

ESTIMATES OF DEFICIENCIES.

L E T T E R

FROM

THE SECRETARY OF THE TREASURY,

TRANSMITTING

Estimates of appropriations required by the various departments to complete the service of the current and prior years.

JANUARY 20, 1879.—Referred to the Committee on Appropriations and ordered to be printed.

TREASURY DEPARTMENT,
OFFICE OF THE SECRETARY,
Washington, D. C., January 16, 1879.

SIR: I have the honor to transmit herewith the estimates of appropriations required by the various departments to complete the service of the fiscal year ending June 30, 1879, and prior years, amounting to \$1,776,552 44.

Very respectfully,

JOHN SHERMAN, *Secretary.*

Hon. SAMUEL J. RANDALL,
Speaker House of Representatives.

Estimates of appropriations required by the various departments to complete the service of the fiscal year ending June 30, 1879, and prior years.

General object. (Title of appropriation.)	Detailed objects of expenditure, and explanations.	Date of acts, resolutions, or treaties authorizing or providing for the expenditures.	References to Statutes at Large, or to Revised Statutes.			Estimated amount which will be required for each detailed object of expenditure.	Total amount to be appropriated under each head of appropriation.	Amount appropriated for the fiscal year for which the appropriation is required.
			Vol. or R. S.	Page.	Sec.			
LEGISLATIVE.								
SOUTHERN CLAIMS COMMISSION.								
Salaries of Southern Claims Commission.	Salaries of three commissioners from March 10, 1879, to June 30, 1879, end of fiscal year, at \$5,000 per annum each.	March 3, 1871	16	525	5	\$4,583 33	\$6,477 74	\$16,500 00
	Salaries of clerk and reporter from March 10, 1879, to June 30, 1879, end of fiscal year, at \$2,500 per annum each.do.....	16	525	5	1,527 75		
	Salary of messenger from March 10, 1879, to June 30, 1879, end of fiscal year, at \$1,200 per annum. Being deficiencies for the fiscal year 1879.	-----	-----	-----	-----	366 66		
<p>NOTE.—The appropriation for salaries during fiscal year ending June 30, 1879, is calculated in the appropriation act of June 19, 1878, chapter 329, only to March 10, 1879, that being the date upon which the commission was fixed by law to expire at the time the appropriation act was drafted, but as the term of the commission was extended to March 10, 1880, by section 4, act of June 15, 1878, chapter 243, it becomes necessary to provide for their salaries during that part of the fiscal year 1878-'79 not covered by the existing appropriation. No appropriation for this purpose will be required if Congress will authorize the transfer of a sufficient amount from the appropriation for contingent expenses to supply the deficiency in the appropriation for salaries. The appropriation for contingent expenses during present fiscal year, per above-cited act of June 19, 1878, is \$30,000, of which not more than \$10,000 will be required, probably.</p> <p style="text-align: center;">A. O. ALDIS, <i>President Board of Commissioners of Claims.</i></p> <p style="text-align: center;">UNDER THE COURT OF CLAIMS.</p>								
Payment of judgments ..	For the payment of judgments rendered by the Court of Claims of the United States due and unpaid January 8, 1879.	-----	R. S.	200	1089	} -----	84,786 92	767,990 74
		Dec. 15, 1877	20	7	1			
		June 14, 1878	20	116	1			
		June 20, 1878	20	234	1			

NOTE.—For a list of these judgments, see Appendix, marked A.

Total legislative						91,264 66	784,490 74
DEPARTMENT OF STATE.							
FOREIGN INTERCOURSE.							
Salaries of ministers.....	Salary of chargé d'affaires to Greece; being a deficiency for the fiscal year 1879.	{	Feb. 26, 1877	R. S. 19 233	1675 1	5,000 00	
Salaries, secretaries of legations.	Salaries of second secretaries of legation to Great Britain, France, and Germany, at \$2,000 each; being a deficiency for the fiscal year 1879.	{	Feb. 26, 1877	R. S. 19 233	1675 1	6,000 00	
Total State Department						11,000 00	
TREASURY DEPARTMENT.							
TERRITORIAL GOVERNMENTS.							
Legislative expenses, Territory of Dakota.	Balance due Sylvester & Folyer for fuel			R. S. 340	1939	13 50	
	Balance dne Dudley & Hawley for putting up stoves, for pipe, and hardware.			R. S. 340	1939	30 70	
	Amount due for rent of office and storerooms from January 1 to June 30, 1877.			R. S. 340	1939	250 00	
	Amount due for clerk-hire from January 1 to June 30, 1877, six months, at \$50 per month.			R. S. 340	1939	300 00	
	Amount due porter and messenger, and for care of public property, from March 1 to June 30, 1877, four months, at \$40 per month.			R. S. 340	1939	160 00	
	Balance due A. W. Howard, postmaster, for postage.....			R. S. 340	1939	46 70	
	Balance due H. S. Back, member of the legislative assembly, per diem and mileage.	{		R. S. 328	1853	197 00	
				R. S. 338	1922		
				R. S. 341	1942		
	Balance due J. Q. Burbank, member of the legislative assembly, per diem, under ruling of Comptroller of Treasury, thirty days, at \$6 per day.			R. S. 341	1942	180 00	
Balance due A. McHench, member of the legislative assembly, per diem, under ruling of Comptroller of Treasury, thirty-seven days, at \$6 per day.			R. S. 341	1942	222 00		
	Being deficiencies for the fiscal year 1877. (Act August 15, 1876, Stats. at L., vol. 19, p. 158, sec. 1.)					1,399 90	20,000 00
<p>NOTE.—The above reference to a ruling of the Comptroller of the Treasury is founded on a letter from that officer to the secretary of the Territory of February 14, 1877, in which authority was given for the payment to Mr. Kelleher, an unseated member, to the time he was ousted by vote of the house; and to Mr. Burbank, the contestant, for the whole session, and mileage also, if the appropriation was sufficient. This estimate is submitted without the recommendation of the First Comptroller. See letter of the secretary of the Territory,</p>							

Estimates of appropriations required by the various departments, &c.—Continued.

General object. (Title of appropriation.)	Detailed objects of expenditure, and explanations.	Date of acts, resolutions, or treaties authorizing or providing for the expenditures.	References to Statutes at Large, or to Revised Statutes.			Estimated amount which will be required for each detailed object of expenditure.	Total amount to be appropriated under each head of appropriation.	Amount appropriated for the fiscal year for which the appropriations are required.
			Vol. or R. S.	Page.	Sec.			
TERRITORIAL GOVERNMENTS—Continued.								
Legislative expenses, Territory of Dakota—Continued.	in Appendix marked B, and Ex. Doc. No. 45, House of Representatives, Forty-fifth Congress, second session, page 4, in which this estimate was formerly submitted.							
Legislative expenses, Territory of Idaho.	For rent of secretary's office and fire-proof warehouse for storage of government property.		R. S.	341	1940	\$900 00		
	For porter of secretary's office during the session of the legislative assembly, forty days, at \$3 per day.		R. S.	341	1940	120 00		
	For compensating F. J. Coffin & Co. for stoves, pipes, and fixtures, and for labor in fitting up halls for legislative assembly for 1876-'77.		R. S.	341	1940	195 14		
	For compensating B. M. Anderson for work and material furnished for fitting up legislative halls for 1876-'77.		R. S.	341	1940	312 00		
	For compensating A. G. Radway for clerical services in secretary's office during the session of the legislative assembly, forty days, at \$5 per day.		R. S.	329	1861	200 00		
	Being deficiencies for the fiscal year 1877. (Act August 15, 1876, Stat. at L., vol. 19, p. 159, sec. 1).						\$1,727 14	
	NOTE.—This estimate is approved by the First Comptroller.						\$20,000 00	
Legislative expenses, Territory of Idaho.	Pay of twenty-five members of house of representatives, at \$6 per day, for 40 days.		R. S.	328	1853	} 6,000 00		
	Pay of one speaker of house of representatives, at \$10 per day, for 40 days.		R. S.	328	1853		} 400 00	
	Mileage of twenty-six members of house of representatives, as allowed by law.		R. S.	338	1922	} 2,750 00		
	One chaplain for house of representatives, at \$1.50 per day.		R. S.	329	1861		} 60 00	
	Twelve members of council, at \$6 per day, 40 days.		R. S.	328	1853	} 2,880 00		
	One president of council, at \$10 per day, 40 days.		R. S.	338	1922		} 400 00	
	One chaplain of council, at \$1.50 per day, 40 days.		R. S.	329	1861	} 60 00		
	Mileage of members of council, as allowed by law.		R. S.	341	1943		} 1,688 00	
	Attaches of house of representatives, at \$5 and \$8 per day, 40 days.		R. S.	329	1861	} 1,720 00		
	Attaches of council, at \$5 and \$8 per day, 40 days.		R. S.	329	1861		} 1,720 00	

Fifteen cords of wood for legislative halls and committee-rooms, at \$8 per cord.....	R. S.	341	1940	120 00		
Sawing and splitting fifteen cords of wood, at \$1.50 per cord.....	R. S.	341	1940	22 50		
Four dozen arm-chairs, use of both houses of legislature.....	R. S.	341	1940	160 00		
Lights, oil, and candles, use of both houses of legislature.....	R. S.	341	1940	200 00		
Stationery for use of both houses and committee-rooms.....	R. S.	341	1940	600 00		
Extra clerk for secretary's office during session, at \$5 per day.....	R. S.	329	1861	200 00	}	
	R. S.	341	1940			
Hauling furniture and lumber to and from legislative halls.....	R. S.	341	1940	30 00		
Covering and varnishing twenty-five tables and fixing locks and drawers.....	R. S.	341	1940	100 00		
Fitting up, preparing legislative halls and committee-rooms.....	R. S.	341	1940	300 00		
For printing, during the session, of bills, resolutions, memorials.....	R. S.	332	1887	700 00		
For printing session laws.....	R. S.	332	1887	725 00		
For printing journals of council.....	R. S.	332	1887	700 00		
For printing journals of house of representatives.....	R. S.	332	1887	700 00		
For two large record-books.....	R. S.	341	1940	30 00		
For lamps, brooms, dusters, &c.....	R. S.	341	1940	60 00		
For twenty-five cords of wood for secretary's office, one year, at \$8.....	R. S.	341	1940	200 00		
For sawing and splitting twenty-five cords of wood, at \$1.50.....	R. S.	341	1940	37 50		
For rent of secretary's office, at \$75 per month, one year.....	R. S.	341	1940	900 00		
For rent of fire-proof warehouse for government property, one year.....	R. S.	341	1940	480 00		
For rent of legislative halls and committee-rooms, 50 days.....	R. S.	341	1940	400 00		
Being for the fiscal year 1879. (Act June 19, 1878, Stats. at L., vol. 20, p. 194, sec. 1.)				24,343 00		
Appropriated at last session of Congress for 1879.....				14,000 00		
Deficiency under the foregoing estimate.....				10,343 00		
Deficiency as recommended by the First Comptroller.....					4,858 00	14,000 00
NOTE.—For explanation of this estimate, see Appendix marked C.						
Contingent expenses, Territory of Idaho.	For contingent expenses of the Territory, to be expended by the gov- ernor, being a deficiency for the fiscal year 1878.	Mar.	3, 1877	19	309	1 250 00 500 00
NOTE.—For explanation of this estimate, see Appendix marked D.						
Legislative expenses, Territory of Montana.	Fitting up legislative halls and committee-rooms.....	R. S.	341	1940	200 00	
	Rent of legislative halls and committee-rooms.....	R. S.	341	1940	500 00	
	Fuel and lights.....	R. S.	341	1940	300 00	
	Stationery and furniture.....	R. S.	341	1940	600 00	
	Contesting members and mileage.....	R. S.	341	1940	300 00	}
	Incidental expenses.....	R. S.	341	1943		
		R. S.	341	1940	400 00	
	Deficit in pay of legislature.....	R. S.	328	1853	158 00	}
		R. S.	329	1861		
		R. S.	338	1922		
Being deficiencies for the fiscal year 1879. (Act June 19, 1878, Stats. at L., vol. 20, p. 194, sec. 1.)				2,458 00	14,000 00	
NOTE.—For explanation of this estimate, see Appendix marked E.						

Estimates of appropriations required by the various departments, &c.—Continued.

