, P. M.
WATERTOWN, Mass., February 2, 1885.

In School Committee, Voted, That the Reports prepared by the Chairman and Superintendent be unanimously adopted as the Annual Report of the Committee to be presented to the Town.

Attest: CHARLES W. STONE,
Secretary.
REPORT OF SCHOOL COMMITTEE.

In compliance with the law of the State, the School Committee submit to the town their Annual Report, and also offer the accompanying Report of the Superintendent of Schools.

In some of the schools there has been a change of teachers. In March, 1884, Mr. C. A. Neville resigned as principal of the Centre Grammar, and Mr. G. S. Turner was elected to the position, taking charge of the school April 7th, 1884; on the same date Miss Ruth Howard became teacher of the South Intermediate School (new). In August last Mr. Sumner Coolidge resigned as second assistant in the High School, and Miss Alice Patten received the appointment. At the opening of the schools in September an additional Primary school was formed in the Centre District, called Primary No. 9. Miss F. M. Morey was elected teacher of this school.

At the close of the fifth week in the fall term, Mrs. Campbell, Principal of the South Grammar School became seriously ill, and Miss Carr, first assistant in the Centre Grammar School, consented to comply with the request of the committee to take charge of the South Grammar School during Mrs. Campbell's absence. Miss Carr rendered admirable service, besides relieving the Committee from the difficult position of finding a teacher, who for a short time would be willing and able, to care for a Grammar school so ably conducted as this school has been for many years by Mrs Campbell. During Miss Carr's absence from the Centre Grammar School, Miss Kate Sibley was employed as teacher.

In November Miss Abby L. Howard, teacher in the Lowell School, resigned, to take effect in December; by the efforts of the Secretary of the Board and Superintendent of Schools, an experienced teacher, Miss E. T. Packard, was secured who now has charge of the Lowell School.
The new school known as Primary No. 9, is occupying the vestry of the First Parish church, as it was the only room the sub-committee could secure, that was at all suitable for the purpose. The Committee are under obligations to the officers of the First Parish Church for their consent to the use of the vestry as a school-room.

There has been expended $268.72 more than was appropriated for schools the past year. It will be necessary to increase the appropriation for the coming year, as there must be two and possibly three additional teachers; there should also be money to the credit of the Committee, to allow them to advance the salaries of teachers whom it is for the manifest advantage of the schools to retain.

The information received from the committee having in charge the building of the new schoolhouse on White's Avenue, is to the effect that the schoolhouse will not be ready for use before the term beginning in September next; therefore the School Committee will be compelled to provide additional room this spring for at least fifty pupils.

There will have to be an expenditure for repairs on the Centre Grammar school.

Attention is called to the fact that in order to use the rooms to advantage in the various school buildings, the district lines will have to be changed. The matter of redistricting the town is one in which few parents have been willing to acquiesce, as the Committee have learned whenever they have attempted a change in district lines.

The Committee submit that the condition of the schools is good, also that the plan of Superintendency is proving satisfactory, and its continuance is recommended.

A. L. RICHARDS, Chairman.
REPORT OF FINANCE COMMITTEE.

Expenditures for Schools for the Year ending January 31, 1885.

<table>
<thead>
<tr>
<th>Appropriations</th>
<th>Amount expended.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Salaries of Teachers and Superintendent</td>
<td>$16,600 00</td>
</tr>
<tr>
<td>Janitors and Truant Officers</td>
<td>1,375 00</td>
</tr>
<tr>
<td>Text Books and Stationery</td>
<td>1,000 00</td>
</tr>
<tr>
<td>Repairs and Incidentals</td>
<td>1,000 00</td>
</tr>
<tr>
<td><strong>Total Appropriation</strong></td>
<td><strong>$19,975 00</strong></td>
</tr>
</tbody>
</table>

Town's share of School Fund, $64 63
Rent, Aetna Mills Schoolhouse, $25 00
Iron Pipe, High Schoolhouse, $10 72

Amount expended in excess of appropriations, $20,975 35

C. W. STONE,
J. C. STONE,
A. L. RICHARDS,

Finance Committee.

Estimate for Appropriations for 1885-’86.

<table>
<thead>
<tr>
<th>Appropriations</th>
<th>Amount expended.</th>
</tr>
</thead>
<tbody>
<tr>
<td>For Salaries of Teachers and Superintendent</td>
<td>$17,870 00</td>
</tr>
<tr>
<td>For Salaries of Janitors and Truant Officers</td>
<td>1,500 00</td>
</tr>
<tr>
<td>For Repairs and Incidentals</td>
<td>1,200 00</td>
</tr>
<tr>
<td>For Text Books and Stationery</td>
<td>1,350 00</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td><strong>$21,920 00</strong></td>
</tr>
</tbody>
</table>
SUPERINTENDENT'S REPORT.

To the School Committee of Watertown:

Gentlemen,—In compliance with your request, the Superintendent herewith respectfully submits to you, and through you to the citizens, his second Annual Report.

In plan and purpose, his work has been the same as last year. He has striven to plant, to build, to enlarge and to uplift. He has recommended for appointment only teachers of experience and established reputation. *He has made no change lightly. The change he has most sought has been a "sea-change;" the infusion of better blood; the use of more rational methods; and the development of higher aims.

The Primary Schools.

There are ten schools, one more than last year, in which, under widely varying conditions, the work of the Primary grade is done.

The general conditions for this work have been less favorable than usual. Want of accommodations in the upper grades has made desirable promotions impracticable; and, in consequence, children have been kept for a year and a half, instead of for a year, in three schools at the Centre and the West.

This unavoidable detention, increasing as it does the work of these schools one half, has unfavorably affected the quality of their work.

The new school in the vestry of the Unitarian Church, besides the obstacle just named, has the further embarrassment of doing its work without desks, without the customary isolation of pupils, and with insufficient black-board surface.

Yet, in spite of the impossibility of a good organization, eight
of these ten schools have done satisfactory work. And in the other two, where the call to teach has been associated with less ability to teach, there has been much pains-taking, conscientious effort.

The Primary schools give to the average child "(1) ability to read easily at sight any piece in an ordinary Second Reader; (2) ability to write a clear and legible hand; (3) ability to frame his thoughts in simple, yet correct language both spoken and written; and (4) ability to perform all separations and combinations up to 144."

But this little summary does not include the half that these schools do for the child.

Where he was wont to see few things, they train him to see many things, and the important things. Not only does he see more, but what he sees he sees more clearly.

The schools sharpen his perceptions.

And as he observes, he discovers, to a greater extent then before, the relations of objects to one another,—likeness, difference, cause, consequence; more and more accurately as the years pass, he discriminates, defines, classifies; and, in his own way on his own plane and with material he has himself collected, he thinks, he reasons.

Exercise of faculty gives skill and strength to faculty: by the roadways of observation and experience the child travels toward power.

As it can never be foreseen in what year of his life any particular child will cease to derive benefit from your schools, it becomes important so to arrange the pursuits of all that, whenever school connection ends, the child will have—as far as it goes, and as far as the years spent in school permit—the best possible education.

Such a plan of study keeps perpetually in view, as its fundamental principle, the greatest good of the greatest number, and advances in constantly enlarging circles. In the early years, work is directed mainly to what is useful and practical, to the development of right habits of perception and conduct, and to the
mastery of subjects without the knowledge of which every life is in fetters.

Among these studies, in any scale of values, reading should receive the largest share of attention. From the hour of his appointment, the Superintendent has struggled with teachers to secure greater prominence for this "art of arts." In one Primary school, at least, he has what he wishes. Half the entire time of this school is spent, and usefully spent, in training the children to read, and to love reading.

Drill in reading gives ease in reading; and a rapid recognition of words is indispensable. At first, the words of the book are barriers to thought. The business of the school is to convert them into carriers of thought. In proportion as the difficulties in reading vanish, a taste for reading is likely to develop. And if the child is ever to enter upon the vast estate of knowledge which is his birthright; if his life is to be luminous with thought; the love of books and the easy command of the treasures in books must become an early possession. Such command comes only through the unwearying practice of years; the love, through the interest a wisely directed practice awakens and strengthens and intensifies.

After the preliminary training is completed, and the child has gone "from black-board to books," supplementary reading becomes the strong staff of the teacher. With the call to such reading, eyes sparkle, and "hearts" come home from "the Highlands." An Intermediate teacher with two classes says that when this reading is the occupation of one class, she cannot keep the other to its studies. Another Intermediate teacher, into whose school a simplified "Robinson Crusoe" has been put, says that her pupils take the original work out of their fireside collections, and, too impatient to await the school perusal, continue by themselves and for themselves the delightful story.

Thus even in little children genius works with its wonderful leaven; like appeals to like; and quicker and stronger are the pulse-beats of the intellectual life.
The Intermediate and Grammar Schools.

The only change of the year in the organization of these schools has been the separation of the mixed Intermediate and Grammar School in the South into two schools. The change gives accommodations needed by both departments of the original school, and provides somewhat for future growth.

There are now seven Intermediate and four Grammar Schools. They differ greatly in organization, number of pupils, and other inexorable conditions, and exhibit in consequence much diversity of results. It would not be fair to judge them by any uniform test; but, with the needful variation in the standard of measurement, most of them deserve approval; and, if skill were co-equal with earnestness, there would be no criticism of any.

As a whole they have done better work than last year. The great school at the Centre is once more in all its parts distinguished by efficiency and thoroughness.

It is the duty of these schools, as stated in a previous report, to give to every pupil, prior to his graduation from the Grammar grade, the following possessions and powers: (1) so much of arithmetic as will enable him to solve at sight the ordinary problems of business; (2) an intelligent acquaintance with the geography and history of his own country, and some knowledge of the world at large; (3) the ability to write off-hand and with fair penmanship a letter or other simple composition, correct in form, spelling and language; (4) the ability to communicate his thoughts in natural, unstudied speech; (5) the ability to read easily and expressively at sight, newspaper, book, or magazine; and (6) a fondness for general reading, and a working interest in at least one intellectual pursuit.

Perhaps the one of these six particulars in which success has been least complete is the last. On this line of effort, the teachers work at enormous disadvantage for lack of essential helps. Here, as well as in the Primary Schools, supplementary reading is requisite to secure the best results. For the last three years the
town's share of the income of the School Fund—about $90 per year—has been applied to the purchase of this reading. Thus far the books purchased have been chiefly for the use of the Primary Schools.

But such books as the simplified "Robinson Crusoe," Scott's "Quentin Durward" and "Lady of the Lake," Kingsley's "Water Babies," and the "Swiss Family Robinson" may be read in the Intermediate Schools, and do much to inspire in the children a love of good literature.

And in the Grammar Schools, "Science Primers," Shaler's "First Book in Geology," and works of similar design on a great variety of subjects, would—if possessed—open to the child fields of knowledge now practically closed to him, and, unless brought to his attention in this way, likely in many instances to remain forever closed.

In all public libraries, three fourths of the books are useful to but few. They stand upon the shelves like a silver service in a bank vault. Readers of wide intellectual range are infrequent. And existing means and methods of education will never produce them in the numbers requisite to take from many a noble volume its present character of "wall-flower."

In new ways must the schools train their pupils to love books.

But children learn to love books, as they learn to love music and pictures and flowers, through many experiences of the pleasure derived from them.

Intellectual tastes are growths.

If furnished with sufficient and suitable material, your schools can give to the ordinary child a love not only for reading but for reading on widely separated pathways of thought. To purchase this material, the Superintendent asks of the reading public and the child-loving public—in addition to the means at present at his disposal—an annual appropriation of $200 for five years.

Still further to emphasize the importance of early efforts to develop intellectual tastes, attention is urged to the period at which the school life of so many children terminates.
In the Boston schools—as shown in last year's Report—in a total of nearly 60,000 pupils, the maximum of attendance was in the ninth year of age. In the same schools four fifths had left at the end of their twelfth year.

In your own schools the attendance at fourteen is but half what it is at eleven. For a majority of your children the Intermediate schools are the High schools,—the highest educational institutions they will ever enter as students.

In all the schools promotions from a lower to a higher grade are made after adequate preparation for the higher work. If, through any oversight, a child is improperly advanced, the teacher of higher grade returns him to his former rank for further preparation. Thus, throughout all the grades, the work of every teacher is tested by the judgment of another higher in rank than herself. But, as the highest grades are approached, examinations become the most satisfactory tests of fitness for promotion, and the most valuable examinations are those the precise character of which neither teachers nor pupils can predict.

Examinations are valuable (1) to measure the acquisitions of the child, and to find out in some degree the carrying power of his mind; (2) to test his ability to do practical work, as for example, to read, to write, to solve problems, or to construct sentences; and (3) as educational helps. The need to carry in the mind at one time an entire subject, or several subjects, strengthens in the child the habit of looking at a department of knowledge as a whole, and directly cultivates breadth of view and largeness of mental grasp.

Again, through the promotions that follow satisfactory ones, examinations give a definite aim in work and a reward for successful work. The child is a rudimentary man, and without adequate motive and reward is as indisposed to strenuous exertion as his elders. It is found that school work done without the stimulus of a powerful motive, such as examinations furnish, is negligently done, and that lazy children, "in the absence of an external test, easily lapse into carelessness and indifference."
Further, examinations "call out the moral qualities needful for success in life, and require teachableness, concentration, and above all, the power of enduring hardness, of working when one would rather not work, and of setting one's self to master thoroughly what may be distasteful. They evoke the courage and the resources of the child, and, merely to have made his effort conscientiously, and to have done his best, gives a moral elevation to his character."

