

## THE WHITEWATER WAGON.

WARRANTED TO BE THE BEST WAGON IN THE MARKET. -  
 SEMPLE BURGE & Co., Proprietors, SAINT LOUIS.  
 GEO. B. SPENCER, Agent, SALT LAKE CITY.

### JAMES SWEENEY.

Manufacturer and Dealer in

**COPPER, SHEET-IRON & TIN-WORK,**  
 Well, Cistern and Steam Pumps,  
 Hotel Cooking Ranges,

No. 618 North Main St., ST. LOUIS, MO.  
 w13 2m

**AMERICAN SAW COMPANY**  
 Manufacturers of

**MOVABLE-TOOTHED CIRCULAR SAWS**  
 And Saws of all kinds,

No. 1, Ferry St., NEW YORK.  
 w10 3m

**CHARLES MAGARGE & Co.,**  
 Wholesale Dealers in

**PAPER, RAGS, ETC.,**

30, 32 and 34 South Sixth Street,  
 w11 3m PHILADELPHIA.

### Agents! Read This!

**WE WILL PAY AGENTS A SALARY**  
 of \$30 per week and expenses, or allow  
 a large commission, to sell our new and won-  
 derful inventions. Address, M. WAGENER &  
 CO., Marshall, Mich. w14 6m

### NEWS TO HOUSEKEEPERS!

**A BARREL of Flour