General object. (Title of appropriation.)	Detailed objects of expenditure, and explanations.	Date of acts, resolutions, or treaties authorizing or providing for the expenditures.	References to Statutes at Large, or to Revised Statutes.			Estimated amount which will be required for each detailed object of expenditure.	Total amount to be appropriated under each head of appropriation.	Amount appropriated for the fiscal year for which the appropriation is required.
			Vol. or R. S.	Page.	Sec.			
	TERRITORIAL GOVERNMENTS—Continued.							
Legislative expenses, Territory of New Mexico.	For the payment of the bill of Samuel Ellison, for translating the laws and journals of the twenty-third session of the legislative assembly of the Territory of New Mexico, and preparing copies thereof for printer, as recommended by the First Comptroller of the Treasury, being a deficiency for the fiscal year 1878.	Mar. 3, 1877	19	309	1	-----	\$800 00	\$20,000 00
Legislative expenses, Territory of Wyoming.	Amounts due for incidental expenses of secretary's office, as follows:							
	Draper & Hammond, for repairing stoves		R. S.	340	1939	\$6 70		
	Sloan & Co., for ice		R. S.	340	1939	15 00		
	H. T. French, for office-rent		R. S.	340	1939	200 00		
	Addoms & Glover, for oil, &c.		R. S.	340	1939	39 80		
	F. E. Warren, for furniture, repairing, and stationery		R. S.	340	1939	182 58		
	Frank Tibbetts, water		R. S.	340	1939	2 25		
	Being deficiencies for the fiscal year 1877. (Act August 15, 1876, Stats. at L., vol. 19, p. 159, sec. 1.)						446 33	1,000 00
	Amounts due for incidental expenses of secretary's office, as follows:							
	Hamma & Murphy, for coal		R. S.	340	1939	9 50		
	Frank Tibbetts, water		R. S.	340	1939	2 00		
	Smith Brothers, kindling-wood		R. S.	340	1939	4 25		
	R. S. French, porter and messenger		R. S.	340	1939	150 00		
	W. H. Lee, coal		R. S.	340	1939	8 50		
	H. T. French, office-rent		R. S.	340	1939	200 00		
	L. Hermann & Co., ribbons, &c.		R. S.	340	1939	90		
	Converse & Warren, furniture, &c.		R. S.	340	1939	104 80		
	Addoms & Glover, oil, &c.		R. S.	340	1939	22 60		
	L. Hermann & Co., ribbons		R. S.	340	1939	1 25		
	Sloan & Son, ice		R. S.	340	1939	15 00		
	Joslin & Park, repairing clock		R. S.	340	1939	1 50		
	H. Glafcke, treasurer, printing		R. S.	332	1887	98 00		
	J. P. Gannett, water		R. S.	340	1939	2 25		
	Sloan & Son, ice		R. S.	340	1939	15 00		
	H. Glafcke, postmaster, postage-stamps		R. S.	340	1939	26 40		
	J. J. Underwood, water		R. S.	340	1939	3 75		
	H. French, washing towels		R. S.	340	1939	24 50		

		R. S.	340	1939	2,669 34	3,359 54	20,000 00
	Due members and officers of the legislature of 1877..... Being deficiencies for the fiscal year 1878. (Act March 3, 1877, Stats. at L., vol. 19, p. 309, sec. 1.)						
	NOTE.—These estimates are approved by the First Comptroller. INDEPENDENT TREASURY.						
Salaries, office of assistant treasurer at New York.	For three additional clerks: two at the rate of \$1,500 per annum, and one at the rate of \$1,200 per annum, for the service of the unexpired portion of the current fiscal year.						
	NOTE.—Additional force is necessary in the office of the assistant treasurer at New York, in consequence of the increase in the business of the office, and it is recommended that the force estimated for be provided.						
Salaries, office of depository at Tucson.	For depository, in addition to his pay as postmaster, \$1,500, being a deficiency for the fiscal year 1879. For night-watchman from August 8 to October 7, 1878, inclusive, two months, at \$90 per month, being for the fiscal year 1879.	Submitted			1,500 00		
	NOTE.—No appropriation was made for this office for the fiscal year 1879, and it is presumed the item of salary for the depository was inadvertently omitted from the legislative act of June 19, 1878, as there appears to have been no legislation providing for the discontinuance of the office. In regard to the estimate for a night-watchman, the depository reports that since the commencement of the mining excitement in the southern portion of the Territory there has been a large influx of desperate characters, outlaws, and robbers, who are making Tucson their rendezvous; and he has been informed by a large number of citizens that an attempt would be made to rob the depository. That under these circumstances he hired a night-watchman for the safe protection of the public funds for two months, at \$90 per month.	do			180 00	1,680 00	
Contingent expenses, Independent Treasury.	For contingent expenses at the office of the depository at Tucson, during the first quarter of 1877, viz: Rent of office, \$90; seven cords of wood, at \$7, \$49; two cases coal-oil, at \$7.50, \$15; one bottle writing-fluid, \$2; one box candles, \$4; four lamp chimneys, \$2; one feather duster, \$5; total, \$167; being a deficiency for the fiscal year 1877.	Aug. 15, 1876	19	156	1	147 34	50,000 00
	NOTE.—A balance of \$19.66 of the appropriation for contingent expenses, 1877, still remains on the books of the department, and \$147.34, therefore, need only be appropriated for the existing deficiency.						
Checks and certificates of deposit, Independent Treasury.	For a new supply of checks to be used in the place of coin-checks now on hand and rendered useless under the operations of the redemption act; and for the increased number of checks now used in the redemption of United States bonds, and in the payment of interest under the different loans, being a deficiency for the fiscal year 1879.	June 19, 1878	20	190	1	2,000 00	8,000 00

Estimates of appropriations required by the various departments, &c.—Continued.

General object. (Title of appropriation.)	Detailed objects of expenditure, and explanations.	Date of acts, resolutions, or treaties authorizing or providing for the expenditures.	References to Statutes at Large, or to Revised Statutes.			Estimated amount which will be required for each detailed object of expenditure.	Total amount to be appropriated under each head of appropriation.	Amount appropriated for the fiscal year for which the appropriation is required.
			Vol. or R. S.	Page.	Sec.			
	INDEPENDENT TREASURY—Continued.							
Checks and certificates of deposit, Independent Treasury—Cont'd.	To adjust the settled account of the Bureau of Engraving and Printing, for engraving, printing, &c., disbursing officers' transfer and interest checks, involving no expenditure of money from the Treasury, being for the service of the fiscal year 1878, \$1,392.80.							
	INTERNAL REVENUE.							
Salaries and expenses of collectors of internal revenue.	For additional amount to pay salaries and expenses of collectors of internal revenue, to be used in suppressing illicit distilling, being a deficiency for the fiscal year 1879. NOTE.—This item was presented to Congress by letter of December 11, 1878.	June 19, 1878	20	187	1	\$75,000 00	\$1,800,000 00	
	LIFE-SAVING STATIONS.							
Life-saving service, contingent expenses.	For fuel for life-saving and life-boat stations and houses of refuge; repairs and outfits for the same; supplies and provisions for houses of refuge and for shipwrecked persons succored at stations; traveling expenses of officers under orders from the Treasury Department; and contingent expenses, including freight, storage, repairs to apparatus, medals, labor, stationery, advertising, and miscellaneous expenses that cannot be included under any other head of life-saving stations on the coasts of the United States, \$10,000; being a deficiency for the fiscal year 1879. NOTE.—The sum appropriated for the foregoing objects for the current fiscal year, though being the amount estimated for, is less than has been required annually for the two preceding years, and it was thought when the estimate was made that it would be sufficient. That estimate was made for such expenses for one hundred and fifty-five stations, contemplating an active season (the period during which stations are manned) of the length of that of the preceding year, an average of about four and four-fifths months on the seaboard, and five and two-thirds months on the lakes. Just before the close of the last	Appropriated.	20	212	1	10,000 00	38,000 00	

<p>session of Congress, however, viz, June 18, 1878, the establishment of thirty-seven additional stations was authorized, and the active season was extended to a period of eight months on the seaboard, and from the opening to the close of navigation on the lakes, involving usually about the same period (excepting such stations as the Secretary of the Treasury might deem it unnecessary to man for such length of time). Nineteen new stations have been erected, and the period of active service has been extended according to the terms of the law.</p> <p>Furthermore, the exceptional violence of the memorable hurricane of October 23 on the Atlantic coast, and of a later storm upon the lakes, has made necessary an extraordinary outlay of money for repairs to stations. In the first of these tempests, eight stations were seriously damaged, and, since, two others. Temporary repairs only have been possible, which in the spring must be made thorough, and will involve a considerable expenditure.</p>								
COAST AND GEODETIC SURVEY.								
Survey of the Atlantic and Gulf coasts.	For the continuation, during the present fiscal year, of the survey of the Atlantic and Gulf coasts of the United States, the triangulation toward the Western coast, and furnishing points for State surveys.	June 20, 1878	20	215	1	.....	65,000 00	300,000 00
Survey of the Western (Pacific) coasts.	For the continuation, during the present fiscal year, of the survey of the Pacific coasts of the United States, the triangulation toward the Eastern coast, and furnishing points for State surveys.	June 20, 1878	20	215	1	.....	45,000 00	180,000 00
<p>NOTE.—For the above estimates submitted by the superintendent of the Coast Survey, a sufficient amount to continue the work to the close of the current fiscal year is recommended by the Secretary of the Treasury.</p>								
MISCELLANEOUS.								
Contingent expenses, Treasury Department.	Binding, newspapers, &c.: For arranging and binding canceled marine papers, requisitions, and other important records; sealing ship's registers; for foreign postage, newspapers, books, hand-stamps, and repairs of the same; being a deficiency for the fiscal year 1879.	June 19, 1878	20	188	1	.....	2,000 00	10,000 00
	Binding, newspapers, &c.: To pay bills for advertising, as follows:							
	John H. Zittle, Weekly Register, Shepherdstown, W. Va., sale of "Byrnes Island."	March 3, 1877	19	303	1	28 00		
	Werner Kock, Washington Journal, Washington, D. C., sale of old material.	.....do	19	303	1	2 50		
	Daily Nation, Washington, D. C., sale of old material	.....do	19	303	1	2 80		
	Being deficiencies for the fiscal year 1878.						33 30	10,000 00
	Binding, newspapers, &c.: To pay bills for advertising, as follows:							
	National Republican, Washington, D. C., proposals for supplies	Aug. 15, 1876	19	153	1	10 50		
	Daily Critic, Washington, D. C., proposals for supplies and sale of waste paper.	.....do	19	153	1	8 33		
	Being deficiencies for the fiscal year 1877.						18 83	10,000 00

Estimates of appropriations required by the various departments, &c.—Continued.

General object. (Title of appropriation.)	Detailed objects of expenditure, and explanations.	Date of acts, resolutions, or treaties, authorizing or providing for the expenditures.	References to Statutes at Large, or to Revised Statutes.			Estimated amount which will be required for each detailed object of expenditure.	Total amount to be appropriated under each head of appropriation.	Amount appropriated for the fiscal year for which the appropriation is required.
			Vol. or R. S.	Page.	Sec.			
Contingent expenses, Treasury Department—Continued.	Gas, &c.: For gas, drop-lights, and tubing, gas-burners, brackets, and globes, candles, lanterns, and wicks, being a deficiency for the fiscal year 1879. Miscellaneous items: To adjust the settled account of the Bureau of Engraving and Printing, Treasury Department, for printing commissions of revenue-marine officers, &c., involving no expenditure of money from the Treasury, being for the service of the fiscal year 1877, \$63.80.	June 19, 1878	20	188	1	\$4,000 00	\$12,500 00	
• Salaries and traveling expenses of agents at seal fisheries in Alaska.	To allow salary to Charles Bryant, late special Treasury agent of the seal islands in Alaska, from May 15 to June 30, 1877, inclusive, at the rate of \$3,650 per annum, being a deficiency for the fiscal year 1877. NOTE.—This estimate is made to cover the time necessarily occupied by Mr. Bryant in traveling from Alaska to his home in Fairhaven, Mass., after being relieved from his duties as special agent. It has been heretofore submitted to Congress. (See Ex. Doc. No. 5, House of Representatives, 45th Congress, 1st session, page 26.)	July 31, 1876	19	118	1	471 29	9,465 00	
Standard weights and measures.	For the continuation of the construction and verification of standard weights and measures for the custom-houses of the United States and for the several States, and of metric standards for the same, being a deficiency for the fiscal year 1879. NOTE.—The Superintendent of the Coast Survey states that the amounts appropriated for this purpose for the past two years (\$4,700 and \$5,000, respectively), after the payment of rent and for the watchman, have permitted the employment of only one expert as director and one skilled mechanic, a force entirely unequal to the demands that are made upon this branch of the public service.	June 20, 1878	20	216	1	3,000 00	5,000 00	

Commissions to superintendents of lights.	To pay the sums due to collectors of customs for commissions, at 2½ per cent., on disbursements made by them in their capacity as superintendents of lights during the fiscal years 1875, 1876, 1877, and 1878.	Submitted	31,574 96	
	NOTE.—See letter of Commissioner of Customs, and detailed statement of amounts due, in Appendix marked F.			
Post-office and court-house, New York.	Alterations required to be made to remedy the defective ventilation of the basement and first story, including the mezzanine floor.	do	\$30,000 00	
	Extension of the mezzanine gallery	do	12,464 28	
	NOTE.—For explanation of these estimates, see Appendix marked G.		42,464 28	
Plans for public buildings.	Photographing, materials, and labor for duplicating plans for all public buildings under control of the Treasury Department.	June 20, 1878 20 217 1	1,500 00	1,000 00
Arms for Treasury Department.	For arms issued to the Treasury Department by the War Department in June and July, 1878, for the protection of the public property, \$7,952, which amount shall be refunded to the ordnance appropriations of the Army.	Submitted	7,952 00	
Claim of Dr. Mary E. Walker.	To pay Mary E. Walker in full of all claims for services as clerk in the Treasury Department \$900, in accordance with the opinion of the Solicitor of the Treasury and the recommendation of the Committee of Claims of the House of Representatives of the Forty-fifth Congress, second session.	do	900 00	
	NOTE.—For explanation of this estimate, see Report No. 896, Forty-fifth Congress, second session, House of Representatives.			
Payment to F. W. Viche.	For professional services rendered and expenses incurred by F. W. Viche, attorney at law, Vincennes, Ind., in the case of the United States <i>vs.</i> Hall-Neilson <i>et al.</i> , involving the title claimed by the United States to a valuable tract of land situated in the city of Vincennes, Ind., \$3,185.06.	do	3,185 06	
	NOTE.—For explanation of this estimate, see letter of the Solicitor of the Treasury in Appendix marked H.			
Refund to B. Maddocks.	To refund to B. Maddocks, owner of schooner Ocean King, of Gloucester, Mass., the sum of \$45, being a part of the penalty exacted under section 4325 Revised Statutes, in consequence of the failure to surrender the expired license of the vessel within the time required by law, and covered into the Treasury, but remitted by the Secretary of the Treasury, under authority of section 5293.	do	45 00	

Estimates of appropriations required by the various departments, &c.—Continued.

