MAN

WHO IS UNACQUAINTED WITH THE GEOGRAPHY OF THIS COUNTRY, WILL BE BY EXAMINING THIS MAP, THAT THE

CHICAGO, ROCK ISLAND & PACIFIC R. R.

IS THE GREAT CONNECTING LINK BETWEEN THE EAST & THE WEST!

Its main line runs from Chicago to Council Bluffs, passing through Joliet, Ottawa, La Salle, Geneseo, Moline, Rock Island, Davenport, West Liberty, Iowa City, Marengo, Brooklyn, Grinnell, Des Moines (the capital of Iowa), Stuart, Atlantic, and Avoca; with branches from Bureau Junction to Peoria; Wilton Junction to Muscatine, Washington, Fairfield, Eldon, Belknap, Centreville, Princeton, Trenton, Gallatin, Cameron, Leavenworth, Atchison, and Kansas City; Washington to Shenandoah, Oskaloosa, and Knoxville; Keokuk to Farmington, Bonaparte, Bentonsport, Independence, Eldon, Ottumwa, Eddyville, Oskaloosa, Pella, Monroe, and Des Moines; Newton to Monroe; Des Moines to Indianola and Winterset; Atlantic to Lewis and Audubon; and Avoca to Harlan. This is positively the only Road, which owns, and operates a through line from Chicago into the State of Kansas.

Through Express Passenger Trains, with Pullman Palace Cars attached, are run each way daily between CHICAGO and PEORIA, KANSAS CITY, COUNCIL BLUFFS, LEAVENWORTH and ATCHISON. Through cars are also run between Milwaukee and Kansas City, via the "Milwaukee and Rock Island Short Line."

The "Great Rock Island" is magnificently equipped. Its road bed is simply perfect, and its track is laid with steel rails.

What will please you most will be the pleasure of enjoying your meals, while passing over the beautiful prairies of Illinois and Iowa, in one of our magnificent Dining Cars that accompany all Through Express Trains. You get an entire meal, as good as is served in any first-class hotel, for seventy-five cents.

Appreciating the fact that a majority of the people prefer separate apartments for different purposes (and the immense passenger business of this line warranting it), we are pleased to announce that this Company runs Pullman Palace Sleeping Cars for sleeping purposes, and Palace Dining Cars for eating purposes only. One other great feature of our Palace Cars is a SMOKING SALOON where you can enjoy your "Havana" at all hours of the day.

Magnificent Iron Bridges span the Mississippi and Missouri rivers at all points crossed by this line, and transfers are avoided at Council Bluffs, Kansas City, Leavenworth, and Atchison, connections being made in Union Depots.

THE PRINCIPAL R. R. CONNECTIONS OF THIS GREAT THROUGH LINE ARE AS FOLLOWS:

At CHICAGO, with all diverging lines for the East and South.

At ENGLEWOOD, with the L. S. & M. S., and P., Ft. W. & C. R. Rds.

At WASHINGTON HEIGHTS, with P., C. & St. L. R. R.

At LA SALLE, with Ill. Cent. R. R.

At PEORIA, with P., P. & J.; P. D. & E.; I. B. & W.; Ill. Mid.; and T. P. & W. Rds.

At ROCK ISLAND, with "Milwaukee & Rock Island Short Line," and Rock Isl'd & Peo. Rds.

At DAVENPORT, with the Davenport Division C. M. & St. P. R. R.

At WEST LIBERTY, with the B., C. R. & N. R. R.

At GRINNELL, with Central Iowa R. R.

At DES MOINES, with D. M. & P. D. R. R.

At COUNCIL BLUFFS, with Union Pacific R. R.

At OMAHA, with B. & Mo. R. R. R. in Neb.)

At COLUMBUS JUNCTION, with B. C. R. & N. "LP"

At OTTUMWA, with Central Iowa R. R. W., St. L. & Pac., and C. R. & Q. R. Rds.

At KEOKUK, with Tol., Peo. & War.; Wab., St. Louis & Pac., and St. L., Keo. & N.-W. R. Rds.

At CAMERON, with H. St. J. R. R.

At ATCHISON, with Atch., Topeka & Santa Fe; Atch. & Neb. and Cen. Br. U. P. R. Rds.

At LEAVENWORTH, with Kan. Pac., and Kan. Cent. R. Rds.

