

TERMS:

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Entered at the Postoffice at Pioche, Nevada, as Second-Class matter.

TO UTILIZE NIAGARA.

A stupendous scheme that is the pet hobby of an English nobleman.

A somewhat startling proposition in connection with the general subject of the transmission of energy to a distance by electricity was advanced by that eminent engineer, the late Charles W. Siemens of London, who, in 1877, expressed his conviction that by this means the enormous energy of the falling water at Niagara might be transferred to New York City, and there utilized for mechanical purposes.

He estimated that the cost of copper for the line would be less than \$15 per horse-power of energy actually delivered at the remote station. While Sir William may be regarded as somewhat of an enthusiast, and has occasionally manifested a tendency to present matters of this kind in a sensational light, yet it cannot be looked upon as especially improbable that the realization of this apparently chimerical project will be witnessed by persons now living.

A series of extensive and costly experiments of this character have been zealously prosecuted within the last few years by M. Marcel Deprez, a French electrical engineer, who was fortunate enough to obtain the financial assistance of the Rothschilds. The results attained have been much criticised by the profession in other countries, but it seems indisputable that on at least one occasion more than thirty-five horse-power was delivered at the terminal of a conductor seventy miles in length, sixty-two horse-power having been applied to drive the generator, showing a total loss of energy approximating forty-three per cent., a result which cannot be looked upon as unsatisfactory.

How the Air Brake Works.

Said a railroad man to me to-day: "I'll bet not one of a hundred of the people who travel on railroad trains understand how the pressure of air is used to apply the brakes to a train. When the air brake was first invented the air was turned into the cylinder under each car when the car was to be stopped, and the pressure was exerted to force the brakes up against the wheels. But at the present day the brakes are held against the wheels by springs, and the air is turned into the cylinders to push the brakes away from the wheels as long as the train is in motion. When it is designed to stop the train the air is let out, and then the springs apply the brakes and stop the train. This last method of using air pressure has great advantages over the old way on the score of safety.

"Whenever an accident happens to a train one of the first effects it is apt to have is to rupture the air pipes leading from the engine to the cylinders under the cars; and that of itself stops the train instantly. It is very important for everybody to understand this matter, because a child 5 years old can stop a train in thirty seconds from any car in the train if he simply understands how. You will see, if you look for it, that there is a sort of rope projecting from the toilet room of every car, that connects with the air pipes under the train. If you catch hold of it and give it a little jerk it will stop the train before it has gone two hundred yards."

Every point in which a man excels, every true virtue which he cherishes, every good habit which he acquires, every beauty of spirit to which he attains, will make his friendship purer, stronger, and better worth having.

THE PIOCHE WEEKLY RECORD.

Cows And What They Give Us.

Our American dairy interest are startlingly enormous. We showed in the Herald yesterday that they represent an investment of nearly five times as much as the entire bank capital of the entire country—that is to say, the bank capital is a little less than \$671,000,000, while the dairy interests amount to more than \$3,000,000,000.

Of course our readers cannot swallow such frightful figures in a lump, and we will therefore arrange them in several smaller but still heroic doses.

The number of milk cows is estimated at 21,000,000. They give each an average of 350 gallons of milk annually. This would make an aggregate milk production of 7,350,000,000 gallons, miniature oceans, a fair sized Niagara. Four thousand million gallons are used for butter, 700,000,000 for cheese and the remaining 2,450,000,000 pass through the adulterating hands of the milkman and grocer and down the throats of 60,000,000 men, women and babies in this land of freedom.

The quantity of butter manufactured and used is about 1,250,000,000 pounds and of cheese 6,500,000,000 pounds. The value of our dairy products for the last twelve months was nearly \$50,000,000. This is \$20,000,000 more than the value of our annual wheat yield, while it closely approximates that of our corn crop, which is the most valuable of our farm products.

To support this immense dairy herd 100,000,000 acres of pasture land are required, worth \$2,500,000,000. It is easy enough to see, therefore, that the 4,000,000 farmers in this country are an important element of our national welfare and prosperity.

She Knows How to Set Type.

G. Baker Hanscomb is editor and proprietor of a bright little weekly newspaper in the rural districts of the West. He was lately married to a pretty little woman, who is filled with a laudable desire to help Baker along all she can.

