

Deere & Comp'y.

MANUFACTURERS OF PLOWS, MOLINE, ILL.

Wholesale Dealers in AGRICULTURAL IMPLEMENTS,

Council Bluffs, Iowa.

WESTERN AGENTS FOR

- Moline Wagon Co.---Farm and Spring Wagons, Deere & Mansur Co.---Corn Planters, Stalk Cutters, &c., Moline Pump Co.---Wood and Iron Pumps, Wheel & Seeder Co.---Fountain City Drills and Seeders, Mechanicsburg Mach. Co.---Baker Grain Drills, Shawnee Agricultural Co.---Advance Hay Rakes, Joliet Manufacturing Co.---Eureka Power and Hand Shellers, Whitman Agricultural Co.---Shellers, Road Scrapers, &c., Moline Scale Co.---Victor Standard Scales, A. C. Fish---Racine Buggies,

AND DEALERS IN All Articles Required to Make a Complete Stock. SEND FOR CATALOGUES.

DEERE & COMPANY,

Council Bluffs, Iowa.

P. BOYER & CO.,

DEALERS IN

HALL'S SAFE AND LOCK CO.

Fire and Burglar Proof

SAFES! VAULTS, LOCKS, &c.

1020 Farnham Street,

OMAHA - - - NEB.

THE JELM MOUNTAIN GOLD

AND

SILVER

Mining and Milling Company.

Working Capital \$1,000,000, Capital Stock \$1,000,000, Par Value of Shares \$250,000.

STOCK FULLY PAID UP AND NON-ASSESSABLE. Mines Located in BRAMEL MINING DISTRICT.

OFFICERS:

DR. J. L. THOMAS, President, Cummins, Wyoming; WM. E. TILTON, Vice-President, Cummins, Wyoming; E. N. HARWOOD, Secretary, Cummins, Wyoming.

TRUSTEES:

Dr. J. L. Thomas, Louis Miller, Francis Levens, Dr. J. C. Watkins, A. G. Dunn, Lewis Zolman, G. H. Falon.

DR. J. L. THOMAS, Authorized Agent for Sale of Stock; Box 444 Omaha, Neb.

FOSTER & GRAY,

—WHOLESALE—

LUMBER, COAL & LIME,

On River Bank, Bet. Farnham and Douglas Sts.,

OMAHA - - - NEB.

WHOLESALE DRUGGISTS.

ISH & McMAHON,

1406 DOUGLAS STREET, OMAHA, NEB.

The Only Exclusive Wholesale Drug House in Nebraska. SPECIAL ATTENTION PAID TO MAIL ORDERS.

STEELE, JOHNSON & CO.,

WHOLESALE GROCERS

AND JOBBERS IN

Flour, Salt, Sugars, Canned Goods, and

All Grocers' Supplies.

A Full Line of the Best Brands of

CIGARS AND MANUFACTURED TOBACCO.

gents for BENWOOD NAILS AND LAFLIN & RAND POWDER CO.

SORGHUM CULTURE.

The Profits and Possibilities of Sugar-Making from this Source.

Philadelphia, Times. Mr. Isaac A. Hedges, of St. Louis, the author of a standard work on the manufacture of sugar from sorghum, and late President of the Mississippi Valley Cane Growers' Association, was in this city yesterday on his return from Washington, where he had been attending the convention called by the Commissioner of Agriculture. A representative of The Record asked Mr. Hedges what the present outlook of the sorghum sugar crop was. He replied that it had passed through a season of unparalleled severity, having been subjected to a drought in the east and west. In addition to the drought, it had suffered from the ravages of the chinch bug, which has almost destroyed it in many sections. "To cap the climax of its misfortunes," said Mr. Hedges, "a wet fall set in that produced a second growth, which had the effect of deteriorating the parent stalk. But notwithstanding all these drawbacks it has proved superior to the corn crop, its ordinary competitor, and there is to-day a greater demand upon it for seed than in any previous season. There are more plans being laid and estimates made for large machinery than in usual years. These are the results of the many comparative successes obtained in the crystallization of sugar, as well as the improved quality of syrups that have been made.

"There are some reports," said the reporter, "that these are grape sugars and not cane sugars. Are these true?" "Such reports would be laughed at in the west," replied Mr. Hedges, "we had at our annual meeting samples of sugar from twenty five or thirty different parties from all points of the compass, the most considerable of which was a lot of four barrels, sent from near Cedar Falls, Iowa. The sugar is a light colored uncrystallized, polarizing 94 per cent, of cane-sugar, and pronounced by the sugar refiners of St. Louis to be too valuable for them to buy for refining, as it is suitable to go directly into the market. This sugar, as well as all the other samples without an exception (one of which was from Western Pennsylvania), was made by men with no scientific education and very little practical experience, and in no single instance was it the result of a direct effort to make sugar, but simply from an effort to make good syrup. I will take occasion to remark further that good syrup making is sugar making.