At KANSAS CITY, with all lines for the West and Southwest.

PULLMAN PALACE CARS are run through to PEORIA, DES MOINES, COUNCIL BLUFFS, KANSAS CITY, ATCHISON, and LEAVENWORTH.

Tickets via this Line, known as the "Great Rock Island Route," are sold by all Ticket Agents in the United States and Canada.

For information not obtainable at your home ticket office, address,

A. KIMBALL, Gen'l Superintendent. E. ST. JOHN, Gen'l Tkt. and Pass'r Agt. Chicago, Ill.

U. P. R. R.

UNTIL FURTHER NOTICE TRAINS will leave and arrive at Ogden daily, as follows:

LEAVE	
Daily	10.30 a.m.
Mixed	5.00 p.m.
Freight	3.30 a.m.
ARRIVE	
Daily Express	6.15 p.m.
Mixed	6.40 p.m.
Freight	2.15 p.m.

Daily connections made at Ogden with Central Pacific R. R., with the Utah & Northern Ry. for points in Northern Utah, Idaho & Montana, and with Utah Central road for Salt Lake City and all points in Southern Utah.

At Green River with stages for Sweetwater mines.

At Cheyenne with the Colorado Division of the Union Pacific for Denver, Leadville, Central, Black Hawk, and all cities, mining camps and pleasure resorts in Colorado.

At Sidney with a daily line of superb Coaches for Deadwood and other points in the Black Hills.

At Omaha with Chicago and Northwestern, Chicago, Rock Island and Pacific, Chicago, Burlington and Quincy, Burlington and Missouri River in Nebraska, Kansas City, St. Joe and Council Bluffs Railroads, and Missouri river line of steamers for all points East and South.

Tickets for sale to all points east at Bankers' House of McCornick & Co., Salt Lake City, also at Union Pacific Railroad Ticket Office in Ogden, at which office berths or sleeping cars can be secured.

THOS. L. KIMBALL, General Ticket Agent, Omaha.

C. H. CLARK, Gen'l Superintendent.

UTAH CENTRAL RAILROAD

PIONEER LINE OF UTAH.

To take Effect January 20th, 1881.

NAME OF STATION.	No. 1 Passenger	No. 3 Passenger	Fare
TRAINS LEAVE			
Salt Lake	7 00	3 40	
*Wood's Cross	7 25	4 05	00
Centreville	7 35	4 15	75
Farmington	7 50	4 30	1 00
Kaysville	8 10	4 50	1 25
ARRIVE AT			
Ogden	9 00	5 40	2 00

NAME OF STATION.	No. 2 Passenger	No. 4 Passenger	Fare
TRAINS LEAVE			
Ogden	9 40	6 20	
Kaysville	10 20	7 10	1 00
Farmington	10 40	7 30	1 25
Centreville	10 55	7 45	1 50
*Woods Cross	11 05	7 55	1 75
ARRIVE AT			
Salt Lake	11 30	8 20	2 00

* Passing places.

MIXED TRAINS.

Leaving Salt Lake City, at 8.30 a.m., arriving at Ogden at 11.30 a.m., leaving Salt Lake at 5.05 p.m., arriving in Ogden at 8 40 p.m. leaving Ogden at 8.15 a.m., arrives in Salt Lake City at 10 a.m., leaving Ogden at 3.30 p.m., arriving in Salt Lake City at 6.45 p.m.

For all information concerning Freight or Passage, apply to JOHN SHARP, Superintendent.

JAMES SHARP, General Freight and Ticket Agent.

UTAH SOUTHERN RAILROAD.

To Take Effect June 13, 1879.

GOING SOUTH.