General object. (Title of appropriation.)	Detailed objects of expenditure and explanations.	Date of acts, resolutions, or treaties authorizing or providing for the expenditures.	References to Statutes at Large, or to Revised Statutes.			Estimated amount which will be required for each detailed object of expenditure.	Total amount to be appropriated under each head of appropriation.	Amount appropriated for the fiscal year for which the appropriation is required.
			Vol. or R. S.	Page.	Sec.			
	MISCELLANEOUS—Continued.							
	The unexpended balance of the appropriation of \$250,000, made by the act of June 14, 1878, for the repayment to importers the excess of deposits for unascertained duties, or duties or other moneys paid under protest, including interest and costs in judgment cases, is hereby continued and made available for the payment of all claims to which the appropriation is applicable, which are not payable from the permanent annual appropriation provided for in section 3689 of the Revised Statutes; provided, that the claims known as the "charges and commissions cases" shall not be paid without further legislation.							
	Total Treasury Department					\$311,270 97	\$2,543,465 00	
	WAR DEPARTMENT.							
Army transportation	Transportation of the Army, including baggage of the troops when moving either by land or water; of clothing, camp and garrison equipage, from the depots of Philadelphia and Jeffersonville to the several posts and Army depots, and from those depots to the troops in the field; of horse equipments and of subsistence stores from the places of purchase and from the places of delivery, under contract, to such places as the circumstances of the service may require them to be sent; of ordnance, ordnance stores, and small arms from the foundries and armories to the arsenals, fortifications, frontier posts, and Army depots; freights, wharfage, tolls, and ferrriages; the purchase and hire of horses, mules, oxen, and harness, and the purchase and repair of wagons, carts, and drays, and of ships and other sea-going vessels and boats required for the transportation of supplies and for garrison purposes; for drayage and cartage at the several posts; hire of teamsters; transportation of funds for the pay and other disbursing departments; the expense of sailing public transports on the various rivers, the Gulf of Mexico, and the Atlantic and Pacific; for procuring water at such posts as, from their situation, require it to be brought from a distance; and for		R. S.	35	220			
			R. S.	206	{1133} {1135}			
	Revised Army Registers, p. 159, par. 1064, and p. 163, p. 1096.					825,000 00	4,200,000 00	
	Appropriated.		20	1	1			

clearing roads, and for removing obstructions from roads, harbors, and rivers, to the extent which may be required for the actual operations of the troops in the field, being a deficiency for the fiscal year 1878.

Total War Department.....

825,000 00

4,200,000 00

NOTE.—This amount, \$825,000, under the appropriation "Transportation of the Army," for the fiscal year ending June 30, 1878, is necessary to settle outstanding accounts due the Pacific railroads. An appropriation to pay these accounts will not involve any actual expenditure of money from the Treasury. It will be by transfer on the books of the Treasury, placed to the credit of the railroads, on account of interest on bonds issued to them by the United States.

DEPARTMENT OF THE INTERIOR.

Salaries and expenses, office of Auditor of Railroad Accounts.

Items appropriated by act approved June 19, 1878 \$14,400
Amount appropriated by the act..... 12,000

Difference between items and sum appropriated
Salary of one messenger
Being for the fiscal year 1879.

June 19, 1878
Submitted

20 169 2

2,400 00
600 00

3,000 00

12,000 00

Stationery, Department of the Interior.

Stationery for the Department of the Interior and its several bureaus and offices, being a deficiency for the fiscal year 1879.

June 19, 1878

20 198 1

6,000 00

25,000 00

Printing and binding, Department of the Interior.

Printing and binding for the Department of the Interior and its bureaus and offices, being a deficiency for the fiscal year 1879.

June 20, 1878

20 207 1

65,000 00

151,000 00

Copies of drawings, office of Commissioner of Patents.

For photolithographing or otherwise reproducing copies of drawings destroyed or damaged by the fire of September 24, 1877, being a deficiency for the fiscal year 1879.

June 19, 1878

20 200 1

25,000 00

25,000 00

PUBLIC LANDS.

Surveying public lands in Arizona.

Balance due Solomon W. Foreman, deputy surveyor, under contract of August 1, 1871, being a deficiency for the fiscal year 1872.

March 3, 1871

16 502 1

75 11

20,000 00

Balance due Theodore F. White, deputy surveyor, under contract of May 13, 1873, being a deficiency for the fiscal year 1874.

March 3, 1873

17 516 1

45 94

20,000 00

Balance due Theodore F. White, deputy surveyor, under contract of September 23, 1874, being a deficiency for the fiscal year 1875.

June 23, 1874

18 212 1

81 84

20,000 00

Balances due Theodore F. White, deputy surveyor, as follows: Under contract of June 25, 1875, \$87.53, and under contract of December 6 1875, \$213.27, being deficiencies for the fiscal year 1876.

March 3, 1875

18 383 1

280 80

20,000 00

Estimates of appropriations required by the various departments, &c.—Continued.

General object. (Title of appropriation.)	Detailed objects of expenditure, and explanations.	Date of acts, resolutions, or treaties authorizing or providing for the expenditures.	References to Statutes at Large, or to Revised Statutes.			Estimated amount which will be required for each detailed object of expenditure.	Total amount to be appropriated under each head of appropriation.	Amount appropriated for the fiscal year for which the appropriation is required.
			Vol. or R. S.	Page.	Sec.			
PUBLIC LANDS—Continued.								
Surveying public lands in California.	Balance due Joseph J. Cloud, deputy surveyor, under contract of April 6, 1871, being a deficiency for the fiscal year 1871.	July 15, 1870	16	304	1	.....	\$9 39	\$50,000 00
	Balances due deputy surveyors, as follows:							
	J. R. Glover, under contract of September 16, 1875	March 3, 1875	18	383	1	\$388 21		
	F. T. Perris, under contract of January 31, 1876	do	18	383	1	268 66		
	John Gilchrist, under contract of January 21, 1876	do	18	383	1	535 94		
	John A. Benson, under contract of December 13, 1875	do	18	383	1	491 60		
	D. D. Brown, under contract of July 19, 1875	do	18	383	1	282 64		
	S. W. Brunt, under contract of June 10, 1875	do	18	383	1	2,205 11		
	William Minto, under contract of June 26, 1875	do	18	383	1	2,266 85		
	Being deficiencies for the fiscal year 1876.						6,439 01	70,000 00
Surveying public lands in Florida.	Balance due John A. Henderson, deputy surveyor, under contract of December 23, 1875, being a deficiency for the fiscal year 1876.	March 3, 1875	18	383	1	302 63		
	Balance due John P. Apthorpe, deputy surveyor, under contract of May 20, 1875, being a deficiency for the fiscal year 1876.	.....do	18	383	1	399 10		
Surveying public lands in Louisiana.	Balance due Pierre A. Thibodeaux, deputy surveyor, under contract of July 17, 1875, being a deficiency for the fiscal year 1876.	.....do	18	383	1	.....	701 73	10,000 00
							57 50	15,000 00
Surveying public lands in Oregon.	Balance due William E. Smith, deputy surveyor, under contract of May 4, 1871, being a deficiency for the fiscal year 1872.	March 3, 1871	16	502	1	.....	70 55	50,000 00
	Balance due S. Corwin and J. C. Handley, deputy surveyors, under contract of February 26, 1873, being a deficiency for the fiscal year 1873.	June 10, 1872	17	358	1	.....	263 52	70,000 00
	Balances due deputy surveyors, as follows:							
	Jasper W. Wilkins, under contract of June 21, 1873	March 3, 1873	17	516	1	65 86		
	Jasen Owen, under contract of July 1, 1873	do	17	516	1	55 83		
	John D. Crawford, under contract of July 9, 1873	do	17	516	1	181 54		
	William H. Byars, under contract of July 14, 1873	do	17	516	1	12 13		
	L. F. Bannin & N. O. Walden, under contract of July 15, 1873	do	17	516	1	80 11		
	Being deficiencies for the fiscal year 1874.						395 47	70,000 00
	Balance due J. H. Evans & J. G. Gray, deputy surveyors, under contract of July 6, 1874, being a deficiency for the fiscal year 1875.	June 23, 1874	18	213	1	.....	15 12	60,000 00

Estimates of appropriations required by the various departments, &c.—Continued.

General object. (Title of appropriation.)	Detailed objects of expenditure, and explanations.	Date of acts, resolutions, or treaties, authorizing or providing for the expenditures.	References to Statutes at Large, or to Revised Statutes.			Estimated amount which will be required for each detailed object of expenditure.	Total amount to be appropriated under each head of appropriation.	Amount appropriated for the fiscal year for which the appropriation is required.
			Vol. or R. S.	Page.	Sec.			
PUBLIC LANDS—Continued.								
Contingent expenses, office of surveyor-general of Idaho.	To pay L. F. Cartee, late surveyor-general of Idaho, for expenses incurred in investigating certain surveys under instructions from the General Land Office dated November 19, 1868, being a deficiency for the fiscal year 1871 and prior years. NOTE.—The sum of \$299.94 is submitted to refund the expenses incurred in investigating certain surveys in the field under instructions from the Commissioner of the General Land Office, dated November 19, 1868, the contingent fund of the surveyor-general's office not admitting, at the time, of liquidating the amount due him. This estimate was formerly submitted for appropriation, but not eventuating in any provision for the purpose, and the claim being a just one and of long standing, is herewith submitted again with recommendation that it receive favorable action.	July 15, 1870	16	293	1	\$299 94	\$2, 000	
Salaries, office of surveyor-general of Arizona.	To pay balance due John R. Farrell for services as chief clerk in the office of surveyor-general during the quarter ending June 30, 1878, being for the fiscal year 1878.	Mar. 3, 1877	19	315	1	478 17	3, 000 00	
Salaries, office of surveyor-general of California.	For salaries of clerks and draughtsmen, as follows: J. A. Robinson, chief clerk, for fourth quarter, \$625; J. H. Wildes, chief draughtsman, for fourth quarter, \$575; S. N. Bliven, accountant, for fourth quarter, \$500; R. C. Hopkins, keeper of archives, for fourth quarter, \$500; J. K. Carter, ranch clerk, for fourth quarter, \$450; D. F. O'Brien, clerk, for fourth quarter, \$69.23; Jennie B. Gagan, clerk, for fourth quarter, \$135.16; H. S. Smith, clerk, for third and fourth quarters, \$337.26; Mrs. F. J. Page, clerk, for third and fourth quarters, \$251.76; Sallie E. Hosmer, clerk, for third and fourth quarters, \$241.90; Ellis Edwards, mineral clerk, for fourth quarter, \$222.48; Theo. Reichert, mineral clerk, for fourth quarter, \$93.90; all being for the fiscal year 1878.	.....do	19	315	1	4, 006 69	10, 000 00
Contingent expenses, office of surveyor-general of Colorado.	For balance due Wells, Fargo & Co. for rent of premises occupied as office of surveyor-general during the quarter ending June 30, 1878.	.....do	19	349	1	42 71	1, 500 00

Contingent expenses, office of surveyor-general of California.	For balance due George Chambers for services as messenger, \$113.34; Dutton & Withington, stationery, \$29.45; J. L. Rice & Co., printing, \$18; Storm & Co., kindling wood, \$5; Frederick MacCrellich & Co., newspaper, \$4.50, and A. L. Bancroft & Co., stationery, \$308.75; during the quarter ending June 30, 1878.	do	19	349	1	479 04	3,000 00
	NOTE.—The foregoing deficiencies in salaries of clerks and contingent expenses of the several offices of surveyors-general were caused by inadequate appropriations being made by Congress, the estimates submitted by this office having been largely reduced.						
Contingent expenses, office of surveyor-general of Nevada.	For salary of messenger in surveyor-general's office from July 1, 1876, to June 30, 1877.	July 31, 1876	19	122	1	480 00	
	To amount due A. L. Bancroft & Co. for stationery, fiscal year 1877	do				68 75	
	NOTE.—The foregoing deficiency in the salary of messenger in the surveyor-general's office arises from the fact that the appropriation of \$1,500 for the fiscal year ending June 30, 1877, was insufficient to pay the salary of the messenger and defray the other incidental expenses of the office. The messenger was retained in the service by the surveyor-general during the period specified, and, being entitled to his pay for said services, the above estimate is submitted. The estimate of \$68.75 is for stationery purchased by the surveyor-general during the fiscal year ending June 30, 1877. The appropriation for that year having been exhausted, the amount is submitted for appropriation.						
	Total Interior Department					115,286 68	1,319,000 00
POST-OFFICE DEPARTMENT.							
Deficiency in postal revenues.	Balances accrued for transportation of the mails on railroads during the fiscal year ending June 30, 1878.	Mar. 3, 1877	19	385	2	228,896 80	2,930,725 00
	NOTE.—For details of this estimate see appendix marked I. There was appropriated by several acts of the last session of Congress for deficiencies in the postal revenues for the fiscal year 1878 the additional sum of \$1,792,000.						
Mail steamship service between San Francisco, Japan, and China.	Amount due the Pacific Mail Steamship Company for carrying the United States mails in the fiscal year 1877, as follows: For two round trips between San Francisco and Japan and China, the first trip commencing November 1, 1876, and ending January 20, 1877; the second trip commencing December 2, 1876, and ending February 10, 1877, under original contract dated October 16, 1866, and contract supplementary thereto. This service is authorized by act of Congress approved February 17, 1865, and amendatory act of February 18, 1867. See certificate of the Postmaster-General, dated December 16, 1878, in appendix marked J.	July 12, 1876	19	80	2	83,333 33	250,000 00
	Total Post-Office Department					312,230 13	3,180,725 00

Estimates of appropriations required by the various departments, &c.—Continued.