Reporter—What are the profits of this crop as compared with other crops?"

Mr. Hedges—There is no field crop that will compare with it, when properly managed, even for syrup making. For instance, the cost of cultivating an acre of cane is no greater than that of cultivating an acre of corn. An average yield of cane may be counted at 12 tons per acre. If the farmer sells this to the manufacturer at \$2 per ton, it gives him \$24. He will also have 30 bushels of seed from that amount of cane. This seed is worth for any feeding purpose about the same as corn weighing as much per bushel. It is composed of starch, at least 70 per cent, and other nutritive properties in addition. The labor of cutting and hauling cane to the mill will be more than paid for in the value of seed. Any person may compute the value of corn according to the locality he is in, and compare the two results. To the manufacturer the matter will stand thus: Each ton of cane will yield sixteen gallons of syrup, which would be at the rate of 192 gallons per acre, and sell at 50 cents per gallon in all country places. The cost of manufacturing as reported at our late convention in St. Louis by several parties present ranged from 17 cents to 21 cents per gallon. This will enable any one to see what the profits of its manufacture will be. I should say that in these estimates the cost of the cane has been included. In any case where the crystallization takes place or sugar making is effected the profits will be greatly enhanced.

Reporter—In view of this, what suggestion would you make as a guide to success in this matter?"

Mr. Hedges—Every man engaging in the business should seek knowledge and qualify himself for the work. A man who should attempt to plant a large crop of cane without knowing positively that he could work it up successfully or sell it would be a fit subject for a lunatic asylum. There have been too many efforts from high sources to inflate the agricultural mind on this subject. We must deal more in facts. I am in hopes that our Agricultural Department at Washington will be able to give the people more information on this subject. That is the source to which the people have a right to look. It is due to the present Commissioner of Agriculture to say that he has had no opportunities for obtaining the information that the people demand.

Frightful Misery.

Mr. William Pomroy, of Angus, Me., writes: "I have for a long time suffered from continual constipation, making my life a misery, and causing headaches and frightful cramps. Mr. Thompson, who has been lately visiting Buffalo, induced me to try the Serravallo Balm. It has perfectly cured me." Price 50 cents, trial bottles 10 cents.

A Marvelous Invention for the Prevention of Railway Accidents.

The Philadelphia Press has the following regarding a new invention, which it is claimed will make railroad collisions almost an impossibility: A marvelous invention for preventing railway accidents, which seems in theory and promise to render it possible to make every kind of disaster impossible, has just been perfected by William C. Shaffer, and will in a few days be on exhibition. The invention makes it impossible for trains on the same track to approach within the same distance of an open switch, or a broken rail, or an open drawbridge, or a wreck or standing train, or any other danger, even if human carelessness, and signal-men are drunk or asleep. In short, the human element is removed entirely.

These marvelous results are wrought by electricity and a system of levers, worked automatically by passing trains. The essential features of the apparatus are a current of electricity, generated by a dynamo machine, and sent along one rail for any given distance, as for 100 miles, and a return

wire, strung on poles, to complete the circuit. The current along the rail is interrupted by boxes placed at arbitrary intervals, at every mile along the track, and containing a magnet and an armature. With these the return wire is also connected. The magnet in each box is connected by a wire and rods with a lever by the side of the track. Another lever in the locomotive, as it passes over the lever by the track, depresses it, opens or breaks the circuit which was before closed, deprives the magnet in the box of its attractive force, which had before drawn to it the armature. The armature falls away from the magnet. The train rushes by, and the lever by the track springs up a sin. But the armature, by falling away from the magnet, has thrown out a danger signal by the side of the track and locked a catch which holds the lever by the track rigid, so that it will not yield to the pressure of a following locomotive. Instead, the now immovable lever by the track forces up the lever in the locomotive which is always in the locomotive which is always in the locomotive, but which would have sufficient resistance to force down the lever by the track, had it not been locked by the preceding train. The lever in the locomotive being thus forced up, by its simple mechanical connections, automatically blows the whistle, shuts off the steam, and applies air to the brakes.

Meanwhile the train which passed rushes on, secure from a rear-end collision. It might stop with perfect safety, even if no flagman went back on the track. If it goes ahead, it passes another lever at the next mile, which it also automatically locks, itself and dancet from the rear. When it reaches the second mile, there is a box and lever that lever is locked by the engine as before. But now an ingenious device unlocks the lever two miles back. At each box there is a second lever by the other rail of the track. A projection on the rear car of the passing train strikes this and forces it down. The current in the returning wire is at once closed; the magnet in the box two miles back is once more given its attractive power; its armature is drawn home, and the first lever by the track is unlocked. A following train can now pass this point without interruption, but as it passes it again locks the lever, and so on, and so on from the rear for two miles back. These boxes with their interlocking circuits are placed every mile along the track, and trains are stopped twice if they attempt to approach within two boxes of each other.