NAME OF STATION.	No. 1	No. 3	Fare
TRAINS LEAVE	A.M.	A.M.	
Salt Lake	7 00	1 00	
Morgan	7 18	1 20	25
Termonts	7 [illegible]	1 [illegible]	[illegible]
Lincoln	7 [illegible]	1 [illegible]	[illegible]
Sandy	7 [illegible]	1 [illegible]	[illegible]
ARRIVE AT			
Sandy	8 [illegible]	2 [illegible]	[illegible]
LEAVE			
Sandy	8 [illegible]	2 [illegible]	[illegible]
Draper	8 [illegible]	2 [illegible]	[illegible]
Lehi	8 [illegible]	2 [illegible]	[illegible]
American Fork	8 [illegible]	2 [illegible]	[illegible]
Pleasant Grove	8 [illegible]	2 [illegible]	[illegible]
Lindon	8 [illegible]	2 [illegible]	[illegible]
Orem	8 [illegible]	2 [illegible]	[illegible]
Provo	9 [illegible]	3 [illegible]	[illegible]
Springville	9 [illegible]	3 [illegible]	[illegible]
Spanish Fork	9 [illegible]	3 [illegible]	[illegible]
Thistle	10 [illegible]	4 [illegible]	[illegible]
Payson	10 [illegible]	4 [illegible]	[illegible]
Santaquin	10 [illegible]	4 [illegible]	[illegible]
Mona	11 [illegible]	4 [illegible]	[illegible]
Nephi	11 [illegible]	4 [illegible]	[illegible]
ARRIVE AT			
Juab	12 00	5 00	3 00

GOING NORTH.

NAME OF STATION.	No. 2	No. 4	Fare
TRAINS LEAVE			
Juab	2 [illegible]	6 [illegible]	
Mills	2 [illegible]	6 [illegible]	[illegible]
Lemmington	2 [illegible]	6 [illegible]	[illegible]
Riverside	3 [illegible]	6 [illegible]	[illegible]
Deseret	3 [illegible]	6 [illegible]	[illegible]
Oak City	3 [illegible]	6 [illegible]	[illegible]
Leamington	4 [illegible]	7 [illegible]	[illegible]
Hinckley	4 [illegible]	7 [illegible]	[illegible]
Fillmore	4 [illegible]	7 [illegible]	[illegible]
Scipio	5 [illegible]	8 [illegible]	[illegible]
Elsinore	5 [illegible]	8 [illegible]	[illegible]
Sevier	5 [illegible]	8 [illegible]	[illegible]
Salina	6 [illegible]	9 [illegible]	[illegible]
Gunnison	6 [illegible]	9 [illegible]	[illegible]
ARRIVE AT			
Manti	7 [illegible]	9 [illegible]	[illegible]

Nos. 1 and 2 Mixed.

Nos. 3 and 4 Daily.

SAYLES, Superintendent.

JAMES SHARP, General Freight and Ticket Agent.

UTAH SOUTHERN RAILROAD EXTENSION.

To Take Effect November 25, 1880.

STATIONS.	No. 1 MIXED.	MILES.	FARE.
TRAINS LEAVE	A.M.		
Milford	3 00		
Black Rock	4 10	22	1 25
Nesle	6 40	60	2 50
Deseret	7 55	69	3 50
Riverside	8 45	78	4 00
Lemmington	10 00	93	5 00
Mills	11 20	112	5 75
ARRIVE AT			
Juab	12 00	121	6 25

STATIONS.	No. 2 MIXED.	MILES.	FARE.
TRAINS LEAVE	P. M.		
Juab	1 00		
Mills	1 40	9	1 00
Lemmington	3 00	25	1 25
Riverside	4 15	43	2 25
Deseret	5 05	52	2 75
Nesle	6 20	71	3 75
Black Rock	8 20	99	5 00
ARRIVE AT			
Milford	10 00	121	6 25

Nos. 1 and 2 will be run Daily.

For all information concerning Freight and Passage, apply to JOHN SHARP, Superintendent.

JAMES SHARP, General Freight and Ticket Agent.

THE OLD RELIABLE

FORT WAYNE AND PENNSYLVANIA R.R. LINE

CONTINUOUS ALL-RAIL ROUTE! NO CHANGE OF CARS!! ONE ROAD, ONE MANAGEMENT!!!

—FROM— CHICAGO —TO—

Pittsburg, Harrisburg, Baltimore, Washington, Philadelphia and New York.

GREAT SHORT LINE TO BOSTON

Via New York City.

Reaches all Points in Pennsylvania and New Jersey.

PULLMAN PALACE CARS On all EXPRESS TRAINS.

MAGNIFICENT CARS Equipped with the celebrated Westinghouse air brakes and Janney's New Patent Safety Platform and Coupler.

Elegant Eating Houses WITH AMPLE TIME FOR MEALS.

