

UTAH'S SALT SUPPLY.

How it is Secured on the Shores of Great Salt Lake.

From the Salt Lake Tribune. Few people realize the importance of the salt interest in Utah and the immense proportions the industry of collecting, mining and marketing this article is likely to assume. The source of supply is Great Salt Lake, which is simply a big sea of brine. Its greatest width is about forty-three miles, while it extends north and south ninety-three miles, with a depth ranging from a few feet to sixty feet. This body of water being impregnated with salt so as to range, in different portions, from 12 to over 20 per cent. will probably average throughout the entire lake over 15 per cent. salt, making a quantity so vast as to be almost beyond computing. The extent to which salt has been manufactured or collected in the past bears no comparison with what may be done in this line, and yet the past operations have been on a large scale.

In 1859 there were collected and shipped from the lake about 14,000 tons, and in 1881 the amount was about the same. Last year the product reached about 15,000 tons, making for the three years 43,000 tons. This at \$5 per ton makes \$215,000. This vast quantity was all collected by solar evaporation—a system costing very little to operate.

The manner of collecting salt at the lake consists simply in first selecting a suitable space, where the shore is so low as to overflow at times. This overflow may result from a rise in the lake by the influx of fresh water in the spring and early summer, or by the wind blowing in one direction for several days, causing the water to "bank up" and overflow the lagoons or low shore lands. Such lands having been prepared by throwing up low walls to retain the water when once in, these walls having openings to permit its flow, thus retaining the brine. In such a climate as this, the water soon evaporates, leaving the salt in white crystals covering the bottom of the basins, and it is an easy matter to break these up with shovels and load into wagons for the market.

A Boston woman has just completed a \$20,000 mansion entirely on the proceeds from the sale of doughnuts.

Don't wear dingy or faded things when the ten-cent Diamond Dye will make them as new. They are perfect and cost but 10 cts.

Many who never complain are nevertheless seriously ill. Use Brown's Iron Bitters and there will be no cause of complaint.

The cheapest and prettiest collars and cuffs are the Carolithion. Try them and see for yourself.

25c buys a pair of Lyon's Patent Heel Stiffeners, makes a boot or shoe last twice as long.

For dyspepsia, liver complaint and general debility, Allen's "Iron Tonic Bitters" are without a rival. They are a powerful tonic and act upon the system like magic. We can say nothing that will equal the universal favor with which they are received. Every bottle of the genuine bears the signature of J. P. Allen, St. Paul, Minn.

Nervousness, Nervous Debility, Neuralgia, Nervous Shock, St. Vitus Dance, Prostration, and all Diseases of Nerve Generative Organs, are all permanently and radically cured by Allen's Brain Food, the great botanical remedy. \$1 pkg., 6 for \$5.—At druggists, and Allen's 315 First Ave., N. Y. City.

Why Don't You Try It? Try what? Why Dr. Halliday's Blood Purifier; for kidney complaints, urinary diseases and nervous debility, it has no equal. Sold by all druggists. Noyes Bros. & Cutler, wholesale agents, St. Paul, Minn.

Dose Cup. Advertisement in another column.

A alarming increase of dyspepsia in both sexes is noticed by physicians. Americans, and especially New Yorkers, eat too fast.

\$66 a week in your own town. Terms and 50 cent free. Address H. HALLERT & Co., Portland, Me.

\$72 a WEEK, \$12 a day at home easily made. Complete outfit free. Address T. & Co., Augusta, Me.

Lady Agents can secure permanent employment and good salaries. Address Queen City Suspender Co., Cincinnati, O.

ELASTIC TRUSS for hernia, sciatica, etc. Address EGGLESTON TRUSS CO., Chicago, Ill.

THE SUN A MILLION A WEEK. No other newspaper published on this side of the earth is so widely read and so generally appreciated. Address W. W. ENGLAND, Publisher, New York City.

DOSE CUP & CORE-SCREW, the invalid's boon and nurse's delight. Address EGGLESTON TRUSS CO., Chicago, Ill.

"THE BEST IS CHEAPEST." ENGINES, THRESHERS, SAW-MILLS, Horse Powers. Address F. W. HILL, Mansfield, Ohio.

\$5 to \$20 per day at home. Samples worth \$5 free. Address STRONG & Co., Portland, Maine.

SURE CURE for Epilepsy or Fits in 24 hours. Free to poor. Dr. Kruse, 2844 Arsenal St., St. Louis, Mo.

