

WHEN APPOINTED.	NAMES.	STATES.
November 28, 1801	G. Granger	Connecticut
March 17, 1814	R. J. Meigs	Ohio
June 25, 1823	John McLean	do
March 9, 1829	W. T. Barry	Kentucky
May 1, 1835	A. Kendall	do
May 18, 1840	J. M. Niles	Connecticut
March 6, 1841	F. Granger	New York
September 13, 1841	C. A. Wickliff	Kentucky
March 5, 1845	C. Johnson	Tennessee
March 7, 1849	J. Collamer	Vermont
July 20, 1850	N. K. Hall	New York
August 31, 1852	S. D. Hubbard	Connecticut
March 5, 1853	J. Campbell	Pennsylvania

SECRETARIES OF WAR.

September 12, 1789	Henry Knox	Massachusetts
January 2, 1795	T. Pickering	do
January 27, 1795	J. McHenry	Maryland
May 7, 1809	J. Marshall	Virginia
May 13, 1800	S. Dexter	Massachusetts
February 3, 1801	R. Griswold	Connecticut
March 5, 1801	H. Dearborn	Massachusetts
March 7, 1802	W. Eustis	do
January 13, 1813	J. Armstrong	New York
September 27, 1814	James Monroe	Virginia
March 8, 1815	W. H. Crawford	Georgia
April 7, 1817	G. Graham	Virginia
March 5, 1817	J. Shelby	Kentucky
October 8, 1817	J. O. Calhoun	South Carolina
March 7, 1825	J. Burbour	Virginia
May 26, 1828	P. B. Porter	Pennsylvania
March 9, 1829	J. H. Eaton	Tennessee
August 1, 1831	Lewis Cass	Ohio
March 3, 1837	B. F. Butler	New York
March 7, 1837	J. R. Poinset	South Carolina
March 5, 1841	James Bell	Tennessee
September 13, 1841	John McLean	Ohio
October 12, 1841	J. C. Spencer	New York
March 8, 1843	J. W. Porter	Pennsylvania
February 15, 1844	W. Wilkins	do
March 5, 1845	William L. Marcy	New York
March 7, 1849	G. W. Crawford	Georgia
July 20, 1850	E. Bates	Missouri
August 15, 1850	C. M. Conrad	Louisiana
March 5, 1853	Jeff Davis	Mississippi

SECRETARIES OF THE NAVY.

May 3, 1798	G. Cabot	Massachusetts
May 21, 1798	B. Stoddart	do
July 15, 1801	R. Smith	Maryland
May 3, 1805	J. Crowninshield	Massachusetts
March 7, 1809	P. Hamilton	South Carolina
January 12, 1813	W. Jones	Pennsylvania
December 17, 1814	B. W. Crowninshield	Massachusetts
November 9, 1818	Smith Thompson	New York
September 1, 1823	John Rogers	Massachusetts
September 16, 1823	S. L. Southard	New Jersey
March 9, 1829	John Branch	North Carolina
May 23, 1831	L. Woodbury	N. Hampshire
June 30, 1834	M. Dickerson	New Jersey
June 20, 1833	J. K. Paulding	New York
March 5, 1841	G. F. Badger	North Carolina
September 13, 1841	A. P. Upshur	Virginia
July 24, 1843	D. Henshaw	Massachusetts
February 12, 1844	T. W. Gilmer	Virginia
March 14, 1844	James T. Mason	do
March 10, 1845	G. Bancroft	Massachusetts
September 9, 1846	James Y. Mason	Virginia
March 7, 1849	W. B. Preston	do
July 20, 1850	A. A. Graham	North Carolina
July 22, 1852	J. P. Kennedy	Maryland
March 5, 1853	J. C. Dobbin	North Carolina

SECRETARIES OF THE INTERIOR.

March 7, 1849	T. Ewing	Ohio
July 20, 1850	J. A. Pearce	Maryland
August 15, 1850	T. M. T. McKenney	Pennsylvania
September 12, 1850	A. H. H. Stuart	Virginia
March 5, 1853	R. McClelland	Michigan

ATTORNEY GENERALS.