Finally, examinations dictated from without are aids to teachers by helping them to preserve friendly relations with their idle pupils. The puzzle in teaching is how to keep such pupils—and they exist in unwelcome numbers—at steady and salutary work.

Coercion begets aversion; and hence there is a growing dislike to use authority sharply. The teacher gladly shifts to a "piece of mechanism" the unpleasant task of enforcing acquirement. He points to the questions of previous examinations as marking a level that must be reached. The idlers recognize that their teacher is no more responsible for these tests than for their toothaches; that their failures cloud his reputation; and hence they view him, as having common interests with themselves, and as a powerful ally who will train them to answer the riddles of the Sphinx.

During several years there has been an increasing desire for the establishment of a school in which advanced Grammar work could be done.

In some degree to give the opportunity for such work, and as the best arrangement then practicable, the "Two Years' Course" was annexed to the other work of the High School. This course has annually drawn to itself a sufficient number of students to justify its continuance; but it is a course open to serious objections.

(1) It interrupts to too great an extent a desirable connection with former work. (2) It does not give to those who pursue it exactly what they want. (3) It advances too rapidly. And, (4) it discourages those who pursue it by bracketing them in
some of their studies with persons more mature in judgment and better trained in intellect than themselves.

What has all the time been needed has been an unbroken continuation of existing Grammar work in English and Business Arithmetic, and the addition of Physiology, Book-keeping, and the elements of Physical Science to the list of Grammar studies. In view of the accommodations to be afforded by the school building now in process of erection, the present seems a favorable time for the establishment of an advanced Grammar School. If the requisite number of pupils should offer themselves, the scheme of study already outlined, or a similar one, could most profitably be taught in a separate school. In the absence of a sufficient number, the same work could be done, though somewhat less satisfactorily, as a part of the work of a new school.

The West and Centre Grammar schools are now crowded with pupils. In the spring relatively small first classes will be graduated and large third classes will enter. In some way accommodations will have to be provided for the overflow. The new school might well receive the pupils who, in the regular course of promotion, will become the next first class in each of these schools. Their withdrawal would leave the Grammar accommodations at the West and Centre sufficient for the influx of the coming school year. The withdrawing pupils, united in one class, would constitute the lower department of an advanced Grammar school, and the pupils certain to present themselves in the event of a discontinuance of the "Two Years' Course" in the High School, would constitute the higher department of such a school.

The arrangement here suggested is but one of several practical escapes from a difficulty not, by possibility, to be altogether avoided.

There is a well understood order of development for the mental faculties. They rise into view, in foreseen succession, like the constellations of the night. Sensation and perception first appear. Hence, for the very young child, teaching begins with knowledge that comes through the eye or by direct intellectual impression.
One teaches from objects, sketches of objects, or word-pictures of objects. Wherever these are not available—and in many parts of Primary work they are not—the teaching advances through simple statement and simpler explanation. The new facts are placed one at a time, till fully grasped, before the mind of the child. There is little attempt at speed. There is no effort after logical connection. But illustrations swarm. Nothing is suggested that is not helpful, and that only is suggested which gives help in the easiest way. Through endless reappearances—as of the theme in a fugue—the idea is made first a familiar thing and at length a possession. In accordance with a plan unseen by the child, the information to be communicated is laid in his mind bit by bit and in an orderly way. He has felt a pleasure in all this; his interest has been roused, and his curiosity gratified: by easy steps and within the sphere of his observation, he has been led to think and to experience the pleasure there is in thought.

As he learns to read, he finds new springs of delight in the stories of his books. He treasures these in his memory, recalls them with purposed variations of his own, and makes little reflections on the situations described or imagined. His intellect is independently exercising itself upon his school employments. The processes of learning and thinking have given him enjoyment; if he looks backward, he discovers that they have given him power.

The teacher has now the "pou sto"—or standing ground—of Archimedes, and can move the world he wishes. The child is easily made to believe that the higher and harder work to be set before him will yield fresh pleasure and lead to wider empire.

In this condition of awakened intelligence, and with the consciousness of power, the child passes into the Intermediate school. He can read, write, spell, and make simple calculations; and has the self-confidence inspired by a successful past. Memory and imagination are now active. Development has reached the knowing stage. The firelight of the understanding shines brightly.

The working period has come; and the mind is to be taught
how to get at work, to keep at work, and to love and reverence work.

That its grasp of knowledge may be wide and permanent, it must learn how to fix and prolong attention, how to use the manifold helps to rapid acquisition, and how to increase the tenacity of memory. That it may not become a mere repository of facts, principles and truths, but a factory in operation, distinguished for productiveness, and for the quality of its products, it must be taught how to think continuously, how to discover the principles which give value to facts, and how to arrive at truth.

The more the child would know, the more skilled must he become in the ways of knowing. As he works for this skill, he "builds better" than he is aware. In his efforts after facility, he gets faculty.

Increase of knowledge, enlargement of intellectual acquisitiveness, a love of literature, ease and accuracy in thinking, and a growth in the power of thought, should come to the child out of the six years in the Intermediate and Grammar schools.

Well may the faithful teacher stand appalled before the magnitude and responsibility of his work.

It will be seen, from what has already been said, how vital to him is a knowledge of right methods and skill in their use; how vital a knowledge of the mind to whose laws of activity all good methods run parallel.

Yet, between that which is vital and that which vitalizes, how immeasurable the interval.

If the teacher have everything else, and have not the "spirit that giveth life," he is at his best but an educational machine. Inspiration is better than consecration. The true teacher pours his life, like molten gold, into his work; and teaches with every thrill of his nerves and every instinct of his heart.

He succeeds through the exercise of an impregnating personal influence.

The Athenians, who pierced as near the core of the matter as any of our modern word-painters, used the term "sunousia"—or
the being with—to define the benefit the pupil received from his instructor. In the personal association with a superior mind, they rightly saw conditions favorable to the development of power.

A successful school must have at its head—and far ahead—an open-eyed, child-loving man or woman; broadened by experience, dowered with spiritual insight and sympathies, and, with a wise suggestiveness, scattering the germs of thought as lavishly as the bursting thistle its wind-sown seeds. Out of the example and character of such a teacher speeds a force which shall exalt and re-create. He is, if anybody is, a "prophet of the soul," and from higher peaks of being than his pupils occupy, "shoots influence down." In life as in fable, it is always Prometheus who brings from Heaven the fire of Heaven; it is always Diana who stoops from the skies to wake and inspirit the sleeping Endymion.

The High School.

The High School is open to all who can satisfy its not difficult requirements upon entrance. It must not, however, be estimated by the faint of heart and unsettled in intention who often stray into it and fail to stay in it; but by those who remain to catch its spirit, who carry its diplomas, and who have been trained by it to seriousness, steadfastness and strength.

Within the last year, one of its recent pupils has entered the Institute of Technology; a second has begun to study for the ministry; two of its girl-graduates have passed without conditions of any sort the final examinations at Harvard,—under precisely the same tests as give full admission to the University,—one of them winning honors in classics, and the other, in mathematics; another of its graduates, in competition with one hundred and twenty fellow students, took the first prize of his class in the Harvard Medical School; and still another won the highest prize for Greek scholarship offered to the Senior class in Brown University.

There is a disposition on the part of a few parents to hurry their children into this school. In the case of quick-witted,
studious children little harm is done; but the premature admission
of pupils with slow-moving intellects, or with thought-power unde-
veloped, is harmful to school and children alike. The pace of a
class is the average speed of those who constitute it; and, if the
pace is slow, the prescribed work of a year is done either imper-
fectly or but in part. Yet the injury to the school from injudicious
admissions is trivial compared to the injury to the pupil himself.
A slow-witted pupil often has as good an intellect as his readier
classmate; and, if he could have the time his mind requires for
its best action, would do valuable work. But the plan of study
of the High School—as a single example will show—does not
give to the slow intellect this needful time. In the lower schools
a child has nine years in which to acquire a certain proficiency in
Arithmetic. In the High School the same pupil is expected to
acquire equal proficiency in Algebra in one year. Now the work
in Algebra is a full equivalent—when properly done—to the
nine years' work in Arithmetic. Hence, the High School pupil
—if he is to do credit to himself—must travel in this study many
times as fast as ever before. As a consequence, the slow-thinking
child falls behind his class even from the start; loses sight of it
altogether in a few weeks; and then—if he has good sense—
drops out of the school.

Here is a total loss of the higher education for such a child;
yet, if he had remained in the Grammar school a year longer, he
would have been fitted for a successful prosecution of the High
School studies.

Last spring, the urgency of parents secured the admission of
several inadequately prepared pupils. Most of them speedily
discovered that, if they were to fly, wings were requisite, and
voluntarily withdrew; one flatly refused to do the work,
and for a time shook off pupilage; another had industry,
capacity and quickness, and is to-day an acceptable member of the
school. At the same time with the admission of these,
twenty-one others were regularly admitted after a satisfactory
examination. Seventeen of the twenty-one are at present in the
school; and, of the four who have left, one left to engage in outside work. To such as will heed it, there is an instructive lesson in this bit of history.

The following summary exhibits a part of the benefits the school confers. It gives (1) so much of Algebra and Geometry as will enable a young fellow to enter on a good footing a civil engineer's office, or any technical school; (2) enough of practical knowledge of Business Arithmetic and Double-entry Book-keeping to fit for the work of book-keeper in an ordinary business, or of assistant book-keeper in a large one, or for the intelligent oversight of such work in one's own affairs; (3) a satisfactory comprehension of the leading principles of physical and natural science, as illustrated in Physiology, Botany, Physics, Chemistry, Physical Geography, Geology and Astronomy; and some training in the methods of investigation and reasoning, peculiar to them; (4) some knowledge of the great republics of antiquity, and an acquaintance with the history of our island fore-fathers, and with the development of institutions from which sprang our own, as exemplified in the annals of the English people down to the establishment of the English Commonwealth; (5) such a command of the resources of our mother tongue as comes from the critical examination of many of its master-pieces, from much practice of essay-writing in it, and from a four years' study of its discriminations, its modes of growth, and its capacities as an instrument of expression; (6) enough of Latin, Greek and French to secure admission to Harvard College; and (7) along all channels open to it, the school trains to grace in style, power in thought, and poise in character; and lays as solidly as it can the foundations of a liberal education.

The incidental advantages the school brings to its pupils and to the public are many.

"As elementary instruction is most efficient, where higher instruction is most widely diffused, it becomes, by mere fact of neighborhood, a source of efficiency to the Primary and Grammar schools. It attracts to its vicinity a desirable community of par-
ents. It is a feeder of the college, the university, and the professions; and is a perpetual reminder to all of the value of learning and science. It makes labor more intelligent, more versatile, more inventive, more fertile in resources, and more honorable, because brawn is mingled with brain, and the worker is a thinker. It compels every generous soul that receives its training to love the town which has done so much for him, and he cannot be other than a patriot. It multiplies for the recipients of the education it gives the sources of enjoyment and the opportunities of usefulness, gives the poor a fair chance to escape poverty, levels none down but all up, reduces the lower classes to a minimum, and replenishes to a maximum the middle classes that are the glory and strength of a free state. It takes the youth at his most critical age, when, more than ever before or after, he needs right influences and right employments, and gives him wholesome work to do; fruitful lessons of truth and purity and right to learn; noble examples—the grandest in history—to ponder;” educates his will; and develops in him, in the vast majority of cases, that “guarantee of a life of honor”, mastery over himself.

Subjects for Commendation.

In the general history of the schools for the past year, there are several events worthy of separate mention, either for their individual significance, of for use as finger-posts pointing toward other growth or improvement. The most noteworthy are here given.

(1) The re-organization of the South Grammar school.

(2) The establishment of a new Primary school in the Unitarian Vestry.

(3) The erection of a new school-house to satisfy urgent needs.

(4) The greatly increased and increasing efficiency of the Centre Grammar school.

(5) The preservation of two of your best teachers from the strong and persistently repeated temptations of other communities.

(6) The addition of four teachers of a high order of merit to your teaching force.
Miscellaneous Subjects Deserving Attention.

(1) Truancy is an evil fortunately not widely prevalent in your schools. But cases of it exist, dangerous by example, and ruinous to the education, and—it is feared—to the future career of those who feel the unloosening grip of its temptations. What seems best to be done in the cases that occur, is done; but there is a reluctance to apply the only sure remedy.

Our school laws for the suppression and punishment of this offence—though stringent enough—are not what they should be. As long as the expenses of children sent to the truant schools are a tax upon the towns which furnish the truants, there will not be the vigorous and needful exercise of existing powers. The truants sent to such schools should become the wards of the state, and a charge upon the revenues of the state.

(2) Non-attendance beyond the Intermediate grade seriously limits the usefulness of the Grammar schools. The illustrative figures here given are taken from last year's Report, for the reason that nearly fifty children, rightfully members of Intermediate schools, are—for want of room in those schools—detained in the Primary grade; and hence, the figures of last year show more truly than those of the present year the general rates of decrease:

<table>
<thead>
<tr>
<th>Intermediate Schools</th>
<th>Grammar Schools</th>
</tr>
</thead>
<tbody>
<tr>
<td>1st class, 108.</td>
<td>1st class, 54.</td>
</tr>
<tr>
<td>2d &quot; 107.</td>
<td>2d &quot; 56.</td>
</tr>
<tr>
<td>3d &quot; 117.</td>
<td>3d &quot; 81.</td>
</tr>
<tr>
<td>Total, 332.</td>
<td>Total, 191.</td>
</tr>
</tbody>
</table>

It will be seen from these figures that 141 children—or about two-fifths of all of Grammar school age—are permanently absent from these schools. Most are doubtless at work; but whether at work or in idleness, their loss is great and irreparable. They are restricted by their ignorance to the poorest paid and least desirable occupations; and a "sword that turns every way" perpetually bars their approach to much that is attractive and elevating in life.