3 EXPRESS TRAINS Leave CHICAGO as follows:

8.30 a.m. Special East Express Except Sunday. With the popular Sleeping Car. Reaches Pittsburg 3.30 a.m.; Harrisburg 11.45 a.m.; Philadelphia 4.00 p.m.; New York 6.45 p.m.; Boston 6.15 p.m.; Baltimore 6.50 p.m. and Washington 9.00 p.m. next day.

5.15 Atlantic Express, Daily. With Dressing Room and Sleeping Car. Reaches Pittsburg 12.15 a.m.; Harrisburg 8.05 a.m.; Philadelphia 6.55 a.m.; New York 9.45 a.m.; special Philadelphia Sleeping Car to Jersey City without change. Leaves Jersey City at 7.00 p.m.; affording Philadelphia Passengers a full night's rest.

9.10 p.m. Night Express Except Sunday. With Dressing Room Sleeping Car. Reaches Pittsburg 7.30 p.m.; Harrisburg 3.55 a.m.; Baltimore 7.45 a.m.; Washington 8.55 a.m.; Philadelphia 6.00 a.m.; New York 10.20 a.m. and Boston 6.40 p.m. Through Baltimore and Washington Sleeping Car on this line.

FARE ALWAYS AS LOW AS ANY OTHER LINE.

Through Tickets for sale at all Principal Points in the West. Ask for them via FORT WAYNE and PENNSYLVANIA LINE.

F. R. MYERS, General Passenger and Ticket Agent, CHICAGO.

EMILE F. CHAFFEE, Attorney at Law. SYDNEY B. LADD, Attorney at Law.

CHAFFEE & LADD, Late Commissioners of Patents.

PATENTS.

PATENTS, CAVEATS & TRADE MARKS Attended to in all its branches in the Patent Office, and in the Supreme and Circuit Courts of the United States. Pamphlet sent free on receipt of stamp for postage.

WASHINGTON, D. C.

CASH.

CASH PAID FOR CLEAN, ALL WOOL Rags, delivered at this Office.

C. N. W. RAILWAY

—THE— Chicago & North-Western RAILWAY

is the Oldest! Best Constructed! Best Equipped! and hence the

LEADING RAILWAY —OF THE— WEST AND NORTHWEST!

It is the Short, Sure and Safe Route between

COUNCIL BLUFFS —AND— CHICAGO, MILWAUKEE

And all points East, such as *Niagara Falls, New York, Philadelphia, Boston, Washington, Baltimore, Pittsburgh, Montreal, Toronto, Detroit, Cleveland.*

At Council Bluffs the Trains of the Chicago & North-Western and the U. P. R'ys depart upon, arrive at and use the same joint Union Depot.

At Chicago, close connections are made with the Lake Shore, Michigan Central, Baltimore & Ohio, Ft. Wayne and Pennsylvania, and Chicago & Grand Trunk R'ys, and the Kankakee and Pan Handle Routes.

PULLMAN PALACE DRAWING ROOM CARS Are run on all through trains of this road.

It is the Only Road between COUNCIL BLUFFS and CHICAGO Upon which is run the celebrated

PULLMAN HOTEL DINING CARS

Insist upon Ticket Agents selling you tickets via this road. Examine your tickets, and refuse to buy if they do not read over the Chicago & North-Western Railway.

If you wish the Best Traveling Accommodations you will buy your Tickets by this route. TAKE AND WILL TAKE NONE OTHER.

All Ticket Agents sell Tickets by this line.

MARVIN HUGHITT, 2nd V. P. and Gen'l Man'r, Chicago.

FOR SALE.

ONE TWO-TON WAGON OR HAY SCALES, new. Apply at this office. One 800-lb. Platform Scale. Apply at this office. d95

S. LATIMER, G. H. TAYLOR, G. ROMNEY, F. ARMSTRONG.

LUMBER YARD —AND— PLANING MILL!

Reduction in Prices!

Utah Red and White Pine of all kinds, Eastern Finishing Lumber, California Red Wood, Utah, Bear River, White Cedar and Red Wood

SHINGLES.

Red and White Rustic, Ceiling, Siding, Lath, Pickets, Flooring,

SASH, DOORS, BLINDS, —AND— Mouldings in Great Variety

Frames of all Kinds Made to Order Very Cheap!

WINDOW GLASS.

Using large quantities ourselves, and dealing directly with the Manufactories in CARLOAD LOTS, we intend keeping a Large STOCK on hand, of the various sizes, for the Public to select from at Very Low Rates.