General object. (Title of appropriation.)	Detailed objects of expenditure, and explanations.	Date of acts, resolutions, or treaties authorizing or providing for the expenditures.	References to Statutes at Large, or to Revised Statutes.			Estimated amount which will be required for each detailed object of expenditure.	Total amount to be appropriated under each head of appropriation.	Amount appropriated for the fiscal year for which the appropriation is required.
			Vol. or page.	Page.	Sec.			
	DEPARTMENT OF JUSTICE.							
Expenses of United States courts.	For expenses of United States courts, as estimated by the First Comptroller of the Treasury, being a deficiency for the fiscal year 1878. NOTE.—For details of this estimate, see appendix marked K.	March 3, 1877	19	346	1		\$110,000 00	\$2,800,000 00
Claim of E. P. Brooks....	Claim of E. P. Brooks, late clerk of the United States courts at Pensacola, Fla., for services rendered, under the direction of the judge, in arranging and reducing to order the records of his office, &c. (as recommended by the Attorney-General in his last annual report to Congress). NOTE.—See Attorney-General's Report for 1877, page 19.	Submitted					500 00	
	Total Department of Justice.....						110,500 00	2,800,000 00
	RECAPITULATION.							
	Legislative						91,264 66	784,490 74
	State Department						11,000 00	
	Treasury Department						311,270 97	2,543,485 00
	War Department						825,000 00	4,200,000 00
	Interior Department						115,286 68	1,319,000 00
	Post-Office Department.....						312,230 13	3,189,725 00
	Department of Justice.....						110,500 00	2,800,000 00
	Grand total						1,776,552 44	14,836,680 74

APPENDIX.

APPENDIX A.

List of judgments rendered by the United States Court of Claims due and unpaid January 8, 1879. (See page 2.)

Date of judgment.	Name of claimant.	Amount of judgment.
March 4, 1878	Frank O. Kihlberg.....	\$608 99
March 11, 1878	Andrew C. Bradley, to use of A. R. Shepherd, to use of George Taylor et al., trustees.....	1,800 00
April 1, 1878	The International Steamship and Railway Supply Company.....	27,512 50
April 9, 1878	William C. Rawolle.....	197 76
April 9, 1878	Edward Hunter.....	73 04
April 9, 1878	F. H. E. Ebstein.....	150 00
April 9, 1878	George F. Foote.....	220 83
April 9, 1878	Frank K. Upham.....	88 58
April 9, 1878	Thomas T. Knox.....	208 33
April 9, 1878	William V. Richards.....	323 03
April 9, 1878	James Miller.....	145 00
April 9, 1878	Francis Moore.....	140 27
April 9, 1878	Richard I. Eskridge.....	147 77
April 11, 1878	George Searing.....	4,632 34
April 11, 1878	George W. Griffin, surviving partner of the firm of Griffin & Porch.....	2,679 12
April 11, 1878	David R. Godwin, dative tutor of the minor children of Henry S. Hall, deceased.....	1,591 62
April 11, 1878	James W. Goslee.....	208 86
April 15, 1878	Adolphus Erdman.....	246 00
April 15, 1878	William Crosby.....	401 78
April 25, 1878	E. M. Peterson, administrator of Samuel Ruth, deceased.....	1,477 21
April 25, 1878	James F. Buckner.....	177 76
May 27, 1878	Adolph and Samuel Woolner, copartners under the name of A. and S. Woolner.....	801 00
June 3, 1878	Kyran A. Murphy.....	282 68
June 3, 1878	Joseph S. Emery.....	40,554 95
June 10, 1878	John C. Grund & Company.....	47 50
	Total.....	84,786 92

APPENDIX B.

Relating to the estimate for legislative expenses, Territory of Dakota. (See page 3.)

TERRITORY OF DAKOTA, SECRETARY'S OFFICE,
Yankton, September 15, 1878.

SIR: * * * I also transmit herewith estimate for an appropriation to cover deficiency in this office for the year ending June 30, 1877.

This estimate has been submitted before. It differs from previous estimates, however, for the following reasons:

1st. Because Congress at its late session appropriated the sum of \$1,176.25 for printing, included in previous estimate; and, 2d, when I first made my estimate for this deficiency the fiscal year had not closed, and I estimated not only for what was actually due, but for what I thought would be due June 30, 1877. The amount required was less than the estimate.

The present estimate is correct, and embraces what is actually due the different persons for articles furnished and labor done. The articles and labor were necessarily required, the amounts are honestly due, and these persons look to me to see that the sums are paid. These debts were honestly, legitimately, and necessarily contracted, and I cannot see how Congress can honorably refuse to provide for them.

So far as the amounts due the members of the legislature are concerned, I need only say that the government agreed to pay them a certain per diem and mileage, and it has only partially complied with its agreement. I have been much worried over these deficiencies, and am very anxious to see the persons to whom these amounts are due get their money. If there is any doubt as to the justness of these claims, I will procure the affidavit of each person as to the amount due and forward it.

I respectfully request that you will recommend to Congress an appropriation sufficient to pay these claims.

Very respectfully,

GEO. H. HAND,
Secretary of Dakota Territory.

Hon. JOHN SHERMAN,
Secretary of the Treasury.

APPENDIX C.

Explanation of the estimate for legislative expenses, Territory of Idaho.
(See page 5.)

OFFICE OF SECRETARY OF IDAHO TERRITORY,
Boise City, Idaho, September 18, 1878.

SIR: I have the honor to transmit herewith a full account of the estimates of the expenses required for the legislative assembly and for the secretary's office in Idaho Territory for the fiscal year ending June 30, 1879, and the deficiency accruing for said year.

Upon examination, it will be found that the whole expense of the legislative assembly and the office of secretary for said year ending June 30, 1879 (at a much lower estimate than that sent in by my predecessor in office) is the sum of \$24,343, while the whole amount appropriated (see act approved June 19, 1878) to cover and pay said expenditures is only the sum of \$14,000, leaving a deficit of the sum of \$10,343. It will also be seen by reference to the estimates that the expenses of the legislative assembly will be in all \$20,510.50, and it will also be seen that the bare per diem (as allowed by law) of the members and attachés of both houses will amount to the sum of \$17,678, while the appropriation to meet the whole expense of the meeting of the assembly and the expenses of the office of secretary for the present fiscal year is but \$14,000; hence will appear the urgent necessity for an appropriation at the earliest possible period by Congress to relieve the deficiency.

After a careful examination of that portion of the act of June 19, 1878, under the head of "Government in Territories," I am convinced that it in no way affects the next session of the legislatures in the several Territories, and that the number of members, the per diem, and the expenses will be the same as before, and that the changes specified in the

act will only apply to and affect succeeding legislatures; hence the error in cutting down the appropriations to meet and pay such expenses.

I assure you it is a case of great necessity that a deficiency bill should be passed at a very early day of the next sitting of Congress, as it would be exceedingly difficult to get through on a credit in this Territory with the balance of the expenses after disbursing the present appropriation, from the fact that various parties here have failed to receive their pay for supplies and services furnished and rendered for and during the last session of our legislature.

I therefore most respectfully ask that, after due examination and consideration of the estimate herewith presented in connection with the deficiency, as far as you shall find it just and correct, you send in your recommendation to the next sitting of Congress.

Respectfully,

R. A. SIDEBOTHAM,
Secretary of Idaho.

Hon. FIRST COMPTROLLER,
Treasury Department.

—
TREASURY DEPARTMENT,
FIRST COMPTROLLER'S OFFICE,
Washington, D. C., December 19, 1878.

SIR: Herewith is inclosed deficiency estimate of appropriation from the Secretary of Idaho Territory for the fiscal year ending June 30, 1879, together with a letter from him requesting such appropriation.

It will be observed that certain reductions from his estimate have to be made to agree with the law making appropriations for government in the Territories for 1879, approved June 19, 1878, which reduces the per diem of members of the house of representatives and council in the Territories to \$4, and the per diem of the president and speaker to \$6, and consolidates the offices of enrolling and engrossing clerks, allowing but \$5 per diem for one, and the same with the sergeant-at-arms and doorkeeper, allowing but \$5 day, and allows the messenger but \$4, and the watchman the same per diem, and fixes the amount of expenditures for public printing at \$2,500.

His estimated amount for expenditures for public printing is reduced.....	\$325 00
And the amount for per diem of members of council is reduced	960 00
And the amount for per diem of members of house is reduced	2,000 00
And the amount for per diem of president and speaker is reduced	320 00
And the amount for attachés of council and house is reduced.....	1,520 00
	<hr/>

Making a total reduction, by law, of..... 5,125 00

Which still leaves a deficiency on the basis of his estimate for other expenditures of \$5,218. You will please forward his estimate to Congress, as also his explanatory letter, with a statement that I recommend \$4,858 as the amount of said appropriation.

Very respectfully,

A. G. PORTER,
Comptroller.

Hon. JOHN SHERMAN,
Secretary of the Treasury.

APPENDIX D.

Relating to estimate for contingent expenses, Territory of Idaho. (See page 5.)

TREASURY DEPARTMENT,
FIRST COMPTROLLER'S OFFICE,
Washington, D. C., January 11, 1879.

SIR: Herewith is inclosed a letter, dated January 8, 1879, from Hon. S. S. Fenn, Delegate from Idaho Territory, asking that a recommendation for a deficiency appropriation for the fiscal year ending June 30, 1878, be made for contingent expenses of that Territory. Governor M. Brayman, in urging the same request, says that "on coming here I found no executive rooms and no furniture, and was under the necessity of purchasing. The two Indian wars of last year and this have increased the indispensable disbursements of my department in various ways—clerk-hire, printing, telegraphing, organizing militia, handling arms, &c. The contingent fund of my office, \$1,000 to my predecessors, was from July 1, 1876, reduced to \$500 by the appropriation bills. My necessary disbursements, above the appropriations, I have paid from my private means, only covering in my half-yearly returns the regular amounts appropriated. I wish a place in a deficiency bill for my reimbursement."

In a former letter he says: "I am using borrowed furniture. After paying office rent I have \$140 per annum for all expenses."

Mr. Fenn assures me that it must have cost Governor Brayman nearly all of the \$140 referred to for telegraphing alone during the last year. I therefore recommend a deficiency appropriation of \$250 for contingent expenses, Idaho Territory, for the year ending June 30, 1878.

Respectfully,

A. G. PORTER,
Comptroller.

Hon. JOHN SHERMAN,
Secretary of the Treasury.

HOUSE OF REPRESENTATIVES,
Washington, D. C., January 8, 1879.

SIR: I have the honor to call your attention to a letter from the governor of Idaho, of date October 17, 1877, reported in Ex. Doc. No. 5, Forty-fifth Congress, second session, page 203; also Governor Brayman's letter of September 27, 1876, referred to in his letter of October 17, 1877. The difficulties detailed by Governor Brayman still continue, but have been greatly increased by the necessary contingent expenses of the governor, growing out of the Bannock and Shoshone Indian war of the summer of 1878, especially in the matter of telegraphing.

There is a strong probability of a repetition of the Indian difficulties in Idaho the coming year, rendering an increased contingent fund necessary for the future. It is also very important that provision should be made for furniture for the governor's office, there having been no provision made to meet the requirements of the service since that time.

An examination of the whole subject and such official recommendation as its merits require is earnestly desired.

Very respectfully, your obedient servant,

S. S. FENN,
Delegate, Idaho Territory.

Hon. A. G. PORTER,
First Comptroller Treasury.

APPENDIX E.

Explanation of the estimate for legislative expenses, Territory of Montana.
(See page 5.)

TERRITORY OF MONTANA,
SECRETARY'S OFFICE,
Helena, Mont., September 28, 1878.

SIR: I have the honor again to acknowledge your letter of August 3, 1878, and have been placed in possession by Hon. Martin Maginnis of a copy of the act approved June 19, 1878, making appropriations for legislative, executive, and judicial expenses.

As the time is not far distant when the legislative assembly of Montana provided for in that act will convene, I respectfully submit the following for your reply to govern my action in the premises.

Under the head of "Government in the Territories," the phraseology does not enable me to determine whether members of the next session of the Montana legislature are to receive \$4 per day each and \$6 for presiding officers, or whether, as heretofore, members are to receive \$6 per day each and presiding officers \$10 per day each.

The second paragraph under the same head provides that "the subordinate officers of each branch of said Territorial legislatures shall consist of one chief clerk, who shall receive a compensation of six dollars per day; one enrolling and engrossing clerk, at five dollars per day; sergeant-at-arms and doorkeeper, at five dollars per day; one messenger and watchman, at four dollars per day each," &c. Is it your construction that the offices of "enrolling and engrossing clerk," and of "sergeant-at-arms and doorkeeper" are consolidated, or that there shall be "one enrolling clerk and one engrossing clerk," and "one sergeant-at-arms and one doorkeeper" allowed to each branch? I ask instruction on these points that I may not construe the law wrong.

The appropriation for legislative expenses in Montana under the act above cited is \$14,000. I assume that of this, \$2,000 are for the current expenses of the Secretary's office, leaving to meet session expenses, less \$2,500 set apart for printing, \$9,500. Montana has at present 26 members of the house and 13 members of the council.