TREE SEED. We have in stock a full supply of all varieties. We make a specialty of seed suitable for the prairie lands of the Northwest. Send 10c for full instructions for growing trees from seeds, and other valuable information.

HIRAM SIBLEY & CO., SEEDSMEN, Chicago, Illinois.

STRICTLY PURE HARMLESS to the MOST DELICATE.



This engraving represents the Lungs in a healthy state.

THE GREAT REMEDY FOR CURING Consumption, Coughs, Colds, Croup, AND OTHER THROAT and LUNG AFFECTIONS.

It Contains no Opium in Any Form.

Recommended by Physicians, Ministers and Nurses. In fact by everybody who has given it a good trial. It never fails to bring relief.

Caution.—Call for Allen's Lung Balm, and shun the use of all remedies without its name. As an Expectorant it has No Equal.

FOR SALE by all MEDICINE DEALERS.



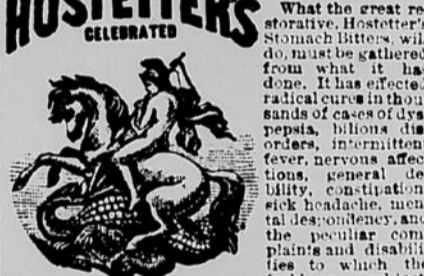
BALL'S CORSETS

Every Corset is warranted satisfactory to its wearer in every way, or the money will be refunded by the person from whom it was bought.

The only Corset pronounced by our leading physicians not injurious to the system, and endorsed by ladies as the most comfortable and perfect fitting Corset ever made.

PRICES, by Mail, Postage Paid: Health Preserving, \$1.50. Self-Adjusting, \$1.50. Abdominal (extra heavy), \$2.00. Nursing, \$1.50. Health Preserving (see cut) \$3.00. Parasol Skirt-Supporter, \$1.50.

For sale by leading Retail Dealers everywhere. CHICAGO CORSET CO., Chicago, Ill.



HOSTETTER'S BITTERS

What the great restorative, Hostetter's Bitters will do, must be gathered from what it has done. It has effected radical cures in thousands of cases of dyspepsia, bilious disorders, intermittent fever, nervous affections, general debility, constipation, indigestion, mental depression, and the peculiar complaints and disabilities to which the feeble are so subject. For sale by all Druggists and Dealers generally.

ECZEMA, TETTERS, HUMORS, PIMPLES,

Diseases of Hair and Scalp, INFLAMMATION, ERUPTIONS, ULCERS, ITCHINGS.

ALL VANISH BY USE OF DR. C. W. BENSON'S SKIN CURE.

PATENTS NO PATENT, NO PAY. R. S. & A. P. LACEY, Patent Attorneys, Washington, D. C. Full instructions and hand-book on PATENTS SENT FREE.

NEW ENGLAND CONSERVATORY OF MUSIC.

MUSIC TAUGHT in all its branches, by noted Professors in each department.

FINE ARTS, Drawing, Painting and Modelling. Address VALERIE SMITH, Principal.

ENGLISH BRANCHES, a full course. Experienced teachers.

LANGUAGES, German, French and Italian. Native teachers.

ELOCUTION and Dramatic Action, Platform Etiquette, Musical Declamation, and the best opportunity for public introduction. S. R. KELLEY, Principal.

HOME ACCOMMODATIONS. Elegant appointments, for 250 lady students, in the heart of Boston, the Musical, Literary, and Artistic centre of America.

UNPARALLELED FREE advantages in concerts, recitals, lectures, library, etc.

EVERY STATE in the Union is represented among its students.

SUMMER TERM begins APRIL 23, 1883. Rooms may now be secured.

A MID-SUMMER SESSION beginning JULY 1, 1883. Address Circular free.

E. TOURJEE, Franklin Square, Boston.

THE OLDEST MEDICINE IN THE WORLD. It probably Dr. ISAAC THOMPSON'S CELEBRATED EYE WATER. This article is a carefully prepared physician's prescription and has been in constant use for nearly a century, and notwithstanding the many other preparations that have been introduced into the market, the sale of this article is constantly increasing. If the directions are followed, it will never fail. We particularly invite the attention of physicians to its merits.

JOHN L. THOMPSON, SON & CO., Troy, N. Y.

THOMPSON'S CURE FOR CONSUMPTION

"Rough on Rats."

Cleans out rats, mice, roaches, flies, ants, bed-bugs, skunks, chipmunks, gophers. 15c Druggists.

Topka, Kas., elected J. C. Wilson, prohibitionist, mayor.