"Type-setting looks so easy," she cooed, the other day. "I know I could help do it just as well as anything. Let me help."

Although Hanscomb is his own compositor he didn't accept this offer at once. His wife had "learned the cases," as she called it, and that, she thought, was the graduation degree in the type-setting profession. She was in the office alone the other day when a wedding notice was brought in.

"Oh," she said, gleefully, "I'll just set this up and slip it in the form, and won't Baker be surprised when he sees it in print?"

It therefore appeared as follows in the next issue of the paper:

MARRIED: at The ResponcE Of the BRIDOs pahenists on weenday eveng Sep' 28 7881 Mr' Jho jackson to mi78 ka ly naRt. at the Ceram Gy—was Seffrom by Revv. mR Deen Inn the retence of a large number of FRIedns of the gauzy couple & was a BeRyy joyful Occasino. Mr and mrs will Be at Hoem the r fri, at 874 bath St afr octo, 100.

Of course Baker was surprised. So were Mr. John Jackson and his wife, who didn't think that they had received a full equivalent for the \$5 they had paid for a "good send off."—[Troy Standard.

Valentine's Day a Century Ago.

A young lady away back in the seventeenth century, in a letter to a friend, writes: "Last Friday was Valentine's day, and the night before I got five bay leaves and pinned four of them to the four corners of my pillow and the fifth to the middle, and then, if I dreamed of my sweetheart, Betty said that we should be married before the year was out. But to make it more sure I boiled an egg hard and took out the yolk and filled it with salt and before I went to bed ate it, shell and all, without drinking or speaking after it. We also wrote our lover's names upon bits of paper and rolled them up in clay and put them into water, and the first that rose up was to be our Valentine. Would you think of it? Mr Blossom was to be my man. I lay abed and shut my eyes all the morning till he came to our house, for I would not see another man before him for all the world."

De Faggs—A fine audience this! Why, a dog-fight would draw a bigger crowd. Gagley (wearily)—Yas; but a dog-fight only tires the dogs, you know.—[Tid. Bits.

EISENMANN'S ADVERTISEMENT.

J. EISENMANN,

Main Street, Pioche, Nevada,

IMPORTER AND DEALER IN

HARDWARE, MILLING AND MINING SUPPLIES,

IRON, STEEL AND PUMPS, BELTING, PACKING AND HOSE, MACHINISTS, BLACKSMITH & CARPENTER TOOLS, STREAM, WATER & GAS PIPE, GUNS, RIFLES, PISTOLS & AMMUNITION, CUTLERY OF EVERY DESCRIPTION, STOVES AND TINWARE,

Crockery and Glassware, Agricultural Implements and Wagons, Hardwood and Wagon Material, Sash, Doors and Blinds, Paints, Oils and Glass, Prepared Iron Roofing, Pitch, Tar and Resin, Rope and Naval Stores,

—ALSO A—

COMPLETE ASSORTMENT OF HOUSE FURNISHING GOODS.

HEADQUARTERS FOR

Giant, Blasting & Gun Powder Fuse, Candles, Etc.

In connection with the establishment is a complete Shop, and am prepared to execute promptly all orders for Copper, Tin and Sheet Iron Work, Steam, Air, Water and Exhaust Pipe Plumbing and Pump Work.

The Stock comprises the Best Grade of Goods obtainable, and prices are Reduced to a figure that Defies Competition.

ONE PRICE TO ALL!!

EAGLE BAKERY, PHILADELPHIA

MAIN STREET, H. FREUDENTHAL, Pro. Fresh Bread EVERY DAY.

PIES, CAKES, ETC.,

ON HAND. ALSO SPECIALLY MADE TO ORDER ON SHORT NOTICE.

The BUYER'S GUIDE is issued March and Sept. each year. It is an encyclopedia of useful information for all who purchase the luxuries or the necessities of life. We can clothe you and furnish you with all the necessary and unnecessary appliances to ride, walk, dance, sleep, eat, fish, hunt, work, go to church, or stay at home, and in various sizes, styles and quantities. Just figure out what is required to do all these things COMFORTABLY, and you can make a fair estimate of the value of the BUYER'S GUIDE, which will be sent upon receipt of 10 cents to pay postage, MONTGOMERY WARD & CO. 111-114 Michigan Avenue, Chicago, Ill.

JOB PRINTING.

JOB PRINTING!