At the \$6 per diem, the pay for forty days will aggregate.....	\$9,600
Their mileage as allowed at tenth session will be.....	1,218
The pay of subordinate officers, if not consolidated, will be.....	2,840
Total under highest construction of the law.....	13,658
The pay of members at \$4 and \$6 for presiding officers, will be.....	6,400
Mileage, same as heretofore.....	1,218
Pay of subordinate officers, if consolidated.....	2,040
Total at lowest construction of the law.....	9,658
Total funds available.....	9,500
Actual deficit, for pay alone, at lowest construction.....	158
Actual deficit, for pay alone, at highest construction.....	4,158

It will be seen from the above that the unavoidable deficiency for the pay of subordinate officers and for the per diem and mileage of members at the lowest construction would be \$158. There are also other expenses in holding a session, which, under your instructions, I am authorized to

incur, and which I submit from my estimates furnished to the honorable Secretary of the Treasury, to wit:

For fitting up legislative halls and committee rooms.....	\$400
For rent of legislative halls and committee rooms.....	500
For fuel and lights of halls and committee rooms.....	300
For stationery and furniture.....	1,000
For contesting members and mileage.....	300
For incidental expenses of session.....	540
Other session expenses not appropriated for.....	3,040

This aggregates with the lowest pay deficiency \$3,198, or with the highest pay deficiency, a total of \$7,198.

The appropriation for the fiscal year ending June 30, 1877, was \$22,000, and you have also recommended an appropriation of \$2,491.41, to cover a deficiency for that year; making a total expense of \$24,491.41 for legislative expenses during the fiscal year 1877.

I estimate the lowest amount for which the ensuing session can be held will leave a deficiency over the appropriation now made of \$3,198, or it may reach \$7,198, depending on your construction of the act in question. As I understand the law, a disbursing-officer is prohibited from incurring any obligation in the name of the United States for which an appropriation has not been made: As it is an absolute impossibility, as shown above, to defray the expenses of the ensuing session of the Montana legislature with the amount now appropriated for that purpose, I respectfully request that you will have incorporated in the first deficiency bill presented, a sum sufficient to cover the necessary expenses, as construed and directed by you, of the next session of the Montana legislature.

I also respectfully solicit your consideration of the fact that the printing appropriation for Montana in 1877 was \$4,000, and that a deficiency of \$2,449.41 still exists. The amount it is limited not to exceed this year is \$2,500, while the rates for printing are not materially reduced, except in composition. The incidental printing will, as per former sessions, exhaust nearly one-half of the \$2,500, and the remainder will be insufficient to print the laws. It is desirable these should be furnished to the people as speedily as possible, and the appropriation therefor should be increased to \$4,500. In the event that cannot be done, it seems to me the printing of the journals and all incidental printing will have to be omitted. I would be pleased to have you instruct me in this matter, as the legislature will desire to know on convening what printing can be done.

Delegate Maginnis appreciates fully the necessity of securing an increased appropriation for legislative expenses in this Territory, before the next session convenes, and will give his best services in Congress in behalf of the appropriations you may recommend. The situation is a perplexing one to me, and I will esteem highly the favor if you will give me at as early a day as convenient your construction of the appropriation bill, and directions how to proceed where the appropriation is so manifestly inadequate to cover the essential expenses of the session.

I am, very respectfully, your obedient servant,

JAMES H. MILLS.

Hon. FIRST COMPTROLLER TREASURY DEPARTMENT.

TREASURY DEPARTMENT,
FIRST COMPTROLLER'S OFFICE,
Washington, D. C., December 19, 1878.

SIR: Inclosed with this is a copy of a letter from James H. Mills, secretary of the Territory of Montana, asking among other things that an item may be placed in the deficiency bill for the fiscal year ending June 30, 1879, appropriating \$3,158 for legislative expenses, Territory of Montana, for that year. Be pleased to transmit the same to Congress, with a statement that I recommend \$2,458 as the amount of said appropriation, as follows: For fitting up legislative halls and committee rooms, \$200; rent of same, \$500; fuel and lights, \$300; stationery and furniture, \$600; contesting members and mileage, \$300; incidental expenses, \$400; also \$158, which, with the present appropriation of \$14,000, will be needed to pay per diem and mileage of members, subordinate officers, expenses of secretary's office, and public printing.

Very respectfully,

A. G. PORTER,
Comptroller.

Hon. JOHN SHERMAN,
Secretary of the Treasury.

APPENDIX F.

Relating to the estimate for commissions to superintendents of lights. (See page 11.)

TREASURY DEPARTMENT,
OFFICE OF COMMISSIONER OF CUSTOMS,
January 9, 1879.

SIR: I have the honor to submit herewith a statement showing the sums due to collectors of customs for commissions at 2½ per centum on disbursements made by them in their capacity as superintendents of lights during the fiscal years 1875, 1876, 1877, and 1878.

Appropriations have been made from time to time to pay these commissions up to and including 30th June, 1874. An appropriation was also made for this purpose for the present fiscal year.

Applications having been made by several of the collectors for the payment of these commissions for the years for which no appropriations have been made, viz, 1875, '76, '77, and '78, I would suggest that, in order to settle the whole matter, give the parties entitled the money due to them, and to relieve the department from the importunities of the claimants, Congress be asked to appropriate the amount required for a full settlement of the matter, as shown by the accompanying statement, viz, \$31,574.96.

Very respectfully, your obedient servant,

H. C. JOHNSON,
Commissioner of Customs.

Hon. JOHN SHERMAN,
Secretary of the Treasury.

Statement of amounts due collectors of customs, for commissions on disbursements, as superintendents of lights.

Collector.	District.	Commissions during fiscal year of—				Aggregate commissions.
		1875.	1876.	1877.	1878.	
Abbott, J. C.	Wilmington, N. C.	\$123 00	\$123 00	\$123 00	\$92 25	\$461 25
Adams, I. E.	Great Egg Harbor, N. J.	180 92	183 50	182 87	182 25	729 54
Akeley, H. C.	Michigan	400 00	400 00	400 00	400 00	1,600 00
Allen, J. A. P.	New Bedford, Mass.	231 50	280 39	253 97	231 50	977 36
Baldwin, W. A.	Newark, N. J.	43 44	43 25	43 47	43 50	173 66
Bartlett, J. H.	Little Egg Harbor, N. J.	62 25	67 25	65 37	64 75	259 62
Blew, C. W.	Saint John's, Fla.				12 50	12 50
Blumenthal, I.	Saint Mark's, Fla.	57 00	38 00			95 00
Braxton, J. S.	Norfolk, Va.			183 75	366 77	550 52
Brown, H. L.	Erie, Pa.				30 00	30 00
Canaday, W. P.	Wilmington, N. C.				30 75	30 75
Carter, D. K.	Genesee, N. Y.	8 62	34 50	34 50	34 50	112 12
Chandler, J. H.	Superior, Mich.	400 00	400 00	400 00		1,200 00
Codd, James	Nantucket, Mass.	204 56				204 56
Cooper, Sidney	Cape Vincent, N. Y.	75 00	75 00	75 00	75 00	300 00
Collins, J. T.	Brunswick, Ga.	74 00	74 00	74 00	18 50	240 50
Daniels, R. W.	Buffalo Creek, N. Y.	52 63	53 25	26 62		132 50
Davis, A. C.	Beaufort, N. C.	66 00	66 00	66 00	66 00	264 00
Davy, John M.	Genesee, N. Y.	25 87				25 87
Ellsworth, Timothy E.	Niagara, N. Y.	23 75	28 08	48 00	24 00	123 83
Elmer, J. H.	Bridgetown, N. J.	40 75	40 75	69 87	90 75	242 12
Flagler, Benjamin	Niagara, N. Y.				24 00	24 00
Fuller, J. W.	Miami, Ohio	60 00	83 50	85 05	83 50	312 05
Gage, George	Beaufort, S. C.	141 78	181 75	155 74	154 90	634 17
Goss, A. J.	Saint Augustine, Fla.	72 65	75 87	75 87	56 90	281 29
Goss, F. B.	Barnstable, Mass.			400 00	391 16	791 16
Grossmann, F. E.	Fernandina, Fla.		60 00	48 00		108 00
Hare, W. D.	Oregon	283 57	301 75	302 76	311 27	1,199 35
Hazen, Henry	Fernandina, Fla.	34 75				34 75
Havens, W. S.	Sag Harbor, N. Y.	151 50	151 50	151 50	151 50	606 00
Heiderhoff, Frank	Pearl River, Miss.	217 50	210 97	53 95		482 42
Henry, Thomas A.	Pamlico, N. C.	227 40	233 12	208 12	220 90	889 54
Heriot, H. F.	Georgetown, S. C.	10 50	17 50	14 00	14 00	56 00
Hiller, W. P.	Nantucket, Mass.	68 19	272 75	272 75	272 75	886 44
Hodson, Thomas S.	Eastern, Md.	37 00	156 48	152 50	137 10	483 08
Holbrook, E. W.	Teche, La.	54 59	112 66	116 95	32 34	316 54
Hopkins, Ed.	Saint John's, Fla.				12 50	12 50
Hopkins, J. D.	Frenchman's Bay, Me.	400 00	400 00	400 00	400 00	1,600 00
Hoskins, J. T.	Tappanhook, Va.		39 46	145 80	146 09	331 45
Howe, George T.	Cuyahoga, Ohio			20 87	83 50	104 37
Howard, A. F.	Portsmouth, N. H.	115 75	115 75	115 30	115 75	462 55
House, Thomas F.	Saint Augustine, Fla.				18 97	18 97
Hubbard, George	Stonington, Conn.	118 02	118 25	118 25	118 25	472 77
Humphreys, F. C.	Pensacola, Fla.			8 71	36 98	45 69
Kidder, P. P.	Dunkirk, N. Y.	24 50	24 50	24 50	24 50	98 00
Lawson, Hance	Eastern, Md.	110 06				110 06
Lee, jr., Luther	Norfolk, Va.	331 94	365 38	181 08		878 40
Levy, Herman	Saint Mark's, Fla.	19 00				19 00
Macy, S. W.	Newport, R. I.	343 42	349 20	359 71		1,052 33
Manning, C. G.	Albemarle, N. C.	165 79	190 43	207 61	207 75	771 58
Marchant, C. B.	Edgartown, Mass.	104 57	103 75	113 30	113 75	435 37
Marshall, G. I.	New London, Conn.			136 68		136 68
Moffitt, Stephen	Champlain, N. Y.		32 37	129 50	129 50	291 37
Mullen, R. W.	Teche, La.	37 62				37 62
Murat, A. J.	Apalachicola, Fla.	51 75	51 75	51 75	51 75	207 00
Nazro, John	Milwaukee, Wis.			400 00	331 11	731 11
Nolen, W. D.	Delaware	400 00	344 08			744 08
Osburn, C. Y.	Superior, Mich.				400 00	400 00
Osburn, I. N.	Pearl River, Miss.			2 80		2 80
Parmenter, J.	Champlain, N. Y.	129 50	97 12			226 62
Pool, John G.	Sandusky, Ohio	83 75	83 75	83 75	83 75	335 00
Potter, jr., Hiram	Pensacola, Fla.	37 50	37 29	28 12		102 91
Pratt, F. A.	Newport, R. I.				364 15	364 15
Prouty, C. R.	Saluria, Tex.	130 01	85 18	78 87	78 58	372 64
Remington, S. P.	Oswegatchie, N. Y.	40 50	40 50	40 50	40 50	162 00
Sandy, E. M.	Tappanhook, Va.	144 25	108 05			252 30
Sanborn, John P.	Huron, Mich.	231 87	247 55	278 74	280 82	1,038 98
Scott, John R.	Saint John's, Fla.	50 00	50 00	50 00	25 00	175 00
Slevin, P. S.	Miami, Ohio	21 31				21 31
Shepard, Jos.	Saint Mary's, Ga.	25 00	25 00			50 00
Stevens, George C.	Milwaukee, Wis.	305 94	245 49			551 43
Swift, C. F.	Barnstable, Mass.	390 45	400 00			790 45
Thompson, Lewis	Delaware		42 86	400 00	400 00	842 86
Tibbitts, John A.	New London, Conn.			45 56		45 56
Toy, George	Cherrystone, Va.	122 17	122 75	122 75	122 75	490 42
Turner, D.	Alexandria, Va.	62 87	62 73	31 18		156 78
Tyler, John	Buffalo Creek, N. Y.			26 62	53 25	79 87

Statement of amounts due collectors of customs, &c.—Continued.

Collector.	District.	Commissions during fiscal year of—				Aggregate commiss- ions.
		1875.	1876.	1877.	1878.	
Warfield, A. A	Alexandria, Va			\$32 16	\$63 75	\$95 91
Watmough, P. G	Cuyahoga, Ohio	\$83 50	\$83 50	62 62		229 62
Willard, J. R	Erie, Pa	60 00	60 00	60 00	30 00	210 00
Webster, H. A	Puget Sound	243 22	244 51	249 37	244 83	981 93
Wells, William	Vermont			81 03	84 00	165 03
Total		7, 812 98	7, 916 02	8, 170 84	7, 675 12	31, 574 96

OFFICE OF COMMISSIONER OF CUSTOMS,
January 9, 1878.

H. C. JOHNSON,
Commissioner of Customs.

APPENDIX G.

Relating to alterations in the post-office and court-house, New York. (See page 11.)

ALTERATIONS.

TREASURY DEPARTMENT, OFFICE OF THE SUPERVISING ARCHITECT, December 12, 1878.

SIR: I have the honor to inclose herewith copy of communication dated the 4th instant, from the postmaster and custodian of the United States court-house and post-office building at New York City, with report from B. K. Sharretts, special agent of the Post-Office Department, in relation to the defective ventilation of the lower portion of the New York post-office building.