Switches are included in the same current. A switch closed and safe leaves the current closed, and does not affect the levers by the track. But, if the switch is misplaced, or if a rail is broken, or a drawbridge opened, the circuit is of course broken. The armatures of the boxes two miles away fall away from their powerless magnets, and the levers by the track are locked and unyielding, and will at once stop any train approaching the danger. The levers, when applied to a single track road, can, of course be electrically connected with other levers two miles ahead of a train as well as two miles behind, so that there will be warning of danger ahead as well as in the rear.

Bucklin's Arnica Salve. The best salve in the world for cuts, bruises, sores, ulcers, salt rheum, fever sores, tetter, chapped hands, chilblains, corns and all kinds of skin eruptions. This salve is guaranteed to give perfect satisfaction in every case or money refunded. Price, 25c per box. For sale by Ish & McMahon, Omaha.

GREATEST REMEDY KNOWN.

Dr. King's New Discovery for Consumption is certainly the greatest medical remedy ever placed within the reach of suffering humanity. Thousands of once helpless sufferers, now loudly proclaim their praise for this wonderful discovery to which they owe their lives. Not only does it positively cure Consumption, but Coughs, Colds, Asthma, Bronchitis, Hay Fever, Hoarseness and all affections of the Throat, Chest and Lungs yields at once to its wonderful curative power as if by magic. We do not ask you to buy a large bottle unless you know what you are getting. We therefore earnestly request you to call on your druggists, Ish & McMahon, and get a trial bottle free of cost which will convince the most skeptical of its wonderful merits, and show you what a regular one dollar size bottle will do. For sale by Ish & McMahon. (4)

HOP BITTERS NEVER FAIL. If you are afflicted with any of the following diseases, you will find relief in the use of Hop Bitters. It is a powerful purgative, and will cleanse the system, and give you a healthy and happy life. It is sold by all druggists, and is the only medicine that will cure all the above diseases. Price 50 cents, trial bottles 10 cents.

DISEASES

EYE & EAR

DR. L. B. GRADY, Oculist and Aurist, LATE CLINICAL ASSISTANT IN ROYAL LONDON OPTHALMIC HOSPITAL.

Residence 213 Farnham St., Omaha, Neb. Office, Corner 10th and Farnham Sts. Omaha, Neb.

FAST TIME!

In going East take the Chicago & Northwest

RAILWAY.

Trains leave Omaha 8:40 p. m. and 7:40 a. m. For full information call on H. P. DUELL, Ticket Agent, 213 Farnham St., Omaha, Neb. H. P. DUELL, U. S. Agent, Omaha, Neb. Always input, or at JAMES C. CLARK, Clearing Agent, Omaha, Neb.

The Sun

NEW YORK, JANUARY, 1882.

THE SUN FOR 1881 consumed four million one hundred and ninety-four thousand three hundred and ninety-one (4,194,391) pounds of printing paper in its Daily, Sunday, and Weekly editions.

This is equal to sixty million seven hundred and seventy-two thousand six hundred and seventy-seven (60,772,677) copies of the daily issue.

The actual circulation for the past year was: Daily, 1,000,000; Sunday, 1,000,000; Weekly, 1,000,000.

This is the first time in the history of the following average: Copies of the Daily edition, 126,041; Copies of the Sunday edition, 135,330; Copies of the Weekly edition, 1,000,000.

THE SUN has advertising space for sale in its Daily and Sunday editions at the following rates: For the first week, 10 cents per line; for the second week, 8 cents per line; for the third week, 7 cents per line; for the fourth week, 6 cents per line.

At this price advertising in the several editions of THE SUN is cheaper than in any other medium, and he has spent hundreds of thousands of dollars in making known THE SUN, and the advantages it offers to the business community.

THE SUN is published every day in the year, a No. 106, 108 and 170 Nassau Street, New York City. L. W. LIND, Publisher.

JOHN STARK, President; JEROME SCHICK, Vice-President; W. S. DENISON, Sec. and Treas.

THE NEBRASKA MANUFACTURING CO

Lincoln, Neb., MANUFACTURERS OF

Corn Planters, Harrows, Farm Rollers, Sulky Hay Rakes, Buckets, Elevating Windmills, &c.

We are prepared to do job work and manufacturing for other parties.

Address all orders to NEBRASKA MANUFACTURING CO LINCOLN, NEB. Jan 19-82

S.S.S.

This great specific cures that most loathsome disease

SYPHILIS

Whether in its Primary, Secondary or Tertiary Stage

Removes all traces of Mercury from the system. Cures Scrofula, Old Sores, Ulcers, Rheumatism, Eczema, Gleet, Stricture, and all other Blood Diseases.