PIOCHE RECORD

NEWSPAPER

JOB PRINTING

OFFICE.

MAIN STREET.

Pioche, Nev.

Theodore of Merchants and Mining Companies of Southern Nevada and Southwestern Utah is called to the fact that Job Printing of every description done at the known prices in elegant style and at the

LOWEST PRICES.

Business Cards.

Wedding Cards.

Letter-Heads.

Bill-Heads.

Orn Receipts.

Amay Blank.

Programmes.

Handbills.

Posters, etc.

AND ALL KINDS OF PARTY AND PLAIN Job Printing done in first-class style and at short notice.

GIVE US A CALL.

Satisfaction guaranteed in all cases.

T. J. OSBORNE.

To be Had in the Market

MISCELLANEOUS

GEO. S. SAWYER,

Attorney & Counsellor-at-Law,

Office: Lynch's Block,

PIOCHE, NEVADA.

T. J. OSBORNE,

Attorney-at-Law and Notary Public.

Special Attention given to All Collections.

Office, at the Court House, up stairs.

J. POUJADE,

ORE BUYER.

PAYS THE HIGHEST PRICES FOR

LEAD & SILVER ORES,

MAIN ST., PIOCHE, NEV.

FULKS' SALOON.

Main St., opposite Miner's Valley

PIOCHE, NEVADA

Dispense the Finest

LIQUORS

and CIGARS

OVER THE BAR

OF ANY HOUSE

In the Mountain Country.

NOTICE.

TO MY DEBTORS, GREETING!

I shall remove my stock of goods from Pioche at an early day, and prior to my departure I request to collect all accounts due me. For several years past, as the public is well aware, I have been treated with my customers in regard to the credit system. Just how far my views have been reciprocated in a good measure, I am unable to say. In my assortment of goods, I have perhaps more expensive than would be a 2-column article in a newspaper. I have thousands of dollars standing out, and nothing coming in, save promises, which, by the way, I have no means of enforcing. In consequence of this, I am unable to pay my bills, and I hereby give notice to all parties indebted to me that they should immediately settle with me within sixty days from date, also advising on same will be formal. Goods will be sold for cash only. Old jewelry taken in exchange for new. R. HERRON.

Pioche, March 2, 1888.

ASSESSMENT NOTICE.

DAY SILVER MINING COMPANY, LOCATION of principal place of business, San Francisco, California; location of works, Jacksonville Mining District, Storey, Nevada.—Notice is hereby given, that at a meeting of the Board of Directors, held on the 10th day of February, 1888, an assessment (No. 10) of One Dollar per share was levied upon the capital stock of the corporation, payable immediately in United States gold coin, to the Secretary, at the office of the company, 207 Pine Street, Room 20, San Francisco, California. Any stock upon which this assessment shall remain unpaid on the 15th day of April, 1888, will be delinquent and advertised for sale at public auction; and unless payment is made before, will be sold on Monday, the 15th day of May, 1888, to pay the delinquent assessment, together with the cost of advertising and expenses of sale. By order of the Board of Directors. R. E. ORATHON, Secretary. Office, 207 Pine Street, Room 20, San Francisco, California. 1122

Application for a Patent

No. 707.

UNITED STATES LAND OFFICE.

Kearns, Nevada, February 24, 1888.

NOTICE IS HEREBY GIVEN THAT J. W. M. CARROLL, whose position is addressed in Philadelphia, Pennsylvania, has this day filed his application for a patent for one thousand (1000) linear feet of the Thompson Mine or vein bearing silver, with surface ground three hundred and twenty-three (323) feet in width, situated, lying and being in Tom Pate Mining District, County of Lincoln and State of Nevada, and known and designated by the said notice and official plat on file in this office as lot number fifty-two (52), located on surveyed land marked "No. 1, U. S. survey No. 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36, 37, 38, 39, 40, 41, 42, 43, 44, 45, 46, 47, 48, 49, 50, 51, 52, 53, 54, 55, 56, 57, 58, 59, 60, 61, 62, 63, 64, 65, 66, 67, 68, 69, 70, 71, 72, 73, 74, 75, 76, 77, 78, 79, 80, 81, 82, 83, 84, 85, 86, 87, 88, 89, 90, 91, 92, 93, 94, 95, 96, 97, 98, 99, 100." 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