In view of the exigency of the case, I have caused a careful examination to be made, and submit herewith for your information a report thereon by Mr. F. Schumann, civil engineer of this office, which specifies in detail the alterations required to remedy the defect referred to, the estimated cost being \$30,000.

I consider it essential that these changes should be made, and have to recommend that an appropriation of the amount specified in the civil engineer's estimate be asked of Congress during its present session.

Very respectfully,

JOHN FRASER,
Acting Supervising Architect.

Hon. JOHN SHERMAN,
Secretary of the Treasury.

POST-OFFICE, NEW YORK CITY, N. Y.,
OFFICE OF THE POSTMASTER,
December 4, 1878.

SIR: Referring to my letter of the 9th ultimo, in regard to the defective ventilation of portions of this building, I have the honor to submit for your consideration the inclosed report on the same subject just re-

ceived from B. K. Sharretts, esq., special agent of the Post-Office Department.

Very respectfully,

THOMAS L. JAMES, *Custodian.*

Hon. JOHN SHERMAN,
Secretary of the Treasury.

OFFICE OF SPECIAL AGENT POST-OFFICE DEPARTMENT,
New York, N. Y., December 3, 1878.

SIR: In response to your request that my opinion with regard to the ventilation of the lower portion of the post-office building at New York should be expressed, and that in the form of a letter, I beg to reply as follows:

Public attention has been called, as you know, through the medium of the press, to the insufficient and ill ventilation of the registry department by its occupants, the clerks; and whilst I think the course pursued by them was unwise, yet I must in justice say that the provocation was and is ample.

The rotunda of the New York post-office may be described as being an enormous box, from whose sides a ring—the mezzanine—projects, thus forming an imperfect horizontal partition, and almost dividing the box into two parts, an upper and lower.

The air destined for the respiration of the individuals who occupy these parts enters at the lower compartment, not by means of a scientific apparatus, but through such accidental chinks as an opening door, a crack in a partition, or a window left ajar, may furnish. As the air enters, it, being lower in temperature than that already inside, sinks and forms a stratum next the ground, and thus the occupants of this lower part stand in a "river of cold" to their knees, the body above being surrounded by an atmosphere of heated but vitiated air. As this cold air becomes warmer it ascends, 'tis true, but ere it reaches the mouth or nostrils it mixes with that which had been breathed already, and becomes, to a great degree, unfit for respiration. Nor are the clerks who occupy the mezzanine any better situated than their brethren, since the heated air from below, finding no means of egress (as none are provided), is packed in around them, and *malaise*, headache, &c., speedily supervene. The rooms which open on the mezzanine gallery serve as literal reservoirs for this heated air, loaded as it is with exhaled animal matter, carbonic acid gas, &c. It is true that these rooms and the gallery are provided with windows opening on the street, but the apertures are on a level with the floor, and here the same phenomenon of hot and cold air is repeated. If a match be lit and held above the level of the window, it burns with a steady flame, but dimly, thus showing that there is barely enough oxygen to support combustion; but should it be lowered to a level with the window, it commences to flicker, and may even be extinguished by the draft occasioned by the cold wave. But the resource (opening the window), limited as it is, can be practiced only during the mild sway of summer, as in winter it becomes too severe an expedient, and most men prefer the Scylla of stifling in warmth to the Charybdis of semi-pure respiration in cold.

Another thing which adds to the discomfort is the heating apparatus. This simply bakes the air which comes in contact with it, and what little air does reach the occupants of the room comes to them in a semi-cooked condition.

My own office, being situated on the mezzanine, has given me ample

experience to justify, to a certain extent, the complaint of your clerks in this matter, and I would suggest that steps be taken to remedy this most serious defect in what is otherwise one of the finest buildings devoted to postal purposes.

Very respectfully, your obedient servant,

B. K. SHARRETT,
Special Agent Post-Office Department.

THOS. L. JAMES, Esq.,
Postmaster, New York, N. Y.

TREASURY DEPARTMENT,
OFFICE OF THE SUPERVISING ARCHITECT,
December —, 1878.

SIR: Referring to that portion of your instructions relative to the openings in sidewalk on Broadway for the admission of fresh air to basement of the United States court-house and post-office building, New York, N. Y., I consider it my duty to call your attention to the utter lack of ventilation of the basement and first story, including the mezzanine floor of this building. I find, upon a careful examination, that the first story and mezzanine have no ventilating appliances for the admission of fresh air whatever, and that the areas of ducts for the removal of vitiated air are far too small. The efficiency of the ducts from basement is greatly diminished by the far too small area of shafts. The floor registers at the mouth of outlet and inlet ducts are, from want of proper attention, dirty, and therefore sources of contamination.

The inlet ducts to basement are supplied with air taken through areas open on a level with the sidewalks on Broadway and Park Row. The air near the sidewalks of such populous streets, and subject to such an enormous traffic, is anything but pure. That the present ventilation of the basement and first story is greatly deficient and should be improved is evidenced by the loud complaints of the occupants, and, as I am informed by one of the superintendents of the post-office, largely increased sick-list of employés, whose symptoms point to diseases generated by poisoned air.

I have the honor to submit the following data regarding the ventilation of those portions of the building referred to above and the remedy proposed.

VENTILATION.

The following data is furnished by officers of the post-office, giving the number of persons present and lights burned during the busiest part of a day:

Basement:	
Number of persons	107
Number of lights (5 feet)	245
First story:	
Number of persons	322
Number of lights (4 feet)	389
Mezzanine:	
Number of persons	128
Number of lights (4 feet)	90

The quantities of air required are as follows:

Cubic feet of air per foot of gas burned per hour.....	1,800
Cubic feet of air per person per hour	2,800

Consequently, the following volumes of air should be supplied :

	Cubic feet per hour.
Basement :	
107 × 2,800	299, 600
5 × 245 × 1,800.....	2, 205, 000
	<hr style="width: 100%; border: 0.5px solid black;"/>
	2, 504, 600
First story :	
322 × 2,800	901, 600
4 × 389 × 1,800	2, 800, 800
	<hr style="width: 100%; border: 0.5px solid black;"/>
	3, 702, 400
Mezzanine :	
128 × 2,800	358, 400
4 × 90 × 1,800.....	648, 000
	<hr style="width: 100%; border: 0.5px solid black;"/>
	1, 006, 400
	<hr style="width: 100%; border: 0.5px solid black;"/>
First story and mezzanine	4, 708, 800

From the foregoing it will be seen that without considering other contaminating causes the basement *should* be supplied with 2,504,600 cubic feet of air per hour, and the first story and mezzanine with 4,708,800 cubic feet per hour. The capacity of the ventilating appliances now existing is as follows :

Area of 4 aspirating shafts, 166 square feet, assuming a maximum velocity of air in same of ten feet per second = 36,000 feet per hour; hence, removing $36,000 \times 166 = 5,976,000$ cubic feet per hour. The work required of these shafts is the removal of vitiated air as follows :

	Cubic feet per hour.
1. Cellar	518, 000
2. Basement	2, 504, 600
3. First story	4, 708, 800
4. Upper stories	864, 000
	<hr style="width: 100%; border: 0.5px solid black;"/>
Total	8, 595, 400

Consequently, under the most favorable circumstances, the shafts remove only about one-half of the foul air. From improper adjustment of ducts entering shafts, causing interfering currents, the efficiency of shafts is reduced about twenty per cent., so that only about thirty per cent. of the quantity of air that should be supplied, enters the building.

It appears that the want of efficiency of shafts asserts itself mostly in ducts from basement and first story, at the mouth of which hardly any currents are perceptible; the shafts being evidently most effective for the upper stories of the building.

HEATING.

Basement.—The basement is heated mostly by indirect radiation; the fresh air entering areas in sidewalk, as already stated, then conveyed by ducts to coils in different parts of cellar, from which it is taken by ducts to floor-registers; besides this there are 17 direct radiators, placed as shown on heating plans. There is ample heating surface.

First story and mezzanine.—The corridor surrounding the business room of the post-office is heated by twenty direct coils in window-breasts; these were evidently intended to heat also the business room, but are now entirely cut off by the post-office screen. On the Park Row side

there are 3 direct radiators which heat the space partitioned off for the reception of mails. The business room is heated by 8 direct radiators on first floor and 22 on mezzanine floor, none of which are supplied with fresh air.

From the foregoing, it will be seen that the air-supply to the basement and first story, including mezzanine, is totally inadequate when we consider the number of occupants, gas-lights burned, and mail-matter that continually tends to vitiate the air in these apartments.

RÉSUMÉ.

Defects.

1st. Insufficient capacity of aspirating shafts and ventilating ducts; hence,

2d. The foul air is not removed rapidly enough to make room for the fresh; therefore,

3d. Insufficient supply of air to basement, and total want of air through ventilating appliances to first story and mezzanine.

REQUIREMENTS.

Basement.

It is proposed to change the present vacuum system to a plenum; that is, forcing the air through ducts now existing to carry off the foul air by means of a fan. The ducts would require only slight changes and additions. All the radiators to be collected into a heating chamber adjoining the fan. The fresh air is taken to fan through two air-shafts communicating with top of roof. Triangular spaces already existing are made use of for shafts, and where they pass through first story and basement they do not interfere with the present arrangements. The vitiated air to pass off through windows into areas surrounding building and some ducts now in place for that purpose.

The supply floor-registers, as well as those to outlets, should be raised at least 18 inches above the floor, the openings to be at the sides. When placed level with the floor they are objectionable in becoming receptacles for dirt, &c.

First story and mezzanine.

The present method of heating and ventilating is retained with the following changes and additions:

The foul-air ducts under cellar-floor are detached from the present shafts on Park-front sides of the building, and lead into two additional shafts to be built against the stairs of pavilions in cellar, basement, and first story, and communicating with spaces already existing that lead to roof through the upper stories of the building; the air in these shafts to be heated by steam-coils placed at the bottom; the old shafts to be tapped near the floor of first story to permit the escape of foul air. For the supply of fresh air, ducts are to be built between the beams of first floor, connecting the present coils in window-breasts with perforated pedestals containing radiators in business room. The base of post-office screen facing doors on Broadway and Park Row to be perforated and filled with heating-pipes to serve as inlets.

The iron door and window transom on a level with mezzanine floor to have the panels cut out and a connection made with the space back of the cast-iron lining, into which the shutters slide, thus forming a fresh-air-supply duct to direct radiators, to be placed at the mouth of each duct.

DATA.

	Cubic contents in feet
Basement	1, 574, 300
First story and mezzanine	1, 479, 810

Basement.—The velocity of inlet currents to basement should not exceed 2 feet per second, or 7,200 feet per hour; hence the aggregate area of openings should = $\frac{2504600}{7200} = 348$ square feet.

To deliver 2,504,600 cubic feet of air per hour requires about 20 horsepower, with a consumption of about 125 pounds of coal per hour.

The size of supply shafts to fan is 36 square feet each, hence the velocity in a shaft $\frac{2504600}{72 \times 3600} = 9.7$ feet per second.

First story and mezzanine.—The aggregate area of outlet openings leading to asperating shafts is—

	Square feet.
Through columns	85
Elevators	80
Direct into shafts	60
	226

The velocity of currents through these openings must be forced to $\frac{4708800}{226 \times 3600} = 5.8$ feet per second.

This velocity would be necessary to create a vacuum for the proper amount of fresh air to enter, but it will be difficult to attain; it is therefore suggested to add two additional shafts, located near the elevators, of sufficient size to reduce the velocity to about 3 feet 6 inches per second.

The aggregate size of both would have to be $\frac{4708800}{3.5 \times 3600} - 226 = 147$ square feet. The opening near the floor should be 4 by 18 feet.

The heating surface in first and mezzanine story will have to be increased sufficiently to warm the additional supply of fresh air.

The aggregate area of inlet openings is as follows:

	Square feet.
Between beams of first floor	48
Under post-office screen base	42
Mezzanine transoms	90
Ridge ventilator, changed to inlet	220
Total	400

Consequently the velocity of the air through these ducts is $\frac{4708800}{3600 \times 400} = 3.2$ feet per second. The openings immediately where the air enters must be increased to 654 square feet so that the velocity be reduced to 2 feet per second.

The present ridge ventilator will be changed to a supply inlet, which is effected by reason of the increased asperating power of the shafts. Coils of heating pipes must be placed in the ridge opening to heat the incoming air.

The air to basement after leaving fan can be cooled in summer by means of a spray of water placed near or in the heating chamber.

The additional shafts can be constructed similar to the iron stud partitions now in the building.

Sketches herewith submitted illustrate the proposed changes and additions.

In conclusion I add an approximate estimate of the cost of the proposed alterations, &c.:

Fan and twenty horse-power engine.....	\$1,500
Changing coils in cellar to heating chamber.....	5,000
Two supply-shafts in fan.....	3,000
Changing ducts from vacuum to plenum system.....	1,500
Changing floor-registers to raised pedestals.....	250
Changing outlets of ducts under cellar floor.....	1,000
Construction of four additional asperating-shafts.....	4,000
Cutting out arches in first story and constructing ducts.....	3,000
Cutting out panels of first story, opening transoms.....	1,500
Perforating base of post-office screen.....	250
Changing heating-coils in first story and mezzanine.....	1,000
Additional heating-coils in first story and ridge supply opening.....	3,000
Heating pedestals in first story.....	1,000
Contingencies.....	4,000
Total.....	30,000

Very respectfully,

F. SCHUMANN,
Civil Engineer.

JAS. G. HILL,
Supervising Architect, Treasury Department.