September 26, 1789	E. Randolph	Virginia
June 27, 1794	W. Bradford	Pennsylvania
December 10, 1795	C. Lee	Virginia
February 20, 1801	T. Parsons	Massachusetts
March 5, 1800	L. Lincoln	do
March 2, 1805	R. Smith	Maryland
December 23, 1805	J. Breckinridge	Kentucky
January 12, 1807	C. A. Rodney	Pennsylvania
December 11, 1811	W. Pinkney	Maryland
February 10, 1814	R. Rush	Pennsylvania
November 13, 1817	W. Wirt	Virginia
March 9, 1829	J. McPherson Berrien	Georgia
July 20, 1831	Roger B. Taney	Maryland
November 15, 1833	B. F. Butler	New York
July 7, 1838	F. Grundy	Tennessee
January 10, 1840	H. D. Gilpin	Pennsylvania
March 5, 1841	J. J. Crittenden	Kentucky
September 13, 1841	H. S. Legare	South Carolina
July 1, 1843	John Nelson	Maryland
March 5, 1845	J. Y. Mason	Virginia
October 17, 1846	N. Clifford	Maine
June 21, 1848	Isaac Toucey	Connecticut
March 7, 1849	R. Johnson	Maryland
July 20, 1850	J. J. Crittenden	Kentucky
March 5, 1853	C. Cushing	Massachusetts

THE JUDICIARY.

SUPREME COURT OF THE UNITED STATES.

Term of Office during good behavior.

OFFICE.	NAME.	STATE.
Chief Justice	Roger B. Taney	Maryland
Associate Justice	John McLean	Ohio
"	James M. Wayne	Georgia
"	John Catron	Tennessee
"	Peter V. Daniel	Virginia
"	Samuel Nelson	New York
"	Robert C. Grier	Pennsylvania
"	Benjamin R. Curtis	Massachusetts
"	John A. Campbell	Alabama

THE NEW CABINET.

Secretary of State	Lewis Cass	Michigan
Secretary of Treasury	Howell Cobb	Georgia
Secretary of War	John B. Floyd	Virginia
Secretary of Navy	Isaac Toucey	Connecticut
Secretary of Interior	Jacob Thompson	Mississippi
Attorney General	Judge Black	Pennsylvania
Postmaster General	Aaron V. Brown	Tennessee

Results of a New Discovery.

Men who make a new discovery in science are themselves little aware of the vast results which may follow. The fact is aptly illustrated by Professor J. D. Dana, in the following extract from one of his celebrated addresses, which we find in the American Journal of Education:—

About forty-five years after the twitching of Galvani's frog, the time of blossom and fruit came; and such a succession of benefits from nature never before descended upon the globe in any one ten years.

In 1837, Professor Morse, one of our own number, already setting up his telegraph, bringing into its construction the well known principle of the electro magnet and galvanic battery; and now telegraphic threads, along which thought travels with almost the speed of light, are enveloping a large part of the globe.

About the same time, the fact of a deposition of copper from copper salt became a productive principle. It was found that copper could thus be deposited over an engraved plate, and a perfect copy made of every line and dot. The happy though soon developed into a new art—that of electrotyping. A single engraved plate could thus be indefinitely multiplied, and the original remain unharmed.

But the art was not confined to this purpose alone. Books till then, had been stereotyped by making a plaster cast of a surface of a page set in type, and then taking cast of the lead in the plaster. Now, they take the first cast in wax, cover its surface with powdered black lead, and carry it to the galvanic battery. Then it soon comes out a cast of the page, in copper far more perfect than the old stereotypes, more expeditiously made, and more durable. The Bible House in New York is now full of electrotypes; they scarcely print from anything else. The fine wood engravings so profusely adorning some of the Tract House publications, and many other illustrated works and magazines of the day, are printed from electrotypes alone. Thus the great art of book-making, and therefore the world of mind, and all that is sacred as well as secular, are reaping results from a science that germinated first in that queer little pile of Volta, which in the opinion of the economist of its time, was of no earthly use to anybody.

But if type and engraved plates, and woodcuts may be copied, why not copy other things in the same way? In fact, the process is used for the re-production of works of art; and thus immense establishments now manufacture medals, bronze statues and statuettes, and bas-reliefs in a style of great beauty and perfection, and at moderate cost.

Shortly after the first electrotypes were made, it was observed that the deposition of silver or gold through galvanism, on copper and some other metals, served as a convenient mode of plating, and to-day nearly all the silvering and gilding on metal required by the arts, is done by electroplating. Minutes now stand for hours in the old regime.