Cures When Hot Springs Fail!

Malvern, Ark., May 2, 1881. We have cases in our town who were cured at Hot Springs and were finally cured with S. S. S.

Memphis, Tenn., May 12, 1881. We have sold 1,200 bottles of S. S. S. in a year. It has given universal satisfaction, and our eminent physicians now recommend it as a positive specific.

London, Ky., May 18, 1881. S. S. S. has given better relief than any medicine I have ever sold.

Duquesne, Pa., May 2, 1881. Every purchase speaks in the highest terms of S. S. S.

Richmond, Va., May 11, 1881. You can refer anybody to us in regard to the merits of S. S. S.

Have never known S. S. S. to fail to cure a case of Syphilis, when properly taken.

The above signatures are testimonials of high standing.

S.S.S.

IF YOU WISH TO TAKE YOUR CURSE TO THE HELL FOR WHICH IT IS CURSED.

Write for particulars and copies of little book "Mosaic to the U. S. S. S."

\$1,000 Reward will be paid to any person who will furnish an analysis of S. S. S. one part of Mercury, Iodide Potassium or any Mineral substance.

SWIFT SPECIFIC CO., Proprietors, Atlanta, Ga.

Price of regular size reduced to 50c per bottle. Small size, holding half the quantity, price, 25c.

Sold by KENNARD & CO., and Druggists generally.

W. E. VIGUS & CO., COMMISSION MERCHANTS

125 LaSalle Street, CHICAGO.

Grain and Provisions Bought and Sold on Margins

WESTERN CORNIC WORKS

C. SPECHT, Proprietor, 1213 Harney Street, OMAHA - - - NEB

—MANUFACTURERS OF— GALVANIZED IRON

Cornices, Dormer Windows, Finials, TIN, IRON & SLATE ROOFING.

Specht's Patent Metallic Skylight.

Patent Adjustable Ratchet Bar and BRACKET SHELVING.

I am the general State Agent for the above line of goods.

IRON FENCING.

Creosoting, Balustrades, Verandas, Offices and Bank Railings, Window and Cellar Guards, also

GENERAL AGENT

Pearson and Hill Patent Inside Blind.

Geo. P. Bemis

REAL ESTATE AGENCY,

15th and Dodge Sts., Omaha, Neb.

This agency has a franchise for Nebraska. Do not speculate and therefore say bargain-words are insured to you. Instead!

DIRECTORY OF LEADING WESTERN HOTELS

Table with columns: HOTELS, PROPRIETORS, TOWN. Lists various hotels and their owners across different towns.

H. M. & M. PEAVY,

THE CLOTHIERS!

1309 Farnham Street.

OMAHA, - - - NEB.

J. S. CAULFIELD

—WHOLESALE—

BOOK SELLER AND STATIONER

—AND DEALER IN—

Wall Paper and Window Shades.

1304 Farnham St., Omaha, Neb.

F. C. MORGAN.

WHOLESALE GROCER,

1213 Farnham St., Omaha, Neb.

INVITATION

TO ALL WHO HAVE

WATCHES AND CLOCKS

TO BE REPAIRED,

ENGRAVING

—TO BE DONE OR—

JEWELRY to be MANUFACTURED.

While our Work is better, our Prices are Lower than all others

AT THE LAST

STATE FAIR

I received all of the SIX FIRST PREMIUMS offered for Competition in our line

Over All Competitors.

For the Best Watch Work,

For the Best Jewelry, (own make.)

For the Best Engraving,

For the Best Diamonds, (own importation)

FOR THE BEST

QUALITY GOODS

DISPLAYED, ETC

Having lately enlarged my workshops and putting in new and improved machinery, I hope to still more improve the quality and finish of our work and fill orders with more promptness than is usual.

CAUTION!

My Motto has always been and always will be: "First to gain superior

ties and then advertise the fact—not before—no wild advertisements

Some unprincipled dealers being in the habit of copying my announcements, I would beg you, the reader of this, to draw a line between such copies and those of Yours very truly,

A. B. HUBERMANN,

The Reliable Jeweler, Omaha, Neb.

Sign of the Striking Tower Clock

BROMPTONICA

No. 1. British Consumption Physic. In Bottles \$1.00 each, 6 for \$5.00.

No. 2. Brompton Cough Prescription. In Bottles 75 cents each, 6 for \$3.50.

Brompton whence the above prescriptions were procured is the Largest and Most Successful Consumption Hospital in the World; as the "Brompton, Consumption and Cough Remedies," these Medicines have long been deemed in England Infallible Cures for all Complaints of the Lung and Chest.

T. E. FARFITT, OMAHA, NEB.