EXTENSION.

TREASURY DEPARTMENT,
OFFICE OF THE SUPERVISING ARCHITECT,
December 12, 1878.

SIR: I have the honor to inclose herewith copy of a communication dated the 9th instant, from the postmaster and custodian of the United States court-house and post-office building at New York City, with copy of a report from the general superintendent of the sixth division registry department, relative to the extension of the mezzanine gallery of said building to the first row of pillars in front of the elevator-shaft, and the flooring of the space behind said shaft to the double row of columns, in order that increased and secure accommodations may be provided for the proper transaction of the important business of the registry department. In accordance with your direction a thorough examination has been made of that portion of the building with a view of carrying out the postmaster's recommendation, and I submit herewith for your information an estimate, in detail, of the cost of extending the mezzanine gallery herein referred to.

As appears, the work is estimated to cost \$12,464.28, and I would respectfully recommend that an appropriation of this amount be made during the present session of Congress.

Very respectfully,

JOHN FRASER,
Acting Supervising Architect.

Hon. JOHN SHERMAN,
Secretary of the Treasury.

POST-OFFICE, NEW YORK CITY, N. Y.,
Office of the Postmaster.

SIR: I have the honor herewith to refer to you a communication from the head of sixth division of this office, and to ask that you kindly

accord it your personal consideration, as I deem it a matter of vital importance.

I am, very respectfully, your obedient servant,

THOS. L. JAMES,

Postmaster.

Hon. JOHN SHERMAN,

Secretary of the Treasury, Washington, D. C.

POST-OFFICE, NEW YORK CITY, N. Y.,

SIXTH DIVISION, REGISTRY DEPARTMENT,

November 9, 1878.

SIR: Since the occupation of our present quarters on this mezzanine gallery the business of the registry division has increased greatly, far beyond my greatest anticipation, having fully trebled. This is plainly to be seen in the crowded lobby, and the manner in which the receiving desk and every table and piece of working furniture is overburdened during the busiest hours of the day.

This office being the principal exchange office under the Berne treaty, the foreign registered business has steadily increased, and with every addition of a foreign country to the Postal Union an extra amount of registered matter is added.

The report of the honorable Third Assistant Postmaster-General exhibits the remarkable increase in postage-stamps and postal cards ordered, all of which are registered in **this division**.

One million eight hundred and forty-six thousand seven hundred and eighty-eight registered letters and packages were handled during the past fiscal year, an increase of 207,757 over previous year.

The number of through registered pouches received, sent, and examined in transit last year exceeded the previous year by 5,115, there being 19,998 through registered pouches sent and received, containing 312,885 registered packages. Twenty-five thousand more registered packages were sent out, in through pouches, than in preceding year. Twelve hundred special registered bags are required to make the exchanges with the foreign Union offices. Seven thousand one hundred and eighty-eight were received during the last year, and 8,336 sent to the said foreign offices.

In addition to this regular increase of work, we have now to deal with the third-class matter registered. This registration commenced the first week on 325 packets registered by the public at this office, and in five weeks has increased to 1,300 packets a week.

It is imperatively necessary that the extension of this division be considered at once. The narrow and elongated space now occupied is crowded to its fullest capacity. I would recommend the extension of this gallery to the first row of pillars in front of the elevator-shaft and the flooring of the space behind said shaft to the double row of columns.

No space can be obtained on the lower floor, and it would be neither safe nor expedient to occupy any of the opposite narrow gallery, nor any remote part of the building.

Two very important measures also require consideration: safety for the immense values continually in this division, and an improvement in the sanitary condition of the gallery.

The front part of the gallery is too exposed. The windows which the terrible heat and vitiated air require us to open can be reached from

the side-walk by the ornamented pillars. Were the inside iron shutters closed, the windows could not be used and the gallery would be unendurable.

On the 2d February, I wrote you respecting the sanitary condition of the gallery, and the death and suffering of the clerks employed, which correspondence was forwarded through the Hon. Third Assistant Postmaster-General and chief special agent to the Hon. Secretary of the Treasury. Nothing tangible has resulted from this action, and I earnestly implore that the Treasury Department be asked to investigate this matter, and afford relief and adequate protection at the earliest possible date.

On Saturday night last there was \$60,000 gold coin, and, at the lowest estimate, \$6,000,000 to \$7,000,000 in bonds, bullion, stamps, &c., in this division.

While what is considered ample force is detailed to protect this gallery and its treasures, I would feel more confident that all necessary protection was afforded and adequate precaution taken if every point by which an entry might be made to surprise the men was properly secured, *i. e.*, the windows protected, as also the front of the gallery.

The entire arch of the windows might be protected by an ornamental and secure iron-work placed far enough out to admit of the cleaning of the outside of the windows.

With the extension of the gallery, the inclosure from the interior of the office should also be acted on.

While you are fully aware of the necessities and requirements of the business of this division and its sanitary condition, I feel that your interest and that of the Post-Office Department requires immediate action in this matter, and I therefore deem it my duty thus to present it for reference to the proper authorities.

Very respectfully, your obedient servant,

CHAS. FORRESTER, JR.,
General Superintendent, Sixth Division.

Hon. THOS. L. JAMES,
Postmaster, New York City.

U. S. COURT-HOUSE & POST-OFFICE, NEW YORK, N. Y.,
OFFICE OF SUPERVISING ARCHITECT,
December 11, 1878.

ESTIMATE OF COST OF ADDITION TO MEZZANINE FLOOR.

[Taken from pencil tracing, measurement sealed.]

Iron work.

17.8 12" l' }		
3)12.7 " }	41½ lbs. =	4,651 lbs.
12.8½ " }		
3)14.6 " }	56½ lbs. =	6,432 "
2)13.6 12" h }		
2)14.9 " }	35 lbs. =	12,250 "
3)19.0 " }		
25)14.0 10½"		

10)27.0	12" l	}	41 $\frac{3}{8}$ lbs. =	18.6	19,615	42,948 lbs. 5 $\frac{1}{2}$ c..	2,362 14
20.3							
22.0							
23.9							
25.3							
4)12.0							
12.0							
8.6							
5.6							
17.0							

Wrought iron in bands, connecting beams to columns, allowing for tap-bolts, rivets, &c.

5)2.0	wt.	
"3.10		
52.2		
—10		
—1		
<hr/>		
43	5	8
x	37.5	
<hr/>		
1630 lbs.	.....	5 $\frac{1}{2}$ c..
		89 65

No. 96.—Wrought angle-irons 9" x 9" x 9" x 1/2" connecting beams to girders.

1.6	W—1	
—9		
—0 $\frac{1}{2}$	— 6 9 = 54'.0"	
	x 37.5	
<hr/>		
2025 lbs.	.....	5 $\frac{1}{2}$ c..
		111 38

Provide a sum for removing 254'.0" of c. i. casing & hand rail from old line and fixing in place of same material 166'.0" on new line.

166.75c..	124 50
------	-------	--------	--------

Superficial of corrugated iron arching, furring, and lathing to floor.

117.6				
14.0				
<hr/>				
16.45				
4.0				
4.0				
<hr/>				
.16				
45.4				
50.6				
<hr/>				
22.89	4			
<hr/>				
39.50	4	40 cents..	1,580 13

Plaster work.

Superficial of plastering on ceiling.

9)39.50	4	(See amount corrugated arching.)	
<hr/>			
440 square yards	40 cents..	176 00

Concrete work.

Superficial of concrete filling.

9)3950	4 (see amount corrugated arching.)	
<hr/>	440 square yards	1.75..... 770 00

Carpenter work.

Superficial of 1½" flooring laid on strips.

3' + 2'	
<hr/>	
3950' 4" (see amount corrugated arching) say 40 squares, 15.	600 00

Painters' work.

Provide a sum for repainting old iron-work	200 00
--	--------

Superficial of glass from mezzanine floor to ceiling, forming partition for rooms.

172.0	
11.0	
<hr/>	1892
16.0	
11.0	
<hr/>	176
14.6	
13.9	
<hr/>	199 5
2,267 5 .....	.75 cents.... 1,700 56

Superficial of iron grating to windows, &c.

20) 8.6	
8.7	
<hr/>	1,459 2
31.3	
13.9	
<hr/>	429 8
1,888 10	1.35.... 2,549 92

Provide for fastenings and securing windows:

No. 20 windows,	10.... 200 00
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	<hr/>	10,464 28
Contingencies, patching floor, &c		2,000 00

Total.....	<hr/>	12,464 28
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APPENDIX H.

Explanation of the estimate for the payment of professional services rendered by F. W. Viehe, in the case of the United States v. Hall-Neilson et al. (See page 11.)

DEPARTMENT OF JUSTICE,
OFFICE OF THE SOLICITOR OF THE TREASURY,
Washington, November 9, 1878.

SIR: I have the honor to inclose herewith a letter of F. W. Viehe, attorney at law, Vincennes, Ind., dated July 25, 1878, and its inclosure, a bill, amounting to the sum of \$3,185.06, for professional services rendered and cash paid out by him in the case of the United States *v. Hall-Neilson et al.* A copy of his itemized bill is also inclosed. The case referred to involved the title claimed by the United States to a valuable tract of land, containing about 80 acres, situated in the city of Vincennes, Ind.

The records of this office show that the Solicitor, upon a suggestion made by the Secretary of the Treasury, wrote, on the 3d of April, 1867, to Mr. John Ross, of Vincennes, requesting him to name some lawyer of ability and experience to take charge of this case. On the 15th of same month he replied, and strongly recommended the employment of Messrs. Allen and Viehe, attorneys, and, on the 23d of same month, the Solicitor wrote to the Secretary of the Treasury, inclosing a copy of Mr. Ross's letter, and recommending that Special Attorney Mellen be directed to make an arrangement with Messrs. Allen and Viehe to take charge of the case, such arrangement to be approved by the Solicitor and Secretary of the Treasury. The said letter was returned to this office, indorsed: "Approved, by direction of the Secretary. Wm. E. Chandler, Assistant Secretary."

On the 8th of June, 1867, Special Attorney Mellen, by letter to this office, reported that, pursuant to instructions received, he had employed Messrs. Allen and Viehe to take charge of the case, and that they are to be allowed such reasonable compensation therefor as shall be considered proper by the Solicitor and Secretary of the Treasury.

It does not appear that any subsequent authorization was obtained from the Solicitor or Secretary of the Treasury.

The correspondence in the case appears to have been carried on with Messrs. Allen and Viehe from the time of their employment, on the 8th of June, 1867, till the 1st of February, 1869, when Mr. Viehe wrote, stating that the firm of Allen and Viehe had been dissolved, and that he (Viehe) wished to be continued as an assistant counsel of the United States. He was so continued, and subsequently, when suit was brought by Jonathan Crews *et al.* in the United States circuit court to try the effect of their patent, he was appointed by the Attorney-General, on the 27th of October, 1875, as special counsel to the United States attorney for Indiana. A copy of said appointment is also inclosed.

The work done by Mr. Viehe has been beneficial to the government.

He defended the trustees of the United States in the ejectment suits brought against them by Jonathan Crews *et al.* in the circuit court for Knox County, Indiana, and obtained a judgment in favor of said trustees. A new trial was granted, and a judgment again obtained in favor of the said trustees. Application was then made for a new trial, which was overruled in January, 1872. The case was then appealed to the

supreme court of the State of Indiana, and the judgment of the circuit court was affirmed.

A patent to the land had been inadvertently issued on the 11th of September, 1875, and the defeated parties set up their claim thereunder. An action was instituted by them in the United States circuit court for the district of Indiana, to try the effect of their patent. It was tried in June, 1877, and a judgment rendered in favor of the government. A new trial was granted upon payment of costs. It was tried in March, 1878, and a judgment again rendered in favor of the government. A motion was then made for a new trial, which was overruled.

This last action of the court has settled the litigation relating to the land in question, and has established the title to it in the United States. I think the amount claimed by Mr. Viehe for his services is reasonable and proper.

As there is no appropriation available to pay Mr. Viehe, I have the honor to suggest that it be estimated for in the deficiency bill for the current fiscal year.

Respectfully,

K. RAYNER,
Solicitor of the Treasury.

Hon. JOHN SHERMAN,
Secretary of the Treasury.

The United States to F. W. Viehe, Dr., for professional services as attorney in the litigation about the so-called Hall-Neilson land.

Ejectment case of the Trustees against Jonathan Crews et al., tried February term, 1869, in Knox circuit court; judgment for trustees.

Defending case to enjoin writ of possession; injunction granted and case reverted in supreme court.

New trial was granted in ejectment case on payment of costs, and judgment again obtained for trustees in August, 1870.

Application for new trial overruled in January, 1872; case appealed to supreme court, and judgment affirmed.

For these services	\$2, 500 00
The above litigation fully settled the rights of the parties, but a patent was inadvertently issued on the 11th of September, 1875, and the defeated parties then claimed under the patent. An action of ejectment was instituted in the United States circuit court at Indianapolis, to try the effect of the patent. Tried in June, 1877, and judgment for the government. New trial granted on payment of costs. Tried again in March, 1878, and judgment for United States. Motion for new trial overruled. Fee	500 00
Total for services	3, 000 00
Expenses paid by me as per statement in my letter of June 1, 1875, and still due	132 33
Unpaid costs to officers, as per same statement	52 73
Total	3, 185 06

The above is correct.

F. W. VIEHE.

JULY 25, 1878.

APPENDIX I.

Statement of balances accrued for transporting the mails on railroads during the fiscal year ended June 30, 1878, the appropriation for that service having been exhausted. (Estimated for on page 17.)