Some years ago it was thought if electro-magnetism could move the machinery of the telegraph, and mark down or print off passing thought on paper, it would also register the beats of a pendulum. Or, if so willed, it would repeat the beats of any one clock all over the land, wherever it was sent along wires for the purpose. And already, in some cities, they are beginning to distribute and sell time as they do gas, one single piece timing the town, as one gas establishment lights it. At Versailles they are, this very year, putting time-pieces thus fed, into all the lamps of the lamp-posts along the public streets, which may be read at night as well as day.

To our own country belongs the honor of this application of science. At this moment the astronomical clock at Cambridge beats time in all the railroad depots at Boston; and but a few weeks since the Dudley Observatory at Albany proposed to supply the city of New York with time, the observatory drawing upon the stars for their supply.

The astronomer has other higher uses for the subtle agent, for he makes it his private secretary, requiring it to register on paper the time of his observations, and help map off the heavens. If a strip of a paper has a straight and uniform motion, and as it moves on just touches the point of a stationary pen or pencil, a mark is made on the paper, which obviously would be twice as long for two seconds as for one; and so on. If then, for every second, a mark an inch long were made, every inch would represent a second. Thus seconds may actually be converted into feet, and time may be measured by the yard stick; or with a delicate scale, a second may be sub-divided into tenths and hundredths of a second. This simple and ingenious idea the astronomer applies to his purpose by means of a clock and a telegraphic apparatus; and now, instead of counting the ticks of his clock, he touches his key at the moment of a transit, or other events in the heavens; this makes a check on the paper, and so marks the precise time, even to a minute fraction of a second. The observations thus made are not only vastly more accurate than those on the old plan, but may follow one another with incredible rapidity; so that in one night, more work can be done than before in a month.

This invention, the work mainly of American minds, by which electro-magnetism has become the astronomer's most faithful assistant, is now introduced into some of the best observatories of Europe.

The difference of longitude between points over this continent, and between Greenwich and the observatories of Europe, has been ascertained by the same means and with like accuracy. This, too, was an American suggestion. And when the telegraph wires now in progress are laid across the Atlantic, the difference of longitude between Washington and Greenwich will be as exactly known. Who imagined fifty years since, that the galvanic fluid would help us measure distance

on the earth, and that the geographer would have cause to bless the lightning as well as the stars!

With equal facility this agent has been adapted as I have said, to the fire alarms of a city.—Where employed, one man may strike every bell in the city, though miles apart, at the same instant, and a slight movement of the finger is all the power he exerts; at one tap the ringing begins, and it continues without further effort. At the same time, too, instantaneous notices of the place of fire may be sent to every engine house.

The same agent is playing the errand-boy in the hotels, displacing the brazen tongued messengers that were regularly kept on file in the office.

All these—and more results might be added—are developments from that unforeseen force which Galvani and Volta were the first on record to recognize.

ANNUAL SUMMARY OF RUSSIAN GEOGRAPHICAL LABORS.—John Disturnell, Esq., read a summary of the geographical labors of the Russians in Upper Asia for the year, lately communicated by M. Moravieff to the Geographical Society of Russia. The most important was the exploration of the Amur river, by M. M. Rochkoff and Petchouevot. This vast river flows through Chinese Tartary, has not hitherto been surveyed and is very loosely located on even the best maps. It rises in the mountains of Siberia, east of Lake Baikal, and flows eastwardly through the immense district of Mantchouvia into the Sea of Ochotsk, in 53 degrees north latitude.

Its length is 2,200 miles, being about as large as the Mississippi. An exploration and scientific survey has been made of Lake Baikal, the largest body of fresh water on the Asiatic continent. It is situated in Southern Siberia, between latitude 51 degrees and 56 degrees north, and between longitude 103 degrees and 109 degrees east. It is about 370 miles in length, 45 miles average width, about 900 miles circuit—somewhat larger than Lake Erie. Its depth is very remarkable, as it is surrounded by high mountains. The river Angora, its outlet, joins the Yenisei river, and flows north until it reaches the Arctic Ocean, making, in its total length another of the great rivers of the world—some 2,600 miles. Through its channel an immense volume of water is emptied into the bay of Yenisei, and thence into the Sea of Kara, in north latitude 73 degrees, east longitude 85 degrees, being 6 degrees 30 minutes within the Arctic circle.

Owing to its Arctic outlet it is rendered impractical commercially, although it is the largest river flowing into the Arctic seas from either continent. A survey of the valley of the Manitch and of the fisheries of the Caspian Sea has been made by M. Baer. The river Manitch is 315 miles in length, empties itself into the Don, and so finds its way to the Sea of Azov. An exploration and survey have also been made of the great valleys of the Angora and the Neraba, by M. M. Orloff and Ousoltsoff.