WOOD TURNING OF ALL KINDS.

LATIMER, TAYLOR & CO., ONE BLOCK EAST OF DEPOT.

TUTT'S PILLS!

AS AN ANTI-BILIOUS MEDICINE are incomparable. They stimulate the TORPID LIVER, invigorate the NERVOUS SYSTEM, give tone to the DIGESTIVE ORGANS, create perfect digestion and regular movement of the bowels.

AS AN ANTI-MALARIAL they have no equal; acting as a preventive and cure for Bilious, Remittent, Intermittent, Typhoid Fevers, and Fever and Ague. Upon the healthy action of the stomach and Liver depends, almost wholly, the health of the human race.

DYSPEPSIA. It is for the cure of this disease and its attendants, SICK-HEADACHE, NERVOUSNESS, DESPONDENCY, CONSTIPATION, PILES, &c., that these Pills have gained such a wide reputation. No remedy was ever discovered that acts so speedily and gently on the digestive organs, giving them tone and vigor to assimilate food. This accomplished, the NERVES are BRACED, the BRAIN NOURISHED, and the BODY ROBUST. Try this Remedy fairly and you will gain a Vigorous Body, Pure Blood, Strong Nerves, and a Cheerful mind.

Price 25c. 35 Murray St., N. Y.

TUTT'S HAIR DYE. GRAY HAIR OR WHISKERS changed to a GLOSSY BLACK by a single application of this DYE. It is perfect, a Natural Color, and acts instantaneously. Sold by Druggists generally, or sent on receipt of $1 to Office, 35 Murray St., New York.

DR. WM. HALL'S BALSAM FOR THE LUNGS.

Cures Consumption, Colds, Pneumonia, Influenza, Bronchial Difficulties, Bronchitis, Hoarseness, Asthma, Croup, Whooping Cough, and all Diseases of the Breathing Organs. It soothes and heals the Membrane of the Lungs, inflamed and poisoned by the disease, and prevents the night sweats and tightness across the chest which accompany it. CONSUMPTION is not an incurable malady. It is only necessary to have the right remedy, and HALL'S BALSAM is that remedy. DON'T DESPAIR of RELIEF, for this benign specific will cure you, even though professional aid fails.

HENRY'S CARBOLIC SALVE

Henry's Carbolic Salve heals burns. Henry's Carbolic Salve cures sores. Henry's Carbolic Salve allays pain. Henry's Carbolic Salve cures eruptions. Henry's Carbolic Salve heals scalds. Henry's Carbolic Salve heals bruises. Ask for Henry's and use no other. BEWARE OF COUNTERFEITS.

Baker's Pain Panacea FOR MAN AND BEAST. For External and Internal Use. The Greatest Pain Reliever of the Age.

Riley's Carbolic Troches, A SURE PREVENTIVE OF Contagious Diseases, Colds, Hoarseness, Bronchitis and Whooping Cough. PLEASANT TO THE TASTE.

French Compound Bitters

Sold by all Druggists.

C. F. RILEY & CO., 24 College Place, New York.

EVENING NEWS.

Friday, May 6, 1881.

Correspondence.

COPENHAGEN, Denmark, April 14, 1881.

Editor Deseret News:

Our beloved brother Gustaf Pettersson departed from this sphere of action yesterday at 15 minutes past five o'clock p.m., after having been confined to his bed of sickness about three months, suffering all the time from a severe attack of lung fever. He had been sinking gradually for several days, but was conscious about what was passing around him until the morning of his death, when his language had become very much confused and his mind was no longer clear. About noon he lost his speech entirely. He died quietly without any apparent pain or much struggle with the destroyer of his mortal body. As long as he could speak he did not seem to comprehend or believe that he should pass away, as his whole desire seemed to be that he might be strong enough to go to Zion with our first company of emigrants. He believed with all his heart that if he only could live to get home to Zion, he would soon get entirely well.