Name of payee.	Detailed object of expenditure, and explanation.	Amount.
Portland and Rochester Railroad Company.	For service from April 22 to June 30, 1878, route No. 8, Maine.	\$184 77
Consolidated European and North American Railroad Company.	For service from May 1 to June 30, 1878, route No. 12, Maine.	257 75
Missisquoi and Clyde River Railroad Company.	For service from January 1 to June 30, 1878, including deductions remitted, route No. 2009, Vermont.	1, 107 49
Connecticut and Passumpsic Rivers and Massawipia Valley Railroad Company.	For service from July 1, 1877, to June 30, 1878, route No. 2010, Vermont.	1, 028 70
Nashville and Chattanooga Railroad Company.	For service from January 1 to June 30, 1878, route No. 19015, Tennessee.	447 18
Southwestern Railroad Company	For service from December 1, 1877, to June 30, 1878, route No. 20022, Kentucky.	169 06
Mount Sterling Coal Railroad Company.	For service from March 1 to June 30, 1878, route No. 20023, Kentucky.	261 49
Havana, Rantoul and Eastern Railroad Company.	For service from December 1, 1877, to June 30, 1878, route No. 23058, Illinois.	315 49
Belleville and Eldorado Railroad Company.	For service from March 11 to June 30, 1878, route No. 23061.	307 74
Natchez, Jackson and Columbus Railroad Company.	For service from September 1, 1877, to June 30, 1878, route No. 18010, Mississippi.	956 14
Champlain and Saint Lawrence Railroad Company.	For service from April 1 to June 30, 1878, route No. 6066, New York.	9 62
Poughkeepsie, Hartford and Boston Railroad Company.	For service from July 1, 1877, to June 30, 1878, route No. 6079, New York.	80 10
Fall Brook Coal Company, operating the Syracuse, Geneva and Corning Railroad.	For service from January 10 to June 30, 1878, route No. 6103, New York.	1, 547 60
Grand Trunk Railroad Company of Canada.	For service from April 1 to June 30, 1878, route No. 24007, Michigan.	1, 065 82
Flint and Pere Marquette Railroad Company.	For service from July 1, 1877, to June 30, 1878, route No. 24015, Michigan.	2, 082 24
Chicago and North Eastern Railroad Company.	For service from April 1 to June 30, 1878, route No. 24039, Michigan.	460 85
Marquette, Houghton and Ontonagon Railroad Company.	For service from April 1 to June 30, 1878, route No. 24041, Michigan.	852 63
Chicago and Northwestern Railroad Company.	For service from July 16, 1877, to June 30, 1878, route No. 25030, Wisconsin.	280 56
Chicago, Milwaukee and Saint Paul Railroad Company.	For service from January 1 to June 30, 1878, route No. 25031, Wisconsin.	287 10
Central Railroad Company of Iowa, lessees of Grinnell and Montezuma Railroad Company.	For service from April 1 to April 14, 1878, route No. 27032, Iowa.	25 53
Grinnell and Montezuma Railroad Company.	For service from April 15 to June 30, 1878, route No. 27032, Iowa.	140 41
Newton and Monroe Railroad Company.	For service from September 9, 1877, to June 30, 1878, route No. 27036, Iowa.	561 82
Crooked Creek Railway and Coal Company.	For service from November 1, 1877, to June 30, 1878, route No. 27037, Iowa.	224 86
Chicago, Clinton, Dubuque and Minnesota Railroad Company.	For service from February 1 to June 30, 1878, route No. 27039, Iowa.	820 43
Waukon and Mississippi Railroad Guarantee Company.	For service from February 11 to June 30, 1878, route No. 27040, Iowa.	317 91
Columbus, Washington and Cincinnati Railroad Company.	For service from December 1, 1877, to June 30, 1878, route No. 21057, Ohio.	839 54
Anderson, Lebanon and Saint Louis Railroad Company.	For service from March 1 to June 30, 1878, route No. 22037, Indiana.	305 52
Cumberland Valley Railroad Company.	For service from July 1, 1877, to June 30, 1878, route No. 8030, Pennsylvania.	3, 775 25
Pennsylvania Railroad Company	For service from January 1 to June 30, 1878, route No. 8027, Pennsylvania.	113 40
Baltimore and Ohio Railroad Company.	For service from July 1, 1877, to June 30, 1878, route No. 8040, Pennsylvania.	4 05
Philadelphia and Reading Railroad Company.	For service from July 1, 1877, to June 30, 1878, route No. 8050, Pennsylvania.	140 85
Shenango and Alleghany Railroad Company.	For service from April 1 to June 30, 1878, route No. 8051, Pennsylvania.	345 29
South Mountain Iron Railroad Company.	For service from October 1, 1877, to June 30, 1878, route No. 8052, Pennsylvania.	513 54
Parker and Karus City Railroad Company.	For service from January 1 to June 30, 1878, route No. 8086, Pennsylvania.	704 70
Baltimore and Potomac Railroad Company.	For service from May 13 to June 30, 1878, route No. 10013, Maryland.	248 23

Statement of balances accrued for transporting the mails, &c.—Continued.

Name of payee.	Detailed object of expenditure, and explanation.	Amount.
Western and Atlantic Railroad Company.	For service from January 1 to June 30, 1878, route No. 15002, Georgia.	\$1,633 83
Atlanta and Charlotte Air Line Railroad Company.	For service from January 1 to June 30, 1878, route No. 15001, Georgia.	1,958 77
Atlanta and West Point Railroad Company.	For service from January 1 to June 30, 1878, route No. 15003, Georgia.	676 10
Macon and Augusta Railroad Company.	For service from April 1 to June 30, 1878, route No. 15021, Georgia.	782 80
South Carolina Railroad Company	For service from January 1 to June 30, 1878, route No. 14003, South Carolina.	477 00
Kansas Pacific Railroad Company	For service from July 1, 1877, to June 30, 1878, route No. 33001, Kansas.	111,407 82
Kansas Central Railroad Company	For service from December 10, 1877, to June 30, 1878, route No. 33010, Kansas.	699 28
Fort Scott, Southeastern and Memphis Railroad Company.	For service from March 1 to June 30, 1878, route No. 33014, Kansas.	68 61
Kansas City, Burlington and Santa Fé Railroad Company.	For service from May 1 to June 30, 1878, route No. 33015, Kansas.	279 04
Joplin Railroad Company	For service from August 13, 1877, to June 30, 1878, route No. 33016, Kansas.	1,373 48
Atchison, Topeka and Santa Fé Railroad Company.	For service from September 1, 1877, to June 30, 1878, route No. 33017, Kansas.	345 98
Waterville and Washington Railroad Company.	For service from July 1, 1877 to June 30, 1878, route No. 33018, Kansas.	1,156 68
Republican Valley Railroad Company..	For service from February 1 to June 30, 1878, route No. 33019, Kansas.	969 29
Nebraska Railroad Company	For service from September 1, 1877, to June 30, 1878, route No. 34005, Nebraska.	1,120 59
Omaha and Republican Valley Railroad Company.	For service from July 1, 1877, to June 30, 1878, route No. 34008, Nebraska.	2,558 81
Colorado Central Railroad Company....	For service from April 1 to June 30, 1878, route No. 38004, Colorado.	3,978 82
Trustees of the Utah Western Railroad Company.	For service from January 1 to June 30, 1878, route No. 41005, Utah.	911 25
Northern Pacific Railroad Company....	For service from December 16, 1877, to June 30, 1878, route No. 43001, Washington Ter.	1,112 28
San Francisco and North Pacific Railroad Company.	For service from February 15 to June 30, 1878, route No. 46025, California.	244 36
Santa Cruz and Fulton Railroad Company.	For service from October 16, 1877, to June 30, 1878, route No. 46026, California.	267 13
Central Pacific Railroad Company.....	For service from July 1, 1877, to June 30, 1878, route No. 46027, California.	658 04
Southern Pacific Railroad Company....	For service from July 1, 1877, to June 30, 1878, route No. 46014, California.	41,998 96
	Also, from February 1 to June 30, 1878, route No. 46017, California.	185 06
North Pacific Coast Railroad Company.	For service from July 1, 1877, to June 30, 1878, route No. 46016, California.	1,432 56
Nevada County Narrow Gauge Railroad Company.	For service from July 1, 1877, to June 30, 1878, route No. 46020, California.	1,129 08
Amador Branch Railroad Company	For service from July 1, 1877, to June 30, 1878, route No. 46024, California.	642 97
California Northern Railroad Company	For service from July 1, 1877, to June 30, 1878, route No. 46023, California.	1,573 43
Winona and Saint Peter's Railroad Company.	For service from July 1, 1877, to June 30, 1878, route No. 26015, Minnesota.	84 00
Florida Central Railroad Company.....	For service from April 1 to June 30, 1878, route No. 16006, Florida.	868 32
Kansas City, Saint Joseph and Council Bluffs Railroad Company.	For service from April 1 to June 30, 1878, route No. 28006, Missouri.	732 60
Little Rock, Mississippi River and Texas Railroad Company.	For service from June 11, 1877, to June 30, 1878, route No. 29007, Arkansas.	2,042 19
Baton Rouge, Grosse Tete and Opelousas Railroad Company.	For service from April 1 to June 30, 1878, route No. 30005, Louisiana.	89 43
Galveston, Harrisburg and San Antonio Railroad Company.	For service from July 1, 1877, to June 30, 1878, route No. 31002, Texas.	5,944 05
Texas and Pacific Railroad Company...	For service from July 1, 1877, to June 30, 1878, routes Nos. 31009 and 31011, Texas.	10,687 34
Tyler Tap Railroad Company	For service from November 1, 1877, to June 30, 1878, route No. 31015, Texas.	588 65
Selma, Rome and Dalton Railroad Company.	For service from July 1, 1877, to June 30, 1878, route No. 17010, Alabama.	1,100 24
Louisville and Nashville Railroad Company.	For increased expedition of the mails, being amount deducted from January 1 to June 30, 1878, under act approved July 12, 1876, route No. 19006, Tennessee.	727 36
	Also, same allowance for same period on route No. 20005, Kentucky.	2,245 03
East Tennessee, Virginia and Georgia Railroad Company.	For increased expedition of the mails, being equivalent to the amount deducted from January 1 to June 30, 1878, under act approved July 12, 1876.	2,109 79

Statement of balances accrued for transporting the mails, &c.—Continued.

Name of payee.	Detailed object of expenditure, and explanation.	Amount.
Louisville, Cincinnati and Lexington Railroad Company.	For increased expedition of the mails, being equivalent to the amount deducted from January 1 to June 30, 1878, under act approved July 12, 1876.	\$1,262 12
	Total	228,896 80

APPENDIX J.

Relating to the estimate to pay the Pacific Mail Steamship Company for carrying the mails. (See page 17).

POST-OFFICE DEPARTMENT,
Washington, D. C., December 16, 1878.

SIR: I have the honor to transmit herewith, in reply to your letter of this date, a certificate of the dates of dispatch from San Francisco of steamers of the Pacific Mail Steamship Company in the months of November and December, 1876, with the United States mails for Japan and China; also of the dates of arrival at San Francisco of the same steamers on their return trips from Hong-Kong, China, bringing the mails from China and Japan.

I am, very respectfully, your obedient servant,

D. M. KEY,
Postmaster-General.

Hon. J. M. MCGREW,
Auditor of the Treasury for the Post-Office Department.

POST-OFFICE DEPARTMENT,
Washington, D. C., December 16, 1878.

SIR: I certify that it appears, by satisfactory evidence on the files of this department, that the Pacific Mail Steamship Company, contractors for the ocean mail steamship service between the United States, Japan, and China, authorized by act of Congress approved February 17, 1865, and by the amendatory act of February 18, 1867, dispatched the steamship Alaska on the 1st of November, 1876, and the steamship City of Tokio on the 2d of December, 1876, from San Francisco, with the United States mails for Hong-Kong, China, via Kanagawa, Japan.

I also certify that it appears, from the records of this department, that the steamships above named arrived at San Francisco, with mails from China and Japan, as follows, viz:

The steamship Alaska on January 20, 1877, and the steamship City of Tokio on February 10, 1877.

I am, very respectfully, your obedient servant,

D. M. KEY,
Postmaster-General.

The AUDITOR OF THE TREASURY
FOR THE POST-OFFICE DEPARTMENT.

APPENDIX K.

Abstract of balances due from the United States on accounts in the Treasury Department for expenses of courts in the year ending June 30, 1878, claimed or allowed but not paid because of a deficiency of appropriations.
 —(Estimated for on page 18.)

JUDICIAL DISTRICTS.

Alabama, southern	\$1,612 94
Arkansas, eastern	1,905 26
Arkansas, western	2,242 30
California	1,044 17
Dakota	8,723 76
Illinois, northern	1,201 75
Indiana	10,000 00
Iowa	1,097 62
Kansas	726 25
Kentucky	6,987 87
Maine	1,554 04
Massachusetts	733 15
Michigan, eastern	1,300 00
Minnesota	4,389 80
Mississippi, southern	3,000 00
New Jersey	636 46
New Mexico	4,515 00
New York, northern	2,525 78
Ohio, southern	6,255 44
South Carolina	7,099 98
Tennessee, eastern	6,264 00
Tennessee, middle	3,558 74
Texas, western	501 60
Utah	1,233 17
Virginia, eastern	576 29
Virginia, western	5,314 63
Add sums stated by marshals to be needed in addition to advances heretofore made:	
Kentucky	5,000 00
North Carolina, western	5,000 00
And amount estimated for accounts not yet rendered	15,000 00
Total required to supply deficiency	110,000 00