The Angora is one of the tributaries of Lake Baikal and its outlet the Yenisei. These extensive geographical enterprises, which will contribute largely to a more definite knowledge of the great interior of the hitherto little known eastern regions of the Asiatic continent, have been prosecuted under the liberal patronage of the Russian government. A geographical and scientific survey of Eastern Siberia is now under way, and will be produced under the supervision of M. Ousoltsoff. Geographical detail in relation to this region has hitherto been little more than a blank.

Mr. Disturnell read also some geographical details in relation to the Sea of Ochotsk and its islands and shores, furnished by an American sailor.

BUSINESS NOTICES.

Sawyer Wanted.

DAVIS, WOOLLEY, WILLIAMS, & Co., wish to obtain a person acquainted with running circular saws, to run their mill in Little Cottonwood Canyon. Apply at the mill or of N. Davis, or J. M. Woolley in the city. 19-3

Territorial and County Taxes

ARE now due, and prompt payment is requested previous to the 1st of September next, in territorial or county orders, or cash, as the law directs, at my office, N. W. corner of Council House. After that date payment must be enforced immediately with costs. S. RICHARDS, Ass't & Col'r G. S. L. Co. 18-3

W. BALLAN,

WATCH-MAKER, respectfully informs the inhabitants of Great Salt Lake City and vicinity, that he intends carrying on his business in the house formerly occupied by A. L. Hale, North Temple st., 17th ward, and will warrant all work done by him to give satisfaction, as he understands his business in all its branches. Jewelry neatly repaired; charges very moderate. 43-tr

NAILS! NAILS! NAILS!!!

D. SABIN has Machinery in operation for making all kinds of Nails to order. He will exchange Nails for Wheat, Corn, Potatoes, and other Produce. Come on with it—now is the accepted time! 44-tr

WANTED!—Tire and Band Iron, for which he will pay in Nails or work in his shop.

Encourage Home Manufactures! 44-tr

Valuable Property for Sale.

THE TANNERY and SHOE STORE with all the other property from Standish's blacksmith shop to Clement's brush factory on south Temple Street.

A valuable 5 acre pasture lot joining the city on the state road. One corner lot in 10th Ward. Also several rich garden lots in the 7th and 8th Wards with dwellings on them. This property will be exchanged for the following description:—1,600 to 2,000 dollars of blacksmith work, and castings for mill purposes; 700 or 800 lbs of old castings, 3,000 lbs. of assorted nails; a large amount of good pine lumber; 14,000 good shingles; any quantity of bark, oil, or hides, work cattle, cows, or young stock; horses, mules, sheep, hogs, 40,000 to 60,000 adobies, masonry, millwright, Joiner and laboring work; also buckskins, and clothing of all sorts taken for pay. Apply to Samuel Mulliner, city residence or at Spring Creek near Lehi, U. V. N. B. Two good canyon teamsters wanted immediately. 19-3

LOST, STRAYED, &c.

Herd Boys--Attention.

LOST on June 27th, in the pasture north of Allen's, by herd boy, a dark brown COW, hole in left ear, and I believe branded M. S., 6 or 6 years old. I will pay liberally for her recovery. 18-3 S. M. BLAIR.

SHEEP, CATTLE & HORSES

WILL be taken by us on Bingham Creek south to herd or raise on shares, at the usual rates, length of time immaterial with us. We shall prepare to feed our stock when necessary during the winter. (7tr) BLAIR & BROTHER.

STOLEN OR STRAYED,

JUNE 1st, from the 16th and 19th Ward Pasture, G. S. L. City, three Indian PONIES; one bay stud, one bay mare, and one roan mare, belonging to Antonio V. Yeahó Yampah, Ute Chief. Any information will be thankfully received; please call on D. B. Huntington. 16tr

Cows, Sheep and Herding.

I AM now keeping a herd at Santaquin (or Summit creek) and prepared to take cows and sheep on shares, or any kind of stock to herd, both summer and winter, and to make myself responsible for all losses sustained by neglect or mismanagement. I will give one half the butter, cheese and increase from cows; and one half the wool and two thirds the increase from sheep, and will deliver without expense the butter, cheese and wool as it becomes due. Our range for stock, both for summer and winter, is unsurpassed in the valleys of these mountains. Those in or near G. S. L. City having stock to let or to be herded can inquire of or leave; their stock with D. T. Le Baron, Mrs. A. W. Babbitt's residence, G. S. L. City; and any one desiring to trade sheep for good work oxen can by him be accommodated. 6tr B. F. JOHNSON.