Bro. Pettersson was born in Skedevi, Sweden, Feb. 18, 1850, and embraced the gospel in 1876, being baptized on Feb. 6th of that year. Shortly after he was ordained a Deacon, and on the 13th of October following was ordained an Elder and sent out on his first mission. He continued as a faithful laborer in the vineyard, part of the time presiding over Norlands branch, Stockholm Conference, until the fall of 1878, when he was called to labor at this office, arriving in Copenhagen in September. From that time until he was taken sick, he labored here faithfully and true in every respect, translating for *Nordstjernan* and attending to other business at this office. By his straightforward course, his diligence, humility and perfect willingness to do everything required of him, to the best of his ability, he gained the full confidence and respect of all his brethren, and was very much beloved by us all. He surely could never have passed away in a state better prepared for another life. During his illness we administered to him several times, and every time it seemed to have the effect of lessening his pains and sufferings, but shortly after the sickness would always attack him with renewed force, thus clearly showing to us that it was the Lord's will to call him to labor elsewhere. We, however, did not slacken in our prayers in his behalf until he was gone. Although we do not have any great occasion to mourn when a good man passes beyond the vail, still it produces a peculiar sensation and emptiness when those whom we dearly love and highly esteem pass away from us, and this probably more so when a person is taken away in the prime of youth and actual usefulness.

Prest. Wilhelmsen left this city for Jylland about half an hour before Brother Pettersson's demise; he is gone there to attend conferences in Aalborg and Aarhus, and will return in about two weeks from now.

We completed the revision of the Book of Mormon on the first day of the present month; the printing will also be completed in a short time, and the book be ready for sale about the middle of May. The new Swedish Hymn Book, 3,000 copies, was published a few weeks ago. At the present time we are republishing several of our pamphlets.

The work throughout the mission progresses favorably; in some regions our Elders have even caused considerable stirring up among the people by boldly proclaiming gospel principles, and quite a few have been baptized. In this city our meetings continue to be well attended, and we are constantly blessed with the spirit of testimony. The Elders from Utah are, as a general thing, enjoying good health and are diligent and zealous in their endeavors to spread the truth among the people. Persecutions have not occurred very often of late, although the priests in some parts of Sweden are doing all in their power to hinder the progress of the Elders, but as our brethren have learned to comply with the admonition of the Savior, "be wise as serpents and harmless as doves," they generally manage to escape the traps laid by these sectarian hirelings.

At this Office all is well; we enjoy good health, and glory in our labors. Peace, love and good will exists among us mutually, and we are trying to preach the Gospel by example as well as precepts. We also know that the Lord is with us, as His hand is visible in our success from day to day.

Constantly praying and laboring for the welfare of Zion and the promotion of the great Latter-day work, I remain, your brother in the Gospel of Christ,

ANDREW JENSON.

WASHINGTON, April 30, 1881.

Editor Deseret News:

The fierce contest concerning the recently retired Second Assistant Postmaster-General, occasions more excitement here than even political questions. It is understood that General Brady, the retiring officer will, at an early day put his case in court; to begin suit against some responsible paper which has given currency to charges against him. Your readers understand, of course, that the charges now made against the General, are the same that were investigated by Congress, nearly two years ago. There are no new developments. By a large majority, and without distinction of party, both Houses sustained the officer.

The President has announced his intention—a very laudable one—of instituting inquiry into the manner in which business is conducted in all the departments. There is probably much less actual corruption than is generally supposed, but there is more, much more of irregularity and looseness. A thorough investigation accompanied by a change in bureau officers would result surely in practical and radical reforms.

Many western republican Congressmen are here, said to be engaged in an effort to unite conflicting claims to the Speakership of the next House. The wish is to secure the election of a western man as Speaker, but the indications now are that the East will retain the coveted position.

I wish to call attention again, though it may annoy some of your readers, to the York town celebration in October next. The managers of Virginia's part of the affair are doing all that can be done. Other States than the original thirteen have indicated a disposition to participate one way or another, but there is not as much interest as there should be. The event to be commemorated is not second in importance to any in our history, perhaps not to any in the history of the world. LEM.

A Simple Magic Lantern.

All that is required, says the *Scientific American*, to make a simple magic lantern, is an ordinary wooden packing box, a kerosene hand lamp, with an argand burner, [illegible] glass, [illegible] burning [illegible] of the box [illegible] lens, [illegible] globe, [illegible] with the lamp close to it. The globe is filled with water from which the air has been expelled by boiling.