Ten years ago the name of Lydia E. Pinkham was scarcely known outside of her native state. To-day it is a household word all over the continent and many who read the secular and religious journals have become familiar with the face that shines on them with a modest confidence, in which we read the truth that "Nothing will can dwell in such a temple."

Carl Heinberg was found dead in bed at his home in Jordan.

Buchupalpa.

Quick, complete cure, all annoying Kidney, Bladder and Urinary Diseases. \$1. Druggists.

The Apaches have whipped the United States in an engagement in Arizona.

For the complete cure of a cough, pains in the chest, difficulty of breathing, and all other lung diseases which tend to consumption, you will find Allen's Lung Balm a complete remedy. Sold by all druggists.

Gillas, a banker at Clifton Springs, N. Y., has failed and fled. He is said to have put out \$30,000 in forged paper.

Skinny Men.

"Wells' Health Renewer" restores health and vigor, cures Dyspepsia, Impotence, Sexual Debility. \$1.

Erickson, found dead nine miles north of Moorehead, had undoubtedly been killed with an ox yoke found near him.

From China to Peru and back again a thousand times in a night, will the mind of the nervous sufferer travel, while blessed sleep forsakes his eyes. He can enjoy sweet rest by the use of Dr. Benson's Celery and Chamomile Pills. Sold by all druggists.

When you don't just know what ails you; when you feel aches and pains all over; when you feel tired and faint, use Brown's Iron Bitters. A wonderful reviver.

A Life Doubly Assured.

A resident of Bangor, Maine, mentions incidentally that three months ago a New England life-insurance company refused to grant him a policy on the ground that he was consumptive. "But," he adds, "thanks to the healing properties of Hales Honey of Horehound and Tar, my lungs are now perfectly sound, and I yesterday passed a medical examination, without any objection being made, and insured my life for \$5,000." Of druggists generally.

Pink's Toothache Drops cure in one minute.

A pure, radiant complexion is one of woman's greatest charms. It is attainable by the daily use of Glenn's Sulphur Soap, which removes blemishes of the skin, of every description.

Preventive of Malarial Disease.

Opinion of Eminent Dr. H. R. Walton, of Annapolis, Md.

"Colden's Liquid Beef Tonic is a most excellent preparation. It is, par excellence, superior to cod-liver oil or anything I have ever used in wasted or impaired constitutions, and extremely beneficial as a preventive of malarial diseases." (Remember the name, Colden's—take another.) Of druggists generally.

Consumption Cured.

An old physician, retired from practice, having had placed in his hands by an East India missionary the formula of a simple vegetable remedy for the speedy and permanent cure for Consumption, Bronchitis, Catarrh, Asthma and all throat and Lung Affections, also a positive and radical cure for Nervous Debility and all Nervous Complaints, after having tested its wonderful curative powers in thousands of cases, has felt it his duty to make it known to his suffering fellow-men. Actuated by this motive and a desire to relieve human suffering, I will send free of charge to all who desire it, this recipe, in German, French, or English, with full directions for preparing and using. Sent by mail by addressing with stamp, naming this paper, W. A. NOYES, 149 Power's Block, Rochester, N. Y.

For Colds and Sore Throat, no more useful article can be found than the well-known "Brown's Bronchial Troches." Sold only in boxes.

Personal—Men Only.

The Voltaic Belt Co., Marshall, Mich., will send Dr. Dye's Celebrated Electro-Voltaic Belts and Electric Appliances on trial for thirty days to men (young or old) who are afflicted with nervous debility, lost vitality and kindred troubles, guaranteeing speedy and complete restoration of health and most vigor. Address as above. N. B.—No risk is incurred, as thirty days' trial is allowed.

For Dyspepsia, Indigestion, Depression of Spirits and General Debility, in their various forms, also as a preventive against Fever and Ague, and other Intermittent Fevers, the "Ferro-Phosphoric Elixir of Calisaya," made by Messrs. Hazard & Co., New York, and sold by all Druggists, is the best tonic and for patients recovering from Fever or other sickness, it has no equal.

He Wished all Privileges.

From the St. Louis Globe-Democrat.

The other day a lank young man from the country, accompanied by a good-looking young woman, arrived in the city and stopped at the largest hotel.

"I want you to do the best you kin for us," said the young man to the clerk.

"We're just married and we want to splurge a little. Down in my country I'm the boss. I kin lift agin any man in the country, and kin split more rails in a day than anybody senepter knock-kneed Bill, the old Guinea nigger that works on the Ledge Sanders place. Tell us where our room is, please. But I reckon we'll take the range of the big room whiar all dem big lookin' glasses is a-shinin'."