At present, the law respecting the employment of children of tender age is very unsatisfactory by reason of its limitations. It
leaves little to be desired as respects work in "manufacturing, mechanical, or mercantile establishments"; but as respects field or farm labor, and many other employments, there is no provision by statute whatever. In some of these permitted employments the absentees from the Grammar schools are probably engaged.

Again, there is no law by which up to any age, school attendance can be enforced, if parents consent to absence. And parents do consent through indifference or wilfulness.

There is a call for legislation (1) to extend the existing restrictions respecting some kinds of child employment to all kinds; and (2) to secure to every child, beyond the possibility of deprivation, the education which shall fit him for intelligent citizenship.

(3) Number of children of school age, May 1, 1882, 882; May 1, 1883, 994; May 1, 1884, 1027. There were sixty-five admissions to the lowest grade of the Primary schools during September last. At least fifty of these were first admissions; and represent the growth from April to October,—or for a half year. A corresponding growth for the half year ending April next—when the school year opens—will give fifty more,—or a probable growth for the current school year of 100 pupils in the Primary schools alone.

The new schoolhouse on White's avenue will contain, when completed, four rooms. Whatever may be the use made of them, an additional schoolroom will be needed for the Primary school now in the Unitarian vestry; a second room for the advanced Grammar school; and two others for subdivisions of schools made imperative by recent growth.

(4) In the conduct of the schools there is, as a rule, a kindly cooperation of teachers and parents. The teachers are discreet, disinterested, and lovers of children. Their unconscious acts reveal their friendliness. One teacher says of another on the same floor, "In four years I have never heard her voice raised." Good children rarely get into difficulties. But storms arise even in sunny climes. A teacher exerts a pressure upon a class or a school to secure essential improvement in conduct or scholarship.
The tug of gravitation is hardly more certain to bring an unsupported body to the earth than such pressure to carry some lawless or lazy child to his parents with complaint. Most parents estimate these complaints at their market value; but now and then one of them is disposed of at par. Nine out of every ten of all complaints spring from the best planned work of the teachers; and represent efficiency as seen through eyes that dislike it or misunderstand it. Colored spectacles give peculiar tints to landscapes; and parents are urged to visit teachers whenever they desire white light on subjects of child censure.

(5) It is a piece of good fortune for any community when a lady by birthright and breeding, with her loving intuitions and sympathies, consents to become the teacher of any portion of its little children. Examples of sweetness, delicacy and refinement teach lessons as valuable as books. Steele said in substance of Lady Elizabeth Hastings, that “to have known her was a liberal education”. When such a one is found for you, it is your interest and your privilege to do what lies in your power in social and friendly ways to make her life among you agreeable. Suburban is no synonym for sub-urbane. If the beautiful lily could change its home, would it lastingly abide beneath ungenial skies? Your salaries are not sufficient in themselves to retain those you should most wish to retain. But recognition, appreciation, and courteous attentions will help to retain. One of your best teachers has up to this time resisted the repeated and pertinacious efforts of a neighboring city to secure her services, because of the kindliness her Watertown acquaintances have shown her. Ladies in happy and beautiful homes sometimes forget to extend a welcome to those less fortunate who are their sisters by all laws of spiritual affinity, and their rivals in the graces that spring from refined associations and the cultivation of intellectual tastes.

Suggestions to Teachers.

A. Principles of Teaching.

I "Our methods of education should act in coöperation with,
and form adjuncts to, the natural order and mode of development of the faculties. In short, we must teach children as nature intended they should be taught.

II. The chief object of primary education is to develop all the faculties. But the development of the faculties of children above a certain age, should have a due regard to their probable future. Instruction should be directed toward utility and development.

III. The aim of education is not merely to develop all the faculties, but to develop them in harmony with one another, and with reference to their proper order and relative importance.

IV. In the harmonious development of the faculties, instruction should be progressive,—the range of subjects, as well as the methods employed in teaching them, should be extended and completed as the faculties are expanded and developed.

V. Our system of instruction should foster self-development and self-instruction.

VI. In early childhood, our subjects of instruction should appeal to the senses. A knowledge of the properties of objects should be taught by comparison and contrast, and things that are unknown through things that are known. Instruction should proceed from the simple to the complex; facts should be taught before causes; and experiments, illustrating general laws or principles of nature, should precede the enunciation of these laws or principles.

VII. Whenever practicable, teaching should be constructive.

VIII. Every subject should be taught thoroughly, as far as the nature of the subject and the capabilities of the pupil will allow. Pupils should learn nothing which they will have afterwards to unlearn.

IX. To teach a subject thoroughly, we should teach from facts and principles, not from formulas and rules; and the varied aspects of the subject should be allowed to unfold themselves gradually, as the intellect of the learner becomes more and more mature.

X. In all our instruction we should attend to the cultivation of
habits. The habit of observation should be especially cultivated. *The habits of attention and concentration are the great main-springs of education.*

**B. QUALIFICATIONS AND DISQUALIFICATIONS FOR TEACHING.**

I. Teachers of limited capacity, or whose command of language is limited, invariably teach best from text-books.

II. Persons of fervid imaginations, having a great command of language and enthusiasm of character, almost always become superior teachers.

III. Decision of character, almost without exception, forms an element in the qualifications of the superior teacher.

IV. Persons deficient in general knowledge and enthusiasm of character are generally poor teachers, even though they possess great technical acquirements.

V. An earnest person, imbued with a love of children, is rarely a poor teacher.

VI. The love of teaching is generally associated with ability to teach.

VII. A good teacher will teach well by any rational method.

VIII. Poor teaching accompanies the attempt to teach too much, or without adequate preparation.

IX. Presence of mind, and a self-confidence founded on self-knowledge, are essential characteristics of a good teacher.

X. Success in teaching depends mainly on aptitude to teach. Teaching-power does not presuppose superior ability.*

**C. CONCLUDING HINTS.**

(i) The teacher who does not read and the person who cannot read have many common limitations of thought.

However successfully the individual teacher may look into himself and his personal experience for help in his work, the fact remains that the great body of educational methods, principles and laws, now in our possession, have been slowly evolved from the thought and experience of the race. The good teacher is a reader; and understands the vast indebtedness of every intelligent
man to the great thinkers who have preceded him. All prose and all verse that he can recall furnish him with illustration, argument and anecdote; and add clearness, force and interest to his teaching. Like every lawyer or clergyman who is in the front rank of his profession, he is a wide reader of professional books; he flings himself into the stream of educational thought, and seeks to saturate himself with its "water of life".

It is presumable that every teacher in Watertown has read those valuable republications of the last year,—Landon's "School Management"; Sully's "Outlines of Psychology";—the best work we have which teaches in connection the powers and processes of the mind, and the training of faculty;—the educational parts of Rousseau's "Emile"; and Tate's "Philosophy of Education";—of which Francis W. Parker says, "It has given me more substantial aid in teaching than any other English book I ever studied".

(2) The first duty of the teacher is to teach a good school. The second is, if he fails in the first, to resign. But "How shall I teach a good school" some teacher may ask. There is no recipe. Whoever undertakes to give one in detail will teach you "French in six lessons". But hints may be given. Without attention from the pupil all teaching is wasted. Heedless is first cousin to Headless. Yet attentiveness is no gift of nature. It must be taught as a lesson, and trained as a habit. In schoolrooms—if nowhere else—"absence of mind" is a common "defect of brain". Attitude, when not engaged in class-work, must be sharply scrutinized. Sitting at a desk is not study, and laziness will find even in an open book a pillow of down. The arrangement of a class is important. All must be in view, and in full view. "Presence-action" is as subtle an influence in education as in chemistry. All successful teaching is an exercise of spiritual force. There must be kindliness. Sunshine and warmth are essential to growth. There must be strength and fixedness of purpose—to overcome silent antagonisms, and tame and train undisciplined powers. There must be wisdom—to give right
direction to the unseen currents of will. There must be the ability to interest.

"The Wedding Guest he beat his breast,
He cannot choose but hear".

There must be a bounding and abounding energy. "Life is kindled only by life". Enthusiasm begets enthusiasm. The teacher must be what he would have his pupils become. As he aspires, he inspires. Snap, sense and go will "create a soul under the ribs of Death". The story of Undine is an educational allegory. And there must be a large control of the resources of speech. "Words interpret all the thoughts and feelings of man"; and bring to him truth, inspiration, and the perception of beauty in thought and soul.

Respectfully submitted.

GEORGE R. DWELLEY,
Superintendent of Schools.

WATERTOWN, Feb. 2, 1885.
SUMMARY OF STATISTICS.

I. Population.
Population of Watertown, census of 1880, 5,426
Number of Children between 5 and 15 years of age, May 1, 1884, 1,027

II. Teachers.
Number of Teachers in the High School,
" " " " Grammar and Intermediate grades, 14
" " " " Primary grades, 9
" " special teachers (music and drawing), 2
Whole number of teachers, 28

III. Pupils.
Whole number of pupils enrolled, 1,194
Number over 15 years of age, 90
Average number belonging, 998.4
" daily attendance, 924.2
Percentage of attendance (upon the number belonging), 92.6

JANITORS.

<table>
<thead>
<tr>
<th>Name</th>
<th>District</th>
<th>Salary</th>
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<tbody>
<tr>
<td>George F. Robinson</td>
<td>High School and Centre</td>
<td>$600</td>
</tr>
<tr>
<td>Andrew H. Stone</td>
<td>South, West, and Vestry</td>
<td>500</td>
</tr>
<tr>
<td>Mary Austin</td>
<td>East</td>
<td>100</td>
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<tr>
<td>Mrs. Ryan</td>
<td>Aetna Mills</td>
<td>60</td>
</tr>
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<td>Mrs. Hales</td>
<td>Lowell</td>
<td>60</td>
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TRUANT OFFICIALS.

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<tr>
<td>Ezrum V. Howard</td>
<td>&quot; &quot; &quot; &quot;</td>
<td>20</td>
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<tr>
<td>George F. Robinson</td>
<td>&quot; &quot; &quot; &quot;</td>
<td>20</td>
</tr>
<tr>
<td>Andrew H. Stone</td>
<td>&quot; &quot; &quot; &quot;</td>
<td>20</td>
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</tbody>
</table>
SUPERINTENDENT'S REPORT.

NAMES OF SCHOLARS NEITHER ABSENT NOR TARDY DURING THE YEAR.

High School.

James Shea,     May Forrest,     Ellen McDonough,
Edwin Stone,    Fanny Conley,    Eunice Critchett,
Lulie York,     Lena Mason.

Centre Grammar.

Edward K. Rand,    Agnes Sample,    Maggie A. Forrest,
Leslie E. Sparrow,  Annie E. Madden,  Mary E. Shea,
Leonard W. Johnson, Charles H. Glidden, Eva J. Berry.


J. Winthrop Stone.  Lizzie Westerfield.

Centre Primary, No. 3.

Etta Rundlett.

Centre Intermediate, No. 2.

Michael Rooney,    Annie G. Cunningham,    Dennis Shea.

West Grammar.

Fred. McKay,       Margaret Keiley,       Mary O'Mara,
                  Mary Ford.

West Primary, No. 1.  South Intermediate.

Thomas Morris,     Charles S. Ensign.

South Grammar.

John T. Hughes,     Thomas B. Hughes.
Four Years' Course of Study in the High School.

<table>
<thead>
<tr>
<th>YEAR</th>
<th>TERM</th>
<th>ENGLISH LANGUAGE</th>
<th>SCIENCE</th>
<th>LANGUAGE</th>
<th>MATHEMATICS</th>
<th>MISCELLANEOUS</th>
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<tr>
<td></td>
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<td>&quot;</td>
<td>Physical Geography.</td>
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<td>Shakespeare.</td>
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<td>IV</td>
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<td>Gilman's English</td>
<td>Botany.</td>
<td>French.</td>
<td>Double Entry Book-keeping.</td>
<td>Philosophy,</td>
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<tr>
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<td>2</td>
<td>Literature, and</td>
<td>Geology.</td>
<td>&quot;</td>
<td>&quot;</td>
<td>Intellectual and</td>
</tr>
</tbody>
</table>

1. Pupils who desire it fitted for College. Latin may be studied four years by any pupil.
2. Exercises in Music, Drawing, Composition, Declamation, and Reading throughout the Course.
3. The regular number of studies is four for each pupil, and wherever the programme shows more than four in one year, a choice is in some respects allowed. English Grammar and History, for instance, may be studied instead of Latin.

* These figures indicate the number of recitations per week. Rhetoric for the first year will include one exercise per week in each of the following subjects: (1) Penmanship, (2) Spelling, (3) Punctuation and use of capitals and (4) How to put written matter properly on the page.
<table>
<thead>
<tr>
<th>SCHOOL</th>
<th>TEACHER</th>
<th>SALARY</th>
<th>CLASSES</th>
<th>Whole No. Enrolled</th>
<th>Average No. Belonging</th>
<th>Average Daily Attendance</th>
<th>Books Belonging to Town</th>
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<td>98.5</td>
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<td>Lowell Intermediate and Primary</td>
<td>Elizabeth T. Packard</td>
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<tr>
<td>Teacher of Drawing</td>
<td>Emma H. McLauthlin</td>
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<tr>
<td>&quot; Music</td>
<td>S. Henry Hadley</td>
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<td>Primary</td>
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<tr>
<td>South Grammar</td>
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<tr>
<td>Intermediate</td>
<td>Ruth W. Howard</td>
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<tr>
<td>Primary</td>
<td>Nellie E. Williams</td>
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<td>West Grammar and Intermediate</td>
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<tr>
<td>Intermediate</td>
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<td>Primary No. 1</td>
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### Superintendent's Report

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BOARD OF TRUSTEES.
1884-'85.