FOR SALE CHEAP.

ONE SET OF SAW-MILL IRONS with saw. Apply to Z. PULSIPHER, 19-3 16th Ward.

LOOK HERE!!!

PERSONS TO WHOM I HAVE loaned wagons will please return them immediately 19-2 W. H. HOOPER.

WAGONS EXCHANGED.

HEAVY AND LIGHT WAGONS exchanged for Stock on early application to GILBERT & GERRISH. 51tr

WANTED.

IN exchange for Home Made Hats, Lamb and Sheep WOOL, for which a good price will be paid. Also for Wolf, Beaver, Otter, Rabbit and other furs. JAMES SHELMEIDINE, Hatter, Emigration st., one block east of the State road, 8th ward. 18-2m

Turnip Seed for Sale.

ENGLISH White Stone, and improved Purple Top, Ruta Baga Turnip Seed, of this year's growth, for sale for cash or exchange for country produce, at the usual price at the garden of B. SAYERS, 12th Ward. P. S. Wanted to purchase a pig, for which I will pay a good price in exchange for seeds. E. S. 18-3

REMOVAL.

FROM and after the 20th inst., I shall be doing business in the store formerly occupied by Enoch Reese, sign of the Plough, where I shall be happy to see my old friends and customers.

I have on hand a good Stock of Goods, especially in the Woollen line, and expect to recruit with Staple Goods this fall. I am still buying, and making out papers for Land Warrants. I shall continue to buy Cattle from one year old to eight, for which liberal prices will be paid. Call and see. 14-3m W. H. HOOPER.

Important to Shoemakers.

WE wish to inform the inhabitants of the city and Territory that we are manufacturing SHOE PEGS, superior to any ever made in the Territory before, and not inferior to the imported. We have on hand a supply of the various sizes, which we offer for sale in large or small quantities at Bird's Cabinet shop, on West Temple street, one and a half blocks south of the Tabernacle, where we continue to manufacture Cabinet and Chair work as usual, also Joiner Work, Pattern making and Wood Turning in general. 11-3m BIRD & DINWOODEY.

ADMINISTRATOR'S NOTICE.

HAVING BEEN APPOINTED ADMINISTRATOR of the Estate of Thomas Tennan deceased, by the Judge of the Probate Court for Great Salt Lake county, the undersigned hereby requests all persons knowing themselves indebted to said estate, to come forward without delay and cancel the same, and those having demands against said estate will please file them with the Judge of the aforesaid Court, properly authenticated, as soon as circumstances will permit and within the time specified by law. DANIEL SPENCER, Administrator. 44tr

ADMINISTRATORS NOTICE!

THE undersigned having been appointed by the Judge of Probate for Great Salt Lake county Administrators of the Estate of A. W. Babbitt, deceased, hereby notify all persons knowing themselves indebted to said estate to come forward without delay for settlement; and all persons having claims against said estate will please file them with the Hon. Elias Smith, Probate Judge, on or before the first day of June, A.D., 1857. JULIA ANNE BABBITT, W. H. HOOPER, BENJ. F. JOHNSON, Administrators. 42-tr

MEDICAL NOTICE.

J. L. DUNYAN, Physician and Surgeon; residence north west corner 14th Ward, G. S. L. City. Dr. Dunyan will attend to the practice of his profession in this city and county, at all hours of the day or night. His practical experience as a physician, and reputation as such among this people in former days is well known and understood. His treatment embraces every principle that his experience has proved safe and effectual. He anticipates by strict attention to business to receive the patronage and confidence of his brethren.

On the receipt of letters (post paid) containing a full description of disease, age and sex, Dr. D. will send advice and prescriptions. Person afflicted with ulcers, cancers, fever, sores, scrofula, salt rheum, tetter, fits, palsy, rheumatism, affections of the kidneys and liver, gravel, tic doloureux, Saint Vitus' dance, consumption, dyspepsia, general female debility and sterility and derangement would do better to board in the city for a short time, where they can be treated with electricity and such other means as would be necessary to effect a cure.

All kinds of produce, orders on Tithing office and labor on Public Works, received for fees.

References:—Edward Hunter, Wilford Woodruff, Jos. Young, Anthony Evans, W. S. Godbe, John Young, Jesse W. Fox, John Nebeker, Wm. Clayton, Philemon Merrill. 8-6m