"Do you mean the parlor?" asked the clerk, twisting one of his diamond shirt studs.

"Yes, the parlor."

"Certainly, sir."

The young man and wife followed a grinning negro and ascended to the parlor. Shortly afterward the clerk, passing the parlor door, saw Rube throw his arms around his bride and kiss her.

"Here," said the official, "none of that. If you want to stay in this room you have got to behave yourself."

"Ain't I got a right to kiss her," said the young man?

"Yes, but not here."

"I've got a right to kiss her here or any whar else. She's mine, ain't you, Julie?"

"Yes, Ruble."

"That settles it. Put it right thar," and puckering up his mouth, he received a loud, resounding smack. "The law of Arkansas says you can put her thar, so put her thar again, Julie. Now mister man—but the clerk had vanished, and Rube, turning to his wife said: "After a while you will find out that I am a hero and a boss. Put her thar again, Julie."

This must have been a prosperous winter for doctors and undertakers.

FREE Send us your name and P. O. Address on a postal card, and we will forward to you by return mail our Spring and Summer Price List for 1883, with accurate and complete rules of self-measurement. Address **BOSTON ONE-PRICE CLOTHING HOUSE,** Cor. Third and Robert Streets, St. Paul, Minn. The Largest Exclusive Retail Clothing, Hat, Cap and Furnishing Goods House in the State. Goods forwarded C. O. D. to any portion of the West with privilege of examination before paying for them. B. O. P. C. H. Established 1870.

SEEDS Do you want Beautiful Flowers? Do you want Thrifty Vegetables? Seeds that are pure and fresh? Send for beautiful Catalogue, and buy Joy's Minnehaha Seeds. You can get them quickly by mail. You can get them cheaply by express. My Catalogue will be mailed free to all who apply. Send your name and address on a postal card to T. M. Joy, Minneapolis, Minn.

Failing! That is what a great many people are doing. They don't know just what is the matter, but they have a combination of pains and aches, and each month they grow worse. The only sure remedy yet found is BROWN'S IRON BITTERS, and this by rapid and thorough assimilation with the blood purifies and enriches it, and rich, strong blood flowing to every part of the system repairs the wasted tissues, drives out disease and gives health and strength.

This is why BROWN'S IRON BITTERS will cure kidney and liver diseases, consumption, rheumatism, neuralgia, dyspepsia, malaria, intermittent fevers, &c. 203 S. Paca St., Baltimore, Nov. 28, 1883. I was a great sufferer from Dyspepsia, and for several weeks could eat nothing and was growing weaker every day. I tried Brown's Iron Bitters, and am happy to say I now have a good appetite, and am getting stronger. J. McCRAWLEY.

BROWN'S IRON BITTERS is not a drink and does not contain whiskey. It is the only preparation of Iron that causes no injurious effects. Get the genuine. Don't be imposed on with imitations.

A NOTED BUT UNTITLED WOMAN. (From the Boston Globe.) Mrs. Lydia E. Pinkham, of Lynn, Mass., who above all other human beings may be truthfully called the "Dear Friend of Woman," as some of her correspondents love to call her. She is zealously devoted to her work, which is the outcome of a life-duty, and is obliged to keep six lady assistants, to help her answer the large correspondence which daily pours in upon her, each bearing its special burden of suffering, or joy at release from it. Her Vegetable Compound is a medicine for good and not evil purposes. I have personally investigated it and am satisfied of the truth of this. On account of its proven merits, it is recommended and prescribed by the best physicians in the country. One says: "It works like a charm and saves much pain. It will cure entirely the worst form of falling of the uterus, Leucorrhoea, irregular and painful menstruation, all Ovarian Troubles, Inflammation and Ulceration, Floodings, all Displacements and the consequent spinal weakness, and is especially adapted to the Change of Life." It permeates every portion of the system, and gives new life and vigor. It removes faintness, satulency, destroys all craving for stimulants, and relieves weakness of the stomach. It cures Bloating, Headaches, Nervous Prostration, General Debility, Sleeplessness, Depression and Indigestion. That feeling of bearing down, causing pain, weight and backache, is always permanently cured by its use. It will at all times, and under all circumstances, act in harmony with the law that governs the female system. It costs only \$1. per bottle or six for \$5., and is sold by druggists. Any advice required as to special cases, and the names of many who have been restored to perfect health by the use of the Vegetable Compound, can be obtained by addressing Mrs. P., with stamp for reply, at her home in Lynn, Mass. For Kidney Complaint of either sex this compound is unsurpassed as abundant testimonials show. "Mrs. Pinkham's Liver Pills," says one writer, "are the best in the world for the cure of Constipation, Sluggishness and Torpidity of the Liver. Her Blood Purifier works wonders in its special line and bids fair to equal the Compound in its popularity. All must respect her as an Angel of Mercy whose sole ambition is to do good to others. Philadelphia, Pa. (C) Mrs. A. M. D. SECRET SINS OF SOCIETY! A new and startling Book! 278 pages, in cloth, by mail, \$1.10. General and Special Agents wanted. Good Books; easy terms and good pay. Address at once J. N. MESSERSMITH, 210 Hennepin Avenue, Minneapolis, Minn. OPIUM Morphine Habit Cured in 20 Days. Dr. J. STRANDBERG, Lebanon, Ohio.

FITS A Leading London Physician Establishes an Office in New York for the Cure of EPILEPTIC FITS. From Am. Journal of Medicine. Dr. Ab. Mesorole (late of London), who makes a specialty of Epilepsy, has without doubt treated and cured more cases than any other living physician. His success has simply been astonishing; we have heard of cases of over 20 years' standing successfully cured by him. He has published a work on this disease, which he sends with a large bottle of his wonderful cure free to any sufferer who writes and expresses and P. O. address. We advise any one wishing a cure to address DR. AB. MESEROLE, No. 96 John Street, New York.

YOUNG MEN learn TELEGRAPHY here and we will give you a situation. Circulars free. VALENTINE BROS., Jacksonville, Fla. FREE! By Return Mail—A full description of Moody's New Tailor System of Dress Cutting. D. W. Moody & Co., 31 W. 9th, Cincinnati, O. Is unending and infallible in curing Epileptic Fits, Spasms, Convulsions, St. Vitus Dance, Alcoholism, Opium Eating, Nervous debility, Scrofula and all Nervous and Blood diseases. To Chemists, Lawyers, Literary men, Merchants, Bankers, Ladies and all who require a nerve tonic, appetite stimulant, Samaritan Nerve is invaluable. Thousands of testimonials are the most wonderful in vogue that ever sustained the sinking system. For sale by all druggists. THE DR. S. & CO. MEDICAL CO., Sole Proprietors, St. Joseph, Mo.

SAMARITAN CURES AND NEVER FAILS. NERVE TONIC. THE PACIFIC NORTHWEST! Oregon, Washington & Idaho. Offers the best field for Emigrants—viz.: a mild, equitable, and healthy climate; cheap lands of great fertility, producing all varieties of Grain, Fruit, and all kinds of vegetables in abundance; an inexhaustible supply of Timber; vast Coal Fields, and other mineral deposits; cheap and quick transportation by railroads and river navigation; direct commerce with all parts of the world, owing to its proximity to the Pacific Ocean. NO DROUTHS, NO INSECT PESTS, NO HURRICANES, WHIRLWINDS, OR OTHER DESTRUCTIVE PHENOMENA. The Lands of the Pacific Northwest show an average yield of wheat per acre large in excess of that of any other section of the United States. No failure of crops has ever occurred. Oregon Wheat commands a higher price than that of any other country in the Liverpool market. An immense area of very fertile Railroad and Government Lands, within easy reach of the trunk lines of the Northern Pacific R. R., the Oregon Railway & Navigation, and the Oregon & California R. R. Co.'s and their numerous branches in the great Valleys of the Columbia and its tributaries, are now offered for sale at low prices, and on Easy Terms, or open to pre-emption and Homestead Entry. The great movement of population to the Columbia region now in progress will be enormously increased by the completion of the Northern Pacific R. R. and the Oregon Railway & Navigation Co.'s systems. This renders certain a rapid increase in the value of Lands now open to purchase or to entry under the United States Land Laws. For Pamphlets and Maps, descriptive of the country, its resources, climate, routes of travel, rates and full information, address A. L. STOKES, General Eastern Agent, 52 Clark St., Chicago, Ill.

AUTOVATIC BOBBIN WINDER FREE WITH EACH WHITE SEWING MACHINE. EVERY BOBBIN AS SMOOTH AS SILK. A THIRD MORE THREAD ON EVERY BOBBIN. ADDRESS WHITE SEWING MACHINE CO. CLEVELAND, O. N. W. N. U. No. 15. When writing to advertisers please say you saw their advertisement in this paper.