Now moisten the surface of a piece of common window glass with a strong solution of sulphate of soda or even common table salt, dissolved in water and place it vertically in a little stand or clip in front of the box, so that the light from the lamp will be focussed on it by the globe, which in this case answers as the condenser. The image of the glass will then be projected on a wall or screen of white cloth some distance in front, providing the lens is so placed in the path of the rays of light, a little in advance of the the stand as to focus on the wall or screen. In a few minutes the salt solution on the surface of the glass will begin to crystalize, and as each group of chrystals takes beautiful forms, its image will be projected on the wall or screen, and as it is watched it will grow, as if by magic into a beautiful forest of fern-like trees, and will continue to grow as long as there is any solution on the grass to crystalize. Then, by adding a few drops of any of the aniline colors to the water in the globe, image on the screen will be illuminated by shade of colored light. The order in which the various articles are to be arranged is, lamp, fish globe (both in box), stand holding window glass covered with solution, lens (on another stand), wall or screen.

TOLU ROCK AND RYE

(Trade Mark Secured)

Put up in Quart-Size Bottles for Family Use

COUGHS, COLDS, SORE THROAT, BRONCHITIS, ASTHMA, CONSUMPTION, And All Diseases of THROAT and LUNGS

BALSAM TOLU is relied upon by the Medical Faculty for its healthy and invigorating properties; but it has never been so advantageously combined as by our process of distillation, where all the virtues of the Gum are retained.

Extract from Report of the Commissioner of Internal Revenue

TREASURY DEPARTMENT, OFFICE OF INTERNAL REVENUE, WASHINGTON, D. C., Jan. 29, 1880.

The TOLU ROCK AND RYE has a sufficient quantity of the BALSAM of TOLU to give it all the advantages in pectoral complaints, and rendering it an agreeable remedy to the patient. It may properly be classed as a medical preparation under the provisions of U. S. Revised Statutes, and when so stamped, may be sold by Druggists, Grocers and other persons *without rendering them liable to pay special tax as liquor dealers.*

Yours Respectfully, (Signed) GREEN B. RAUM, Commissioner.

CAUTION. Don'ts be Deceived by unprincipled dealers who try to palm off upon you Rock and Rye in place of our TOLU ROCK AND RYE, which is the only medicated article made, the genuine having a *Proprietary Stamp* with our name on each bottle.

LAWRENCE & MARTIN, PROPRIETORS. 6 Barclay Street, New York. Sold by Druggists, Grocers and Dealers Everywhere.

Zion's Co-operative Mercantile Institution Drug Department, Utah, Wholesale agents who will supply the trade at manufacturing prices, freight added.

(1) d & w eow

ROYAL BAKING POWDER

Absolutely Pure.

Made from Grape Cream Tartar.—No other preparation makes such light, flaky hot breads, or luxurious pastry. Can be eaten by Dyspeptics without fear of the ills resulting from heavy indigestible food. Sold only in cans, by all Grocers.

ROYAL BAKING POWDER CO., New York. d308 1y

FOR SALE.

UNIVERSITY LETTER PAPER AT DESERET NEWS OFFICE.

FRENCH and GERMAN.

HAVING STUDIED THE WORKS OF the best French and German authors or 35 years, and having had a large experience in conversation with natives of both languages, the undersigned will commence classes in the

FRENCH AND GERMAN LANGUAGES,

On the most approved plan, every evening, except Sunday, from 7 to 9 o'clock. Private lessons given if desired. *Terms reasonable.*

J. H. HEMAN, Teacher. First South Street, opposite Continental Hotel, Salt Lake City.

HENRY DISSTON & SONS' CELEBRATED Patent Chisel Point, —AND— SOLID TOOTH CIRCULAR SAWS.

—ALSO—

Pit, Gang, Mill, Cross Cut, One Man, Rip, Hand, Panel, Back, Compass, Pruning, Kitchen, and Butcher Saws

In great variety. For sale by

Z. C. M. I.

A Great Specialty for Scab and Tick on Sheep, also Bed Bugs!

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Which is known to be far Superior to Anything yet Discovered for

KILLING RATS, MICE, INSECTS OR POULTRY.

ANTS, BUGS, COCKROACHES, BLACK Beetles, Fleas on Dogs, Blight and Insects on Plants, Moth in Furs, Tick or Scab on Sheep or Goats; also, on Cattle, etc.

This preparation has been applied with great success against the Insects that attack the Coffee Plants, and would doubtless be equally efficacious with the Tea Plant.

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