Rev. Robert P. Stack,  Term expires 1885.
William Cushing,  "  "  "
Joshua Coolidge,  "  "  "
George N. March,  "  "  "
Rev. Edward A. Rand,  "  "  "

Joshua Coolidge, Chairman.
William Cushing, Secretary.
Robert P. Stack, Treasurer.

Executive Committee.
Joshua Coolidge,  Robert P. Stack,
William Cushing.

Committee on Books.
Joshua Coolidge,  Edward A. Rand.
Robert P. Stack.

Committee on Finance.
Robert P. Stack,  George N. March,
William Cushing.

Librarian.
Solon F. Whitney.

Assistant Librarians.
Miss Jane Stockwell,
Miss Ella Sherman.
REPORT OF THE TRUSTEES OF THE FREE PUBLIC LIBRARY.

The Library is now established in those conditions of permanency and safety, so long desired and so often recommended in the previous reports of its trustees. The removal to the new edifice had been effected before the last annual Town Meeting, but after the writing of the last annual report. It was begun on the twenty-second of February, and was finished and reopened for the delivery of books on the twenty-ninth of the same month. This was the beginning of its new era. It has now in store all its previous accumulations, and every succeeding year will undoubtedly be one of growth and enlargement.

A vacancy occurred in the number of the board of trustees by the declination of a newly elected member at the beginning of the year; although authorized to fill the same, the matter was deferred until the next annual meeting of the town.

The usual affairs of the Library have received the required attention, and its daily business has proceeded without hindrance or obstruction, and with such additional aids as the increased conveniences and accommodations of the new building afforded. And it is believed that the intercourse between the Library and its patrons has been more pleasant and agreeable under its new dispensation. The name of "Library" now stands for the entire premises and represents a department of municipal affairs, that with proper management and use, may be more conducive to the public welfare than some institutions that have had a longer continuance.

The usual annual addition of books has been made in several instalments during the year, in all the variety of subjects and topics that have been available, preference being given to those of
the more instructive character. Tastes and habits in reading generally have their start outside of the influence of the public library. The newspaper takes precedence, and with its advertisements and attractive notices informs the reader what to call for at the desk of the public library. It is proposed to get whatever is wanted, within the limits of reasonable discretion; but how far these limits extend is often quite a debatable question. No precise function has been assigned to the town library, as a means of education, or a source of amusement, nor has it been determined how far these two objects can be profitably combined. In this connection, the use of works of fiction is now receiving special attention in some of the larger public libraries, although in our own library it has the countenance of the majority.

An extract from the report of the Boston Public Library is here quoted, in relation to the subject just now referred to, and the action recommended thereupon. Like our almanac, although "fitted for Boston, it answers for all New England." It is stated, that:

"At the end of from six months to a year from their arrival, most works of fiction in the lower hall cease to be read. When such works have had their brief day, they remain a useless incumbrance to the shelves and catalogues. As three-quarters of the whole circulation of the lower hall and branches is of fiction and juveniles, it is probably not too much to say that at least one-half the time of seventy-five or more persons employed in these libraries, and one-half the $25,000 or more paid to them in salaries, is expended upon the above class of books. There is also the cost of cataloguing and of binding, large items, in addition. Finally, much time is devoted, principally by the librarian and assistant librarian of the lower hall, to examine new works of fiction, in order to ascertain whether they are of a character suitable for circulation. It seems to the committee that the large cost of these books, the much larger expense involved in circulating them, and the encumbrance they become to the shelves, are matters deserving very serious consideration by the trustees."
The objections urged, are large cost, and short-lived use. There is also said to have been a large falling off in the circulation of books, in those branches where curtailment of this class has been made; thus showing that the readers of this class do not take to more instructive topics in the same library, but probably pursue their wonted line of gratification in other sources of supply.

A donation of fifty-three dollars to the Library was made some months since by Miss Matilda McMaster, it being the proceeds of a musical entertainment given under her patronage. Some time afterward it was decided, with the assent of the donor, that this sum be devoted to the purchase of a clock for the Library hall. This sum has been increased by a subscription of forty dollars by the librarian and the assistants, and the amount applied to the purchase from the Howard Manufacturing Company of a valuable double dial clock, which is now placed over the library desk, and makes an important addition to the conveniences and embellishments of the room.

The Library has also been presented by the contributions of a few friends, with three pictures, in water-colors, representing neighboring scenery; these being selected from the studio in Boston, of our respected townsman and worthy artist, Mr. B. F. Nutting. We are glad to have upon our walls these mementos of his genial presence and of his graceful work.

The reading-rooms were designed for those who wish to consult books of reference, that are not allowed as a rule, to be carried away from the Library, and for those general readers who have not the desired conveniences at their homes. For which purposes the rooms are amply furnished and provided, the tables having a liberal supply of the periodical publications, and the use of any book in the Library is at the service of the visitor.

The reports of the trustees have always borne testimony to the efficient care and keeping of the Library by those who have had it in daily charge, and to the courtesy and kindliness with which its patrons have been served. The present librarian inaugurated
its methods of business, made its catalogues, and has always been its supervisor. The present assistants have rendered acceptable service during several years. The commendation heretofore bestowed is still equally deserved, and is here heartily renewed. Those persons who having libraries of their own, have no occasion for the use of the Public Library, are invited to make it a visit, and thereby give to it the encouragement of their presence, and receive themselves the satisfaction naturally derived from seeing what has been, and is still being done, for the benefit of others.

An extra appropriation was made at the last annual meeting for the furnishing and fitting up of the new building. This sum has been expended for the purposes designed. The regular appropriation for current expenses was estimated, in part, upon previous expenditure, some items of which have exceeded the estimate then made. The sum granted has proved sufficient for the running expenses, which are always provided for first, and also for a fair surplus for the purchase of books.

The librarian has received at sundry times small sums in payment of fines and for sale of catalogues, the amount of which has been turned in to the general fund. The statistics of the Library for the year will be found as heretofore in the report of the librarian.

Your Board respectfully request for the current expenses of the Library, and for the purchase of books for the coming year, the sum of $2500 and the dog tax.

Some of the plans for refurnishining were not completed last year; some new alterations in gas fixtures, in the line of more light at less cost, are contemplated, and also some conveniences in connection with the introduction of water; and still further, a small sum is needed to complete the grading of the grounds in rear of the Library building. For these or kindred purposes, your Board would like to be authorized by an extra appropriation of $500.
TRUSTEES' REPORT.

A table of the expenditures of the past year is here fully appended:

Statement of Amounts Received and Expended by the Trustees for the year 1884.

<table>
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<tr>
<th>Description</th>
<th>Amount</th>
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<tbody>
<tr>
<td>Received from town appropriation</td>
<td>$2,500.00</td>
</tr>
<tr>
<td>&quot; dog tax</td>
<td>430.68</td>
</tr>
<tr>
<td>&quot; fines and sales of catalogues</td>
<td>110.16</td>
</tr>
<tr>
<td>Total</td>
<td>$3,040.84</td>
</tr>
<tr>
<td>Paid on account of building and fixtures</td>
<td></td>
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<tr>
<td>&quot; for furniture, tools, etc.</td>
<td>$245.48</td>
</tr>
<tr>
<td>&quot; books, periodicals and binding</td>
<td>340.43</td>
</tr>
<tr>
<td>&quot; care of building and grounds, moving, repairs and cleaning</td>
<td>704.62</td>
</tr>
<tr>
<td>&quot; stationery, printing, etc.</td>
<td>38.14</td>
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<tr>
<td>&quot; gas bills</td>
<td>351.50</td>
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<tr>
<td>&quot; salaries, librarian and assistants</td>
<td>1,112.50</td>
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<tr>
<td>Total</td>
<td>2,995.96</td>
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<tr>
<td>Unexpended balance</td>
<td>$44.88</td>
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JOSHUA COOLIDGE, Chairman.
REPORT OF THE LIBRARIAN.

To the Trustees:—

Gentlemen,—My seventeenth annual report has the felicity of being written in that long dreamed of and longed for "house of its own" which we have craved for the library under your charge. We have occupied this building now some months,—long enough to be very thankful to the generous donors of the funds that made up the first half* of its cost, and to the town that has honored and, we trust, has greatly benefited itself for all coming time by the wise appropriation of the other half of its cost. If the building looks small, standing in the centre of so large and handsome a lot, its interior is ample for its present needs. If the town would like to enlarge its walls from any aesthetic feeling, that a larger building would better fit its surroundings, I have no doubt that the size of the library, now numbering over fifteen thousand (15,055) volumes and over eleven thousand (11,591) pamphlets, will within a few years justify such extension. For the present, however, there is ample room for the proper arrangement of books, and by carrying out the design of a balcony with a second tier of shelves above those in use, there will be storing room for many years to come.

* By putting together the acknowledgements of the town reports for the three years, 1883, 1884, and the present, 1885, it will be seen that there has been contributed in all, $20,300.

H. H. Hunnewell, $10,000 00 Charles B. Gardner, $100 00
Samuel Walker, 4,200 00 Rev. R. P. Stack, 100 00
Edward Whitney, 1,000 00 Geo. K. Snow, 100 00
Seth Bemis, 1,000 00 Samuel Noyes, 100 00
Mrs. Lucy W. Titcombe, 1,000 00 J. H. Conant, 100 00
D. B. Flint, 500 00 Wm. H. Ingraham, 50 00
Charles J. Barry, 500 00 E. B. Eaton, 50 00
S. R. Payson, 500 00 Wm. H. Dadmun, 25 00
Mrs. P. C. Brooks, 500 00 Mrs. R. A. Bradford, 25 00
Solon F. Whitney, 200 00 Mrs. A. L. Richards, 25 00
J. K. Stickney, 100 00 T. G. Abbott, 25 00
Mrs. Theo. Chase, 100 00
If there are not to be found in the interior of this building all the conveniences which the experience of use would suggest, it can be said that the eye rests with much satisfaction upon the pleasant colors of the solid walls, the natural graining of the selected woods, the harmonious proportions of the mouldings and of the arched and vaulted ceilings. There is a feeling of security in the solid brick walls which we hope will invite our wealthy citizens to make this the depository of some of their art treasures, where they may enjoy them the more for knowing that others also enjoy them. Such a bestowal,—I believe it is the suggestion of Emerson,—would relieve them of any fear of their destruction or anxiety for their care, and give them the added satisfaction of feeling that others were gaining pleasure and improvement without additional expense to them.

There have been given to the library, several pictures which now hang on the walls. We would like much to have specimens of the work of all our native artists. As there are no funds to purchase such works, and as such works are pleasant to look upon, and useful as an incentive to the young, we are the more ready to encourage that generosity or local pride that would secure for our building the best fruits of native skill,—any evidences of the presence among us of the fostering spirit of art.

The names of several artists who have acquired fame abroad or beyond the bounds of our own town will readily occur to you. We are glad that a spirit of neighborly kindness and generous appreciation of faithful work done has found it in its heart to wish to adorn our walls with the sketches of one whom we could wish the light of many summer sunsets might still find able to help us to enjoy the beauty of our river banks and hillsides.

Besides the three water colors of Mr. Nutting, we have received as a gift from an amateur, Mr. Henry Holmes, of Boston, a sketch of a garrison house, used in Indian wars, at York, Me., interesting as a historic illustration, it having fallen from decay since this sketch was taken. A large photograph of the Laocoon, from the studio of the lamented Carie Frazar, is the gift of her mother.
The portrait of Evarts, and the portrait of General Grant, are the gift of our popular and enterprising postmaster.

We have no separate room for an art gallery, but by some fitting modification of the color of the walls of the reading and reception rooms, we may find appropriate resting-place for any works of art which our friends may desire to present.

While the upper spaces on the walls are available for pictures or sculptures, the lower portions might be occupied by cases to be filled with specimens of natural history. We have been offered a collection of birds' nests and eggs, also a collection of minerals, if we had cases to put them into. A few coins have come to the library; more would come if we had a proper place to put them. Coins and other relics of the past are the materials of history, and fit objects of interest and instruction, and so are as worthy of preservation within our walls as the written or printed books that describe them. I can see how some cases could be filled with instructive minerals and specimens of rocks and rock formations at no expense to the town, except for the cases.

The use of the new building for nearly a year, as well as observation of its opportunities and capabilities, presses upon my mind more and more the importance of trying to utilize the large front room in the basement for a reading-room. By an expenditure, slight in comparison with the original cost of the lot and building, the library could be made useful and attractive to hundreds who now never visit it. I cannot help feeling that here is a fine opportunity for anyone to do a thing that would for a comparatively small expenditure,—one or two thousand dollars,—nearly double the usefulness of what has cost so much thought and labor and treasure. Let an entrance be made directly from the street into the basement, an entrance that should invite the unemployed by the ease with which they could reach a good reading-room. Let this reading-room be furnished with a collection of the best local and city papers, with such papers illustrating the various useful arts and manufactures as would prove interesting and instructing, yes, attractive, to many who do not now make
use of our rooms. The finishing and furnishing of the room should be plain and solid, inviting use. It should be light and warm, and could be kept clean and orderly at a slight expense. I cannot help feeling that it would prove useful to many who now waste their time on our streets for want of reading they can appreciate. Perhaps some have a feeling that the fine rooms up stairs are too fine for use. Let the present reading-rooms continue to be reading-rooms for students; let them be for the use of any who wish to consult books or periodicals, or any objects of art, or specimens of natural history which we may acquire. I am one who has great respect for our fine police. I always feel like lifting my hat when I meet one of these uniformed sturdy defenders of the law, these able promoters of good order. But I cannot but feel that such a room as this I propose for the basement of our building, would lighten their labors, and would do the work for the cause of law and order of at least one additional member of the force, and so its cost might properly be charged, in thought if not in reality, to the appropriation for the maintenance of good order. I have found no resistance to those wholesome rules required to preserve that quiet and order desired in rooms devoted to such uses. The generous intent of all that is done for such an institution has weight, so that a personal appeal is all that is necessary when the thoughtless fall into apparent disorder.

It is the experience of other libraries that the current periodicals of the reading-room induce a habit of reading; that the reading-room proves the open door to the more enduring treasures of the book-shelves. I do not think that one can, by drinking water, get the benefit which we naturally expect from solid food, but still, water is necessary. I do not think that one can get the solid nutriment from reading newspapers and the lighter forms of literature which one, who has the digestive power required for it, can get from the condensed thought of our philosophers,—for instance, Plato, Bacon, or Emerson,—or from our scientific men, or our theologians, but many have not yet formed the habit of reading, and material so closely connected with our daily life will
help form the habit. "Philanthropists tell us that their experience among the poor shows them that it is a great safeguard to grow up with a strong love for reading."

I am desirous to see this library useful to a far greater number of our people. If they only knew just how they could be benefited and at the same time delighted, they would find time for its use; they would demand the most abundant facilities which our limited space can furnish. The expense would not be considered in comparison with the benefits.

The character of the circulation and use of the library changes but slowly from year to year. Instead of six per cent. of the books which were called for at the desk being for use in the building as last year, eight and a half per cent. were so used. This means more quiet study in the building than before. We would like to see this use of the library rooms quadrupled. Many of the most expensive books can be only so used. The place to use books of reference is where they can be easily obtained. The good light, the pure air, the quiet and ready assistance which the library would render to all, should make our rooms more and more attractive. The percentage (60.3) of fiction and juveniles issued from the library this year, as last, remains phenomenally low.

March was the month showing the largest use of the library during 1884, and February, shortened by closing for the purpose of moving, the smallest. The largest number given out in any day was 412, on March 1st, the first day in the new building; the smallest was 27, on July 29. January of the present year, 1885, shows a larger circulation than for any other January since 1877. Our circulation, while small in the aggregate compared with larger libraries, is large for the number of our people.

Soon after moving into our new building, the number of hours during which the rooms are open was increased by keeping open between six and seven o'clock, so that now the hours are from three o'clock till nine, or six hours each day. Many people do not seem to be aware of this yet, as we continually find people
expressing surprise at finding the *library open between six and seven*. On the other hand, there is scarcely a forenoon when we find it necessary to be at the library for extra work, when one or more persons will not come in and sit down at the tables as naturally as if the library were open at all times,—like the post office,—or like a European cathedral.

There seems to be no end of the work that can be done in the library. The amount done is limited only by our time and our ability. I consider that we are fortunate in my assistants. They are attentive, studious to please, industrious. They have occasion to use all their increasing store of knowledge in the regular discharge of their duties. If one is at all fitted for library work, his services are necessarily of greater value to the library, with each new day's experience. All connected with the library feel the need of greater knowledge of the stores in our keeping, as we wish to be of all possible use to those who come for help. Those who are not familiar with library work can hardly appreciate the value of the quiet, patient, conscientious work necessary to enable one to answer all questions or to help all people to desired information on all possible subjects.

The work of arranging books, and specially this year of our store of pamphlets, goes on as we have time. To put each book and each pamphlet where it can be found at a moment's notice, is difficult enough for most people in their houses. But when over twenty-five thousand books and pamphlets are to be so arranged that when any part of any one, treating on any imaginable subject, is called for at any moment, it can be quickly found, you must have a memory that retains all things which long experience with constant observation have enabled you to see, or you must have the aid of the best systems of cataloguing and arranging which the science of bibliography or the experience of professional librarians has yet devised, to be always ready to meet every enquirer. I make the remark, which all will acknowledge the truth of, as a matter of justice to my assistants, who must
often confess themselves, however reluctantly, unable to satisfy the call of some enquirer.

If a room could be partitioned off in the basement for sets of pamphlets and duplicates while waiting binding or exchange, it would relieve the shelves in the upper room. If the boiler room could be surrounded by a brick partition, it would be an element of safety and would tend to prevent the escape of ashes to other parts of the building.

The Water Supply Company have offered to the town a free supply of water to all parts of the building or grounds, which could be made available if we had money to pay for its introduction.

Of course, whatever money is diverted from the regular appropriation for the library for these special purposes, is so much taken from the purchase of books. These special calls, as everyone who has put up new walls to enclose a home knows, are at first loud and frequent. I know you are very careful,—more careful than you would be in your own homes,—in calling for means to finish and furnish as you would like, or even as you think best.

The accessions of the past year, notwithstanding the need of new tables, and new cases, have been slightly larger than the year before. Six volumes more were purchased than last year, and thirty-four volumes more obtained by binding pamphlets. Not quite so many have been given. A list of the donors, with the number of books or pamphlets and papers given, will be found in Appendix II.

Among the accessions will be found many books of lasting value and permanent interest. Even a hasty scanning of the supplement appended to this report will satisfy any that you have not wasted the funds on harmful or useless books. It may be of use to call attention to a few of them.

I may mention among descriptive works, Lady Brassey's charming account of the voyage of the Sunbeam "In the trades, the tropics, and the roaring forties," which is fully illustrated.
"Round the world," by Andrew Carnegie, is very readable. "Six months among the palm groves, coral reefs, and volcanoes of the Sandwich Islands," by Isabella L. Bird, was published several years since, but is new to us. Johnston’s "River Congo" gives much information in regard to a region occupying just now the attention of many distant nations. "Across Chrysé, the narrative of a journey of exploration through South China border lands," by Colquhoun, very fully illustrated through two octavo volumes, describes the customs, dress, dwellings, appearance and character of the people living above the Tonquin frontier." "Japan: travels and researches," by Rein, translated from the German, a full reference book on this interesting country, is the result of studies in Japan, undertaken at the cost of the Prussian government. The work is illustrated by wood cuts and photo­types and a fine map. On this side of the world, readers will find Hatton and Harvey’s "Newfoundland: its history, its present condition, and its prospects in the future." Ober, who lectured in town a year ago, fills a thick octavo with his illustrated description of Mexico in "Travels in Mexico and life among the Mexicans." The book treats I. of Yucatan, II. of Central and Southern Mexico, III. of the border states. "Canadian pictures," by the Marquis of Lorne is the new volume of an excellent series published by the London Tract Society.

In Biography, you have added to the "Illustrated biographies of the great artists," till now this interesting series numbers twenty-seven volumes. Brown’s "Life of Oliver Wendell Holmes," and Holmes’s "Life of Emerson" are timely. The last is one of the volumes in the "American men of letters" series. Others are Scudder’s "Noah Webster," and Higginson’s "Margaret Fuller." Hake’s "Story of Chinese Gordon," will prove interesting reading in view of the long struggle and reported failure of the English at Khartoum. Watson’s "Marcus Aurelius Antoninus" takes us back to an earlier age, while Schuyler’s elaborate "Peter the Great," almost crosses the border line between biography and history. Parke Godwin’s "Biography of William Cullen Bry-
ant” forms a very desirable companion volume to Bryant’s “Prose writings” in two volumes and his “Poetical works” in two others. Froude’s “Carlyle,” Maurice’s “Life of Frederic Denison Maurice,” and Hallowell’s “James and Lucretia Mott” will give lovers of biography quite different food for thought. Parkman’s “Montcalm and Wolfe” continues his story of “France and England in America” with more interest than a novel.

In History, the accessions are, some of them, worthy a separate mention. Shattuck’s “History of Concord,” long out of print, has been looked for, for some years and at last purchased. Walcott’s “Concord in the colonial period” does not supersede it. Hall’s “Baronial halls and ancient picturesque edifices of England” has been on our list of desired books several years; it gives some fine illustrations and descriptions of buildings of interest to the student of English history. The “American commonwealths” series is continued in Shaler’s “Kentucky” and Browne’s “Maryland.” Martin’s “Popular history of France, from the first revolution to the present time,” in three volumes, continues in style of illustration, type and binding, the fine edition of Guizot, added a few years since. Sainte-Simon’s “Memoirs of the reign of Louis XIV. and the regency” is very full on this portion of French history. Plötz’s “Epitome of ancient, mediaeval, and modern history” may be of interest to students whether working by themselves or “in the upper classes of higher educational institutions.” Schliemann’s “Troja; latest researches on the site of Homer’s Troy” continues the interesting discoveries which re-establish the facts which form the groundwork of the Iliad and the Odyssey. Luebke and Caspar’s “Monuments of art, showing its development and progress from earliest attempts to the present period,” two large volumes of plates and one small volume of description, are quite as much a work of history as a work of art. Miss Mitchell’s “History of ancient sculpture” and Winckelmann’s “History of ancient art” are fine specimens of book-making and well illustrate the subjects named in their titles. Johnson’s “Typographia, or the printer’s instructor,” will interest anyone inter-

In Science, you have added Tryon's "Structural and systematic conchology," which must be helpful to one trying to study or identify shells. Winchell's "Geological excursions" is fresh and new, discussing questions of our own geology in a manner to interest the beginner. "Ideality in the physical sciences," "the final expression to some long-pondered views" of the late Professor Peirce, will lift one up into the thin air of scientific speculation. To come down to more practical affairs, one can find out in Langstroth's "Practical treatise on the hive and honey-bee" how to raise bees, if they can be raised in town. If one is interested in raising eggs and chickens, whether of common or fancy breeds, he will find interest and help in Beale's "Profitable poultry-keeping," Lewis's "People's practical poultry book," or in Wright's "Practical poultry keeper." Herbert's (Frank For-ester) "The dog," will help him take care of his dog. Burroughs' "Fresh fields," and Abbott's "Naturalists' rambles about home," quite different books, show how much of interest one can find in common nature which surrounds us all. Lesquer-aeux' "Manual of the mosses of North America," and Mueller's "Fertilization of flowers," will interest lovers of botany.

For works on education, you have added Landon's "School management," Mullinger's "Schools of Charles the Great," Sully's "Outlines of psychology with reference to the theory of education," Thring's "Theory and practice of teaching." Reports of many cities and towns are received, besides the reports of the Mass. Board of Education, and the publications of the U. S. Bureau of Education. Many of the latter publications, a list of which is given in our catalogues and supplements, under U. S. Bureau of Education, are of permanent interest and value. "Ancient classics for English readers," continued in six volumes purchased this year, increases our set now to eighteen volumes. Dr. Peabody's charming translation of "Cicero de senectute (old age)," may delight many an old man who knows not even "a lit-
tle Latin." A curious, because old collection of "Farmer's Almanacs" (1801-1812), with notes, in margins, of deaths, of local interest, was presented by Mrs. Silsbee. To one interested in that primitive sport, fishing, Roosevelt's "Superior fishing" will prove interesting, whether we love to tread the bank of brook through lowland or deep wood for trout, or to sail with stiff breeze through chopping seas for the plucky blue-fish. "How to build, furnish, and decorate," published by a 'Coöperative Building plan association,' whatever that may be, served last November as the text of a fine display of all of our books bearing, whether directly or indirectly, on this subject. This collection was shown for several weeks, on the large table in the bookroom, to all who asked to see it. More recently a collection of all our local histories of Massachusetts, or Massachusetts towns or counties, has been put on the same table, and people interested have been invited to look at them. It would be easy to make this list of interesting books much longer. I have mentioned no novels, which will be found sprinkled through the supplement.

Scholars from various schools come to the library for help to some extent. Your late vote to extend six-fold the privileges of the library to teachers who desire it, will be gladly welcomed. An article on this subject, written by Mr. Green of Worcester, will appear in the forthcoming report of the Mass. Board of Education, showing how it is possible in Worcester, for the library and the schools to coöperate in leading to a right use of a library in education. We could, of course, be of greater use to pupils of the schools if we had command of all our time for this purpose, but as it is, we wish to convince all that it is our greatest pleasure to help them as far as we can. It is by individual work that anything can be accomplished. Perhaps teachers will sometime aid pupils by reference to chapter or page of books they would like them particularly to consult. Sometimes it is best to leave the children free to browse where their fancy leads them, if for no other purpose, to get the range of the feeding grounds. But even sheep have always
thrive best with a good shepherd. I know you are desirous to grant all possible aid to teachers in their work.

In Newburyport, interest in reading good books has been awakened by the formation among young people of reading classes in history, poetry, and the fine arts, by which the chief books on those subjects have been in constant use.

At the last examination of the library, some eight hundred and ninety (891) were not found in their places, but after checking off all charged, or at the binders, or laid aside for repairs, and all that have been found since, only two are missing; these are two little thin books that we hope to find merely misplaced. The volume which appeared to be lost last year, has since been accounted for. One dollar will cover the money value of the losses of the library for the last five or six years, except where the losses have been made good by book-takers, and excepting, of course, the regular and constant wear which is beginning to show quite visibly on some of our oldest and most used books. I would advise the withdrawal of some such, and their replacement by fresh copies where thought best to continue them in circulation.

How would it work to exhibit on shelves prepared for the purpose, near the desk in the reading-room, all new books, for a week before they are allowed to go out; that all might have a chance to see them, and to enter their names for such as they desired to read? This plan is tried in some libraries. Some want only new books. This plan prevents any seeming partiality in giving out books to those who happen to know of their purchase.

The publisher of the Enterprise has kindly published all lists of books as prepared from time to time, without charge to the library. This is not the only way in which he has shown his kindly interest in the library.

Thus, in this report, I have tried to express the gratitude which the library feels to those who have given their money for our building, or books or pictures or other desirable things for use within the building, as well as to point out some of those things which we still need to increase the usefulness of this institution.
I have mentioned some details of our work, I wish I could also impart to all something of its spirit. It is only by the coöperation of all those most interested in its work of education, that the Public Library can do its best for this town. May it ever find those who are most interested in its welfare to serve on your honorable board. Every argument in favor of universal education as a guaranty of liberty and good government, is an argument for the liberal support of this institution. It must ever find its support in that feeling to which Webster gives expression when he says that "The first duty of government, and the surest evidence of good government, is the encouragement of education. A general diffusion of knowledge is the precursor of republican institutions, and in it we must confide as the conservative power that will watch over our liberties and guard them against fraud, intrigue, corruption, and violence." That the Public Library is well fitted to take up and carry on this work, is shown by the wonderful growth of the system in this state. Within the short space of time since we first organized, the number of free public libraries has been increased in this Commonwealth more than fivefold. Still its work has hardly begun. It remains for this community to make it far more generally useful than it has yet been. With the advance of years, and under favoring influences, it will grow more into the hearts and lives of all our people.

Most respectfully submitted.

SOLON F. WHITNEY, Librarian.
# APPENDIX I.

## USE AND GROWTH OF THE LIBRARY FROM THE BEGINNING.

<table>
<thead>
<tr>
<th>YEARS</th>
<th>1868</th>
<th>1869</th>
<th>1870</th>
<th>1871</th>
<th>1872</th>
<th>1873</th>
<th>1874</th>
<th>1875</th>
<th>1876</th>
<th>1877</th>
<th>1878</th>
<th>1879</th>
<th>1880</th>
<th>1881</th>
<th>1882</th>
<th>1883</th>
<th>1884</th>
</tr>
</thead>
<tbody>
<tr>
<td>Total no. vols. in Library</td>
<td>2,250</td>
<td>4,688</td>
<td>5,401</td>
<td>5,902</td>
<td>6,601</td>
<td>7,275</td>
<td>8,346</td>
<td>9,618</td>
<td>10,214</td>
<td>10,755</td>
<td>11,547</td>
<td>11,861</td>
<td>12,477</td>
<td>13,003</td>
<td>14,064</td>
<td>14,556</td>
<td>15,695</td>
</tr>
<tr>
<td>Increase during the year</td>
<td>2,250</td>
<td>2,433</td>
<td>718</td>
<td>561</td>
<td>599</td>
<td>774</td>
<td>1,071</td>
<td>1,272</td>
<td>506</td>
<td>581</td>
<td>752</td>
<td>314</td>
<td>586</td>
<td>636</td>
<td>981</td>
<td>491</td>
<td>500</td>
</tr>
<tr>
<td>Increase by purchase</td>
<td>1,788</td>
<td>2,129</td>
<td>295</td>
<td>331</td>
<td>489</td>
<td>591</td>
<td>680</td>
<td>782</td>
<td>900</td>
<td>434</td>
<td>451</td>
<td>225</td>
<td>479</td>
<td>378</td>
<td>402</td>
<td>291</td>
<td>297</td>
</tr>
<tr>
<td>Increase by gift</td>
<td>462</td>
<td>313</td>
<td>417</td>
<td>84</td>
<td>115</td>
<td>213</td>
<td>291</td>
<td>424</td>
<td>296</td>
<td>92</td>
<td>154</td>
<td>71</td>
<td>167</td>
<td>62</td>
<td>396</td>
<td>158</td>
<td>124</td>
</tr>
<tr>
<td>Increase by binding pamphlets</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
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<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>No. withdrawn, worn out</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
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<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Total no. of pamphlets in the Library</td>
<td>6,37</td>
<td>824</td>
<td>1,556</td>
<td>2,193</td>
<td>3,491</td>
<td>4,821</td>
<td>5,288</td>
<td>6,263</td>
<td>8,694</td>
<td>9,847</td>
<td>8,480</td>
<td>10,428</td>
<td>11,830</td>
<td>10,977</td>
<td>10,298</td>
<td>11,335</td>
<td>11,592</td>
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<tr>
<td>Increase of pamphlets and books by purchase</td>
<td>90</td>
<td>9</td>
<td>82</td>
<td>692</td>
<td>688</td>
<td>730</td>
<td>929</td>
<td>719</td>
<td>705</td>
<td>773</td>
<td>800</td>
<td>781</td>
<td>1,115</td>
<td>810</td>
<td>364</td>
<td>334</td>
<td></td>
</tr>
<tr>
<td>Increase of pamphlets and books by gift</td>
<td>457</td>
<td>260</td>
<td>1,085</td>
<td>514</td>
<td>812</td>
<td>722</td>
<td>1,334</td>
<td>682</td>
<td>456</td>
<td>731</td>
<td>1,239</td>
<td>625</td>
<td>266</td>
<td>712</td>
<td>557</td>
<td>1338</td>
<td></td>
</tr>
<tr>
<td>Of these there were bound</td>
<td>121</td>
<td>35</td>
<td>876</td>
<td>689</td>
<td>339</td>
<td>812</td>
<td>3,029</td>
<td>173</td>
<td>2,415</td>
<td>223</td>
<td>42</td>
<td>4215</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
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<tr>
<td>Total no. of persons who have taken out cards</td>
<td>727</td>
<td>1,071</td>
<td>1,250</td>
<td>1,484</td>
<td>1,784</td>
<td>2,024</td>
<td>2,379</td>
<td>2,500</td>
<td>2,713</td>
<td>2,982</td>
<td>3,155</td>
<td>3,311</td>
<td>3,497</td>
<td>3,696</td>
<td>3,289</td>
<td>4,114</td>
<td></td>
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<tr>
<td>No. of books covered</td>
<td>1,088</td>
<td>1,262</td>
<td>2,530</td>
<td>1,679</td>
<td>2,286</td>
<td>2,286</td>
<td>3,175</td>
<td>1,172</td>
<td>1,424</td>
<td>1,333</td>
<td>2,779</td>
<td>3,914</td>
<td>2,641</td>
<td>4647</td>
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<tr>
<td>Money rec'd, catalogues</td>
<td>$55,089</td>
<td>$42,922</td>
<td>$9,989</td>
<td>$9,610</td>
<td>$17,350</td>
<td>$15,530</td>
<td>$11,209</td>
<td>$14,555</td>
<td>$8,209</td>
<td>$5,659</td>
<td>$8,209</td>
<td>$5,569</td>
<td>$3,000</td>
<td>$7,55</td>
<td>$11,60</td>
<td>$13,25</td>
<td></td>
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<tr>
<td>Money rec'd, fines, &amp;c</td>
<td>$16,285</td>
<td>$12,85</td>
<td>$33,14</td>
<td>$61,75</td>
<td>$64,33</td>
<td>$100,84</td>
<td>$86,98</td>
<td>$85,70</td>
<td>$77,00</td>
<td>$94,04</td>
<td>$89,74</td>
<td>$91,40</td>
<td>$83,60</td>
<td>$88,77</td>
<td>$96,91</td>
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</tbody>
</table>

The Library and reading-room are open every afternoon (except Sundays and legal holidays) from 3 o'clock till 9.

1 The Library and the reading-room were closed 7 days for moving.

*Total number of pamphlets and papers given in 17 years, 12,330.

" volumes 

" pamphlets and papers bound in 17 12,330.
# APPENDIX II.

**LIST OF DONATIONS OF BOOKS, PAMPHLETS, ETC., TO THE LIBRARY.**

<table>
<thead>
<tr>
<th>DONORS</th>
<th>Pamphlets and Papers</th>
<th>Vols.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Abington Public Library</td>
<td>1</td>
<td></td>
</tr>
<tr>
<td>Allen, Edward E.</td>
<td>1</td>
<td></td>
</tr>
<tr>
<td>American Unitarian Association, &quot;Christian Register&quot; and &quot;Unitarian Review&quot;</td>
<td>64</td>
<td></td>
</tr>
<tr>
<td>Boston, City of</td>
<td>1</td>
<td></td>
</tr>
<tr>
<td>Boston Public Library</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>Bradford, Mrs. Ruth</td>
<td>1</td>
<td></td>
</tr>
<tr>
<td>Bradlee, Rev. Caleb D.</td>
<td>5</td>
<td></td>
</tr>
<tr>
<td>Brigham, Dr. E. H.</td>
<td>1</td>
<td></td>
</tr>
<tr>
<td>Brookline Public Library</td>
<td>1</td>
<td></td>
</tr>
<tr>
<td>Brooklyn Library</td>
<td>1</td>
<td></td>
</tr>
<tr>
<td>Brooklyn Reform Club</td>
<td>1</td>
<td></td>
</tr>
<tr>
<td>Burt, H. M. and F. H., &quot;Newton Graphic&quot;</td>
<td>52</td>
<td></td>
</tr>
<tr>
<td>Cannon, H. W.</td>
<td>1</td>
<td></td>
</tr>
<tr>
<td>Capen, Rev. E. A.</td>
<td>1</td>
<td></td>
</tr>
<tr>
<td>Chicago Public Library</td>
<td>1</td>
<td></td>
</tr>
<tr>
<td>Cincinnati Public Library</td>
<td>1</td>
<td></td>
</tr>
<tr>
<td>Cleveland, O., Public Library</td>
<td>1</td>
<td></td>
</tr>
<tr>
<td>Concord Free Public Library</td>
<td>1</td>
<td></td>
</tr>
<tr>
<td>Copeland, Wm. A. Esq</td>
<td>1</td>
<td></td>
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<tr>
<td>Cushing, Wm.</td>
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<tr>
<td>Dawes, Hon. H. L., &quot;Official Gazette&quot;</td>
<td>57</td>
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<tr>
<td>Dedham Free Public Library</td>
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<tr>
<td>Ditson, Oliver &amp; Co., &quot;Musical Record&quot;</td>
<td>12</td>
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<tr>
<td>Fay, Prof. Charles E.</td>
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<tr>
<td>Fewkes, Dr. J. Walter</td>
<td>15</td>
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<tr>
<td>Gleason, Samuel S., &quot;Watertown Enterprise,&quot; etc.</td>
<td>135</td>
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<tr>
<td>Harvard University Library</td>
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<tr>
<td>Hosmer, Alfred, M. D.</td>
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<tr>
<td>Lancaster Public Library</td>
<td>1</td>
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<tr>
<td>Lawrence Free Public Library</td>
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<td></td>
</tr>
<tr>
<td>Lowell, John W. Company</td>
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</tbody>
</table>

26 LIBRARIAN'S REPORT.
<table>
<thead>
<tr>
<th>Institution</th>
<th>Pages</th>
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</thead>
<tbody>
<tr>
<td>Massachusetts, Commonwealth of</td>
<td>4</td>
</tr>
<tr>
<td>Mass. Society for prevention of cruelty to animals</td>
<td>12</td>
</tr>
<tr>
<td>Massachusetts State Library</td>
<td>1</td>
</tr>
<tr>
<td>Melrose Public Library</td>
<td>1</td>
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<tr>
<td>Morse, Hon. Leopold</td>
<td>22</td>
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<tr>
<td>Newburyport Public Library</td>
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<tr>
<td>Patten, William</td>
<td>1</td>
</tr>
<tr>
<td>Peabody Institute, Danvers, Mass.</td>
<td>1</td>
</tr>
<tr>
<td>Peabody Institute, Peabody, Mass.</td>
<td>1</td>
</tr>
<tr>
<td>Providence Public Library</td>
<td>1</td>
</tr>
<tr>
<td>Putnam, Mrs. W. P.</td>
<td>1</td>
</tr>
<tr>
<td>San Francisco Mercantile Library Association</td>
<td>1</td>
</tr>
<tr>
<td>Sawyer Free Library, Gloucester, Mass.</td>
<td>1</td>
</tr>
<tr>
<td>Secretary of the Interior</td>
<td>4</td>
</tr>
<tr>
<td>Shipp, George S., &quot;Watertown Standard&quot;</td>
<td>52</td>
</tr>
<tr>
<td>Silsbee, Mrs. A. M.</td>
<td>11</td>
</tr>
<tr>
<td>Smithsonian Institute</td>
<td>1</td>
</tr>
<tr>
<td>South Abington Public Library</td>
<td>1</td>
</tr>
<tr>
<td>Swansea, England, Public Library</td>
<td>1</td>
</tr>
<tr>
<td>Taunton Public Library</td>
<td>1</td>
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<tr>
<td>Titcomb, Mrs. Lucy W. T.</td>
<td>17</td>
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<tr>
<td>Tufts's College, &quot;Tuftonian&quot;</td>
<td>7</td>
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<tr>
<td>Tufts Library Weymouth</td>
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<tr>
<td>United States Bureau of Education</td>
<td>14</td>
</tr>
<tr>
<td>United States Department of State</td>
<td>1</td>
</tr>
<tr>
<td>United States Department of War</td>
<td>1</td>
</tr>
<tr>
<td>Warren, William F., Pres. of Boston University</td>
<td>1</td>
</tr>
<tr>
<td>Wheeler, H. Leslie</td>
<td>1</td>
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<tr>
<td>Wheeler, Jesse F.</td>
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<td>White, Smith &amp; Co., &quot;Folio&quot;</td>
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<td>Whitcombe, F. E.</td>
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<td>Whitney, Edward</td>
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<td>Whitney, Solon F.</td>
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<td>Woburn Public Library</td>
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<td>Worcester Free Public Library</td>
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APPENDIX III.

LIST OF PERIODICALS REGULARLY RECEIVED AT THE LIBRARY.

Most of these will be found on the tables of the Reading Room.

Agriculturist, The
American Journal of Science.
American Library Journal.
American Naturalist.
Appalachia.
Art Amateur.
Atlantic Monthly.
Auk, The; a quarterly journal of ornithology.
Boston Public Library Bulletin.
Century Magazine.
Christian Register.
Contemporary Review.
Dublin Review.
Eclectic Magazine.
Edinburgh Review.
Education.
Electrician.
English Illustrated Magazine,
Folio, The
Good Words.
Harper's Magazine.
Harvard University Library Bulletin
Journal of Chemistry and Science News.
Literary World.
Littell's Living Age.
London Weekly Times.
Magazine of American History.
Manufacturer and Builder.
Musical Record.
Nation, The
Nature.
N. E. Historical Register.
N. E. Journal of Education.
Newton Graphic.
Newton Journal.
Nineteenth Century.
North American Review.
Official Gazette of the U. S. Patent Office.
Our Dumb Animals.
Popular Science Monthly.
Publishers' Weekly.
Punch.
Quarterly Review.
Sanitarian, The
Science.
Specifications and drawings of patents from the U. S. Patent Office.
St. Nicholas.
Scientific American.
Scientific American Supplement.
Unitarian Review and Religious Magazine.
Watertown Enterprise.
Wide Awake.
Woman's Journal.
Youth's Companion.
WATERTOWN FREE PUBLIC LIBRARY.

THE FOURTH SUPPLEMENT TO SECOND CATALOGUE.

1885.
List of books added between February 1st, 1884 and February 1st, 1885.

Books with no location number must be called for by title. Abbreviations used are the same as in the Catalogue. Bound sets of nearly all the periodicals named in Appendix III, can be had for them by title and volume.

Abbott, B: V. The travelling law school and famous trials. (Business boy's library.) .................................................. 1051.25
Abbott, C: C. A naturalist's rambles about home. N. Y., 1884. 12° ... 933.45
Abbott, Edwin A. How to tell the parts of speech. B., 1881. 12° ... 591.49
Acadia. Over the border. Acadia, the home of Evangeline ................ 374.22
Acton, Mass. See Shattuck, L. History of Concord, etc. ............ 878.15
Adams, C: F., Jr. Address at dedication of Crane memorial hall, Quincy, Mass., May 30, 1882 ........................................... —
Addis, W: E., and Arnold, T: A Catholic dictionary. N. Y., 1884. 8° —
Æschylus. Copleston, R. S. (Ancient classics for English readers.) ... 470.18
Africa. Baker, Sir S: W. In the heart of Africa ...................... 372.36
Johnston H. H. The river Congo .................................... 375.22
Agnolo d', Andrea, called Andrea del Sarto. Scott, L. With Fra Bartol- lommeo. (Illustrated biographies of great artists.) ................. 772.53
Alaska. A trip to. Wardman, George ................................ 352.27
Alden, I. M. (Pansy.) An endless chain. B., [1881.] 12° ... 214.42
New Year's tangles, and other stories. B., [1881.] 16° ........ 206.89
Allen, Mary E. See Safford, M. J., and Allen, M. E.
Almanacs. Arlington directory with almanac, 1880. Parker, C. S. ... 1040.—
Ayer, J. C. Almanac for 1881: in English, German, Dutch, etc .... 1040.—
Baltimore sun almanac, 1881, 1883 .................................. 1040.—
Family health almanac, 1876 ...................................... 1040.—
Financial reform almanac, 1882 .................................. 1040.—
House of the angel guardian almanac ................................ 1040.—
Old Farmers' almanac, 1801—1812, 1854, 1860—1866, '68, '69, '72, '73, '82.1040.—
Southern almanac, 1869 ............................................. 1040.—
Alwyn's first wife. Craik, Mrs. D. M. In Nothing new ............ 272.43
American commonwealths. Scudder, H. E., ed
Virginia. Cooke, J. E. ............................................. 881.5
Maryland. Browne, Wm.H. .................................... 881.7
Oregon. Barrows, Wm. .......................................... 881.6
Kentucky. Shaler, N. S. ........................................... 881.8

Washington Irving. Warner, C: D...730.35 | Margaret Fuller Osoli. Higginson, T; W...730.38
H. D. Thoreau. Sanborn, F. B...730.50 | Noah Webster. Seudder, H. E...730.39

An appeal to Cæsar. Tourgée, A. W...563.37


Eschylus. Copleston, R. S...470.18 | The Greek anthology. Neaves, Lord...470.31
Xenophon. Grant, Sir A...470.19 | Demosthenes. Brodribb, W. J...470.35

Ancient empires of the East. Sayce, A. H...860.25

Ancient history. Ranke, F. L. von. Universal history. The oldest group of nations and the Greeks...833.24

Angelico da Fiesole, Fra Giovanni. Phillimore, Catherine M. Fra Angelico [and his successors]. (Illus. biography of the great artists.)...772.55

Anstey, F. See Guthrie, F. Anstey

Anthropology. Smithsonian Institute. Annual report, 1882...

Antoninus, Marcus Aurelius. Watson, Paul Barron...774.43

Architecture. Coöperative building plan association. How to build, furnish, decorate...*138.29

See also Luebke, W.; and Caspar, J. Monuments of art...

Arctic regions. Nourse, J. E. American explorations in the ice zones...346.4

Art foliage. Colling, J. K...438.4

Artists, Illustrated biographies of the great

Franz Hals. Head, P. R...772.42 | Delaroche and Vernet. Rees, J. R...772.46
Leonardo. Richter, J. P...772.53 | Landseer. Stephens, F. G...772.47
Little masters. Scott, W. B...772.56 | Giotto. Quilter, H...772.48
Raphael. D’Anvers, N...772.41 | Reynolds. Pulling, F. S...772.49
Rubens. Kett, C. W...772.39 | Velasquez. Stowe, Edwin...772.52
Tintoretto. Osler, W. R...772.40 | Fra Bartolommeo and Andrea del
Titian. Heath, R. F...772.43 | Sarto. Scott, L...772.53
Turner. Monkhouse, W. C...772.57 | Sir David Wilkie. Mollett, J. W...772.54
Van Dyck. Head, P. R...772.42 | Fra Angelico. Phillimore, C. M...772.55
Figure painters of Holland. Gower. Lord...772.59 | Albrecht Dürer. Heath, R. F...772.56
Hogarth. Dobson, A...772.35 | Overbeck. Atkinson, J. B...772.58
Holbein. Candall, J...772.38 | Mantegna and Francia. Cartwright, J...772.59
Michelangelo. Clement, C...772.45 | Ghiberti and Donatello. Scott, L...772.57

Arts, Fine. Colling, J. K. Art foliage...438.4

Luebke, W.; and Caspar, J. Monuments of art, showing its development and progress. Two volumes of plates and one of text...137.17

Mitchell, Lucy M. History of ancient sculpture...447.16, 17

Winckelmann, John. History of ancient art...137.17

Asia. Vambery, Arminius: his life and adventures; written by himself. 352.26

Atheneum, The; or spirit of the English magazines. B., 1824–32. 17 v...

Atkinson, J. B. Overbeck. N. Y., 1882. (Illus. biog. of great artists.) 772.58

Atkinson, W. P. On history and the study of history. B., 1884. 16°...880.8

Ayer, J. C. Almanac, 1878; 1881, in English, German, Dutch, etc...1040.—

Ayres, Alfred, pseud. See Osmun, Thomas E
Bacon, Church, R. W. (English men of letters). ............................. 734.35
Bainbridge, Lucy S. Round the world letters. B., 1882. 12°. 374.21
Baker, Sir Samuel W. In the heart of Africa. N. Y., 1884. 12°. 372.26
Baltimore sun almanac, 1881, 1883 ........................................... 1040—
Banned and blessed. Buerstenbinder, E. (E. Werner.) Tr. by Mrs. Wister. 215.37
Barbauld, A. L. Tales, poems, essays, with biog. sketch by G. A. Oliver. 742.48
Barrington's fate. (No name series.) ........................................... 281.67
Barrows, Wm. Oregon: the struggle for possession. (American commonwealths.) 881.6
Bartolommeo, Fra, di San Marco. Scott, Leader. (Illus. biog. great artists.) ........................................................... 772.53
Beale, S. Profitable poultry keeping. Ed. by M. C. Weld. N. Y., [1884.] 914.29
Beatrix Randolph. Hawthorne, Julian ....................................... 215.36
Becket. Tennyson, Alfred. [Drama.] ........................................... 753.40
Bedford, Mass. See Shattuck, L. History of Concord, etc. ................. 875.15
Bees. Langstroth, L. L. Treatise on the hive and honey-bee. ............... 932.38
Belgium. See Netherlands.
Bellamy, E: Miss Ludington's sister. B., 1884. 16°. 297.31
Six to one; a Nantucket idyl. N. Y., 1878. 16°. 296.7
Bermuda: an idyl of the summer islands. Dorr, Julia C. R. .................. 321.4
Beyond the gates. Phelps, Elizabeth Stuart ................................ 223.32
Bianciardi, Mrs. E. D. R. At home in Italy. B., 1884. 12°. 471.48
Bible. Schaff, Philip. A companion to the Greek testament and the English version ......................................................... 512.30
Biography. Jerrold, B. Days with great authors: Dickens, Scott, and others ................................................................. 776.32
Mueller, F. Max. Biographical essays ......................................... 773.65
Bishop, Mrs. Isabella L. [Bird.] The Hawaiian archipelago. L., 1890. 373.29
Bismarck-Schoenhausen, C. E. L. O., Fürst von. Busch, M. Our chancellor .... 842.26
Blaine, J. G. Twenty years of congress: from Lincoln to Garfield. Norwich, 1884 ................................................................. 837.20
Boston. City council. Memorial of Wendell Phillips. B., 1884. 8°. 737.33
Proceedings and debates in Boston, June 14—16, 1890. B., 1890. 8°—
Public Library. Reports, 1—32. (except 7, 11, 23.) ........................................
Boston General Theological Library. 16th annual report; constitution and by-laws ..............................................................
Bound in honor. Trowbridge, J. T .............................................. 294.73
Boyden, Anna L. Echoes from hospital and White house: a record of Mrs. Rebecca R. Pomroy's experience in war times. B. [1884.] 523.30
Boyesen, H. H. Idyls of Norway. N. Y., 1862. 16°. 742.47
Queen Titania. N. Y., 1881. 12°. 297.29
Boy's workshop, with plans for indoor and outdoor work. Introd. by H. R. Waite. B., [1884.] 12°. 942.26
Boys. Clark, Rev. F. E. Our business boys ................................ 510.30
Symington, A. J. Hints to our boys ........................................... 510.28
Bradbury, E: All about Derbyshire. L., 1884. 16°. Illus. 371.30
Brain exhaustion. Corning, J. Leonard ...................................... 1054.26
Fourth Supplement—1885—of

Brassey, Lady Annie. In the trades, the tropics, and the roaring forties. 375.25
Bread-winners, The. N. Y., 1884. 16° .......................... 211.33
Braddock, W. J. Political eloquence in Greece. Demosthenes. Chic., 1881. 8°. 475.18
Brewer, E. C. Dictionary of miracles, imitative, realistic, and dogmatic. 1032.33
British thought and thinkers. Morris, George S. .......................... 1032.1
Brock-Arnold, G. M. Gainsborough. (Illus. biog. great artists.) .......................... 772.50
Brodribb, W. J. Demosthenes. (Ancient classics for English readers.) 470.35
Brooklyn, (N. Y.) Library. Annual reports, 1884. ........................................... —
BULLETIN OF NEW BOOKS, NO. 17. SEPT., 1882, TO MARCH 1883. —
Brown, E. E. Life of Oliver Wendell Holmes. B., [1884.] 12° .......................... 772.62
Brown, W. H. Maryland: the history of a patalinate. (Amer. commonwealths.) 881.7
Bryan, Wm. Cullen. Poetical works. Vols. III, IV of Life and works. 475.21, 22
BROOKS, E. (E. WERNER.) Banned and blessed. Tr. Mrs. Wister 215.37
Buonarroti, Michaelangelo. Clement, C. (Illus. biog. of the great artists.) .......................... 772.45
Burnett, F. H. Through one administration. B., 1883. 12° .......................... 215.38
Burroughs, John. Fresh fields. B., 1885. 16° .......................... 471.49
Busch, M. Our chancellor; sketches for a historical picture. N. Y., 1884. 842.36
Butterworth, Hezekiah. The great composers. (Little biographies.) 731.47
Cable, G. W. The creoles of Louisiana. N. Y., 1884. 8° .......................... 376.5
Dr. Sevier. B., 1885. 12° .......................... 215.46
Called back. Fargus, F. J. (Hugh Conway.) .......................... 295.67
Mayor's address and the annual reports made to city council. 1883, '84, —
Campbell, H. Unto the third and fourth generation. N. Y., 1880. 16° .......................... 296.20
and others. A sylvan city, or, quaint corners in Philadelphia. 322.8
Campbell, J. G. E. H. D. S., marquis of Lorne. Canadian pictures. 337.21
Carlisle, Mass. See Shattuck, L. History of Concord, etc. 878.15
Carlyle, Thomas: history of his life in London. Froude, James A. 714.35
Carpentry. Every man his own mechanic: guide to constructive and decorative work. 935.31
Carnegie, Andrew. Round the world. N. Y., 1884. 8° .......................... 374.23
Cartwright, J. Mantegna and Francia. (Illustrated biog. of the great artists.) 772.50
Catacombs of Rome, and their testimony relative to primitive Christianity. Withrow, W. H. 530.18
Cates, W. L. R, joint author. See Woodward, B. B. and Cates, W. L. R.
Century magazine. 1881—1884 —
Chadwick, Henry. Sports and pastimes of American boys. N. Y., [1884.] 947.15
Character. Symington, A. J. Hints to our boys. 510.28
Charles XII. Times of. Topelius, Z. (Surgeon's stories.) 297.25
China. Colquhoun, A. R. Across Chrysalis: journey of exploration through
South China border lands from Canton to Mandelay. 375.23, 24
Wheeler, L. N. The foreigner in China. 1033.31
Watertown Public Library Catalogue.

Choate, Rufus, Memoirs of. Neilson, J. ........................................ 774.42
Chronology, Encyclopædia of. Woodward, B. B., and Cates, W. L. R. ....
Church, Alfred J. Stories of the old world. B., 1884. 12° .......................... 214.43
and Brodribb, W. J. Pliny’s letters. Phil., 1883. 16° ............................... 470.22
Church, R. W. Bacon. (English men of letters.) N. Y., 1884. 12° .................. 731.35
Cicero de senectute (on old age.) Tr. with notes by A. P. Peabody ......... 461.24
Cid, Rodrigo or Ruy Diaz de Bivar, called the. Markham, R., ed. Chroni-
cle of the Cid .......................................................................................... 845.2
Cincinnati, (Ohio) Public Library. Annual report for 1883, 1884 .......... ——
Clark, F. E. Our business boys. (Business boys' library.) B. [1884.] 510.30
Clark, James Freeman. Anti-slavery days. N. Y., 1884. 12° ...................... 831.35
Classics for children. Church, A. J. Stories of the old world ................. 214.43
Clement, C: Michelangelo. (Illus. biographies of the great artists.) .... 772.45
Cleveland, (Ohio) Public Library. 15th annual report, 1883 ................. ——
Colling, J. K. Art foliage. B., 1889. 4° ............................................... 438.4
Collins, W. L., ed. See Ancient classics for English readers
Colquhoun, A. R. Across Chryse: N. Y., 1883. 2v. 8° ............................. 375.23,24
Conchology, Structural and systematic: introd. to study of mollusca.
Tryon, G. W., jr. ......................................................................................
Concord, Mass. Shattuck, L. History of, to 1832; and of Bedford, Act-
ton, Lincoln, and Carlisle ........................................................................ 878.15
Walcott, C. H. Concord in the colonial period, 1635—1689 .................. 845.22
See also Thoreau, H. D. Summer ......................................................... 933.37
Congo, The river, from its mouth to Bóbó. Johnston, H. H. ................ 375.22
Corkling, Alfred R. Appleton’s guide to Mexico, including a chapter on
Guatemala, and an English-Mexican vocabulary. N. Y., 1884. 12° .... 314.3
Conway, Hugh, pseud. See Fergus, F. J
Cookery for beginners. Terhune, Mrs. M. V. (Marion Hartland.) ...... 910.39
Coöperative building plan assoc. How to build, furnish and decorate..*135.29
Copleston, R. S. Æschylus. (Ancient classics for English readers.) .. 470.18
Corning, J. L. Brain exhaustion, with preliminary considerations on
cerebral dynamics ................................................................................. 1054.26
Countess of Albany, (Louise of Stolberg.) Paget, Violet. (Famous
women.) .............................................................................................. 770.57
Country doctor, A. Jewett, Sarah O ..................................................... 207.18
Craddock, C: E. In the Tennessee mountains. B., 1884. 16° .............. 214.41——
Where the battle was fought. B., 1885. 12° ........................................ 215.43
Craigin, L. T. (Ellis Gray.) Sunshine: Hanway and home. 12° .......... 214.38
Craik, Mrs. D. M. [M.] Nothing new. L. [187?] 12° ........................... 272.43

Contents.—The lord Erilstoun.—Alwyn’s first wife.—M. Anastasius.—The water
cure.—The last house in C. street.—A family in love.—A low marriage.—The
double house.
Crawford, F. M. A Roman singer. B., 1884. 12° .................................. 215.39
To leeward. B., 1884. 16° ........................................................................ 215.33
Creation; or, the Biblical cosmogony in light of modern science. Guyot, A. 554.44
Creators of the age of steel. Jeans, W. T. ............................................ 773.58
Creoles of Louisiana. Cable, G. M. ....................................................... 378.5
Croffut, W: A. A midsummer lark. (Leisure hour series.) ................. 295.05
Cross, Mary Ann (George Eliot.) Essays and leaves from a note book .. 472.44
Cummings, W. H. Purell. (The great musicians.) N. Y., 1881. 12° 712.94
Cupid, M. D. Swift, Augustus M.,213.33

Danvers. Peabody Inst. 17th annual report, for year ending Mech. 31, '84 —
Darwinism, stated by Darwin himself. 933.42
Davis, W. M. Whirlwinds, cyclones, and tornadoes. B., 1884. 16° 914.34
information, 1885. No. 5. —
Dedham (Mass.) Public Library. Report of trustees, 1884 —
Delarocb, Paul. Rees, J. Ruutz. (Illus. biog. great artists.) 772.46
Demosthenes. Breél, L. Political eloquence in Greece. Demosthenes. 475.18
Brodribb, W. J. Demosthenes. (Ancient classics for Eng. readers.) 470.35
Derbyshire, All about. Bradbury, Edward. —
Diamonds and precious stones. Dieulafait, L. —
Dickens, Charles. Letters. Ed. by his sister in law and his eldest
daughter. 734.25, 26
Jerroll, B. In Days with great authors. —
Dictionary of miracles. Brewer, E. E. —
Dieulafait, L. Diamonds and precious stones. N. Y., 1874. 12° 932.39
Dinks, pseud. The sportsman’s vade mecum. See Herbert, H: W: The
dog. —
Directories. Arlington (Mass.) directory with almanac, 1880 —
Boston directory, embracing the city record, and business directory,
1867, ’71, 74. —
Middlesex county directory, 1875, ’79—’80, ’82—’83. —
Newton directory, 1868, 1875, 1881 —
Waltham and Watertown directory, 1882. —
Dissolving views. Lang. Mrs. Andrew. —
Dr. Sevier. Cable, George W. —
Dorr, Julia C. R. Bermuda: an idyl of the summer islands. N. Y., 1884. 321.4
Double house. Craik, Mrs. D. M. [M.] In Nothing new —
272.43
Drummond, H. Natural law in the spiritual world. N. Y., 1884. 12° 554.45
Dürer, Albrecht. Heath, R. F. (Illus. biog. great artists.) —
Dust: a novel. Hawthorne, Julian. —

Echoes from hospital and White house: Mrs. Pomroy’s experience. Boy-
den, A. L. —
Education. Landon, J. School management, including a general view
of the work of education, with some account of the intellectual faculties
TL92
Mullinger, J. B. See Schools of Charles the Great. —
TL83
Sully, James. Outlines of psychology, with ref. to theory of education. TL90
Thring, Edward. Theory and practice of teaching. —
TL91
Tougey, A. W. An appeal to Caesar —
563.37
See also United States. Bureau of education.

Egypt. Kenrick, John. Ancient Egypt under the Pharaohs —
831.36
Sayce, A. H. Ancient empires of the East. —
860.25

Elections, U. S. See Presidential elections.

Ellis Gray, pseud. See Craigin, Mrs. L. T.
Emerson, Ralph Waldo. Holmes, O. W. (Amer. men of letters.)........ 770.40
Thayer, J. B. A western journey with Mr. Emerson [in 1871.]......... 741.42
Endless chain, An. Alden, Mrs. I. M. (Pansy.).......................... 214.42
Engel, Carl. Musical instruments. (So. Kensington museum Art handbooks.).......................... 924.10
O'Rell, Max, pseud. John Bull and his island............................ 842.25
English language. Abbott, E. A. How to tell the parts of speech....... 561.49
Entomology. U. S. Dept of agric. Third report of U. S. Entomological commission. rel. to the Rocky Mt. locust, western cricket, army worm, canker worm, etc. —
Essays. Cross, Mary Ann (George Eliot.) Essays and leaves from notebook.......................... 472.44
Macdonald, G. The imagination, etc. ................................... 472.45
Every man his own mechanic: guide to constructive and decorative work. 935.31
Executor, The. Hector, Annie F. (Mrs. Alexander.)..................... 295.64
Family fortunes. Mayo, I. F. (Edward Garrett.)......................... 285.32
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Family in love. Craik, Mrs. D. M. [M.] In Nothing new................. 272.43
Fargus, F. J. (Hugh Conway.) Called back. N. Y., 1884. 16° ........ 295.67
Farmer's almanac, 1804—1812. Thomas, Robert B........................ 1040.—
Fate of Mansfield Humphreys. White, Richard Grant .................... 212.34
Fertilisation of flowers. Mueller, Hermann .............................. 935.29
Financial reform assoc. Financial reform almanack, 1878, '82—'84....... 1040.—
Fine arts. See Arts. Fine; Sculpture.
Fishing. Roosevelt, R. B. Superior fishing; or the striped bass, trout, black bass, and blue fish of the northern states ....................... 943.27
Florence. Hare, Augustus J. C........................................... 321.5
Flower painting in water colors. Hulme, F. Edward...................... 438.3
Forester, Frank, pseud. See Herbert, H. W. ............................
Forss clavigera: letters to the workmen of Great Britain. Ruskin, J. :...... 444.26-28
Fortunes of Rachel. Hale, Edward Everett................................ 215.42
Fra Bartolommeo. See Bartolommeo.
France. Martin, H. History of, from the first revolution, 1789—1881. —
Maupas, Charlemagne E. de. Story of the Coup d’etat .................... 885.20
Francia. Cartwright, Julia. (Illus. biog. of the great artists.)........... 772.59
Fresh fields. Burroughs, John ............................................. 471.49
Froude, James A. Thomas Carlyle: his life in London, 1834—1881 .... 714.35
Fry, Elizabeth. Pitman, Mrs. E. R. (Famous women.).................... 770.56
Furniture. Cooperative building plan association. How to build, furnish, and decorate.................. 4138.29
Spofford, H. P. Art decoration applied to furniture ....................... 446.18
Gainsborough. Brock-Arnold, G: M. (Illus. biog. great artists.)....... 772.50
Games. Chadwick, H. Sports and pastimes of American boys............. 947.15
Fourth Supplement—1885—of

Gardner, F. B. Everybody's paint book: lessons in painting, staining, etc. 332.40
Garfield, James A. Works. Ed. by B. A. Hinsdale. B., 1883. 2 v. 8°.776.28.29
Garrett, Edward, pseud. See Mayo, Isabella F.
Geography, physical, historical, political, descriptive. Johnston, K. 353.24
Geological excursions; or, rudiments of geology for young learners. Winchell, A. 333.39
Giant's robe, The. Guthrie, F. Anstey 297.23
Giotto. Quilter, Harry. (Illus. biog. of the great artists.) 772.48
Girls. See Health.
Godwin, Parke. Life and works of Wm. C. Bryant. N. Y., 1884. 6 v. 475.19-24
Gower, Lord Ronald. Figure painters of Holland. (Illus. biog. great artists.) 772.34
Grant, Alex. Xenophon. (Ancient classics for English readers.) 470.18
Greece. See Banke, L. von. Universal history 883.24
Greek anthology. Neaves, C., lord. (Ancient classics for Eng. readers.) 470.31
Green, S. G. Scottish pictures. L., [1883.] 8°. 357.20
Guthrie, F. Anstey. The giant's robe. N. Y., 1884. 16°. 297.23
Guenn : a wave on the Breton coast. Howard, Blanche W. 215.34
Guide to Mexico, Appleton's. Conkling, Alfred R. 343.4
Gurney, Eliza P., Memoir and correspondence of. Mott, R. F., ed. 524.25
Guyot, Arnold. Creation; or, the Biblical cosmogony in the light of modern science. N. Y., 1884. 12°. 554.44

Hake, A. E. The story of Chinese Gordon. N. Y., 1884. 12°. 710.17
Hale, Edward E. The fortunes of Rachel. N. Y., 1884. 12°. 215.42
Hall, S.; C. The baronial halls and picturesque edifices of England *
Hallowell, Anna D. James and Lucretia Mott : life and letters. 714.34
Hamerton, Philip Gilbert. Human intercourse. B., 1884. 16°. 443.23
Venice. L. & N. Y., [1884] 16°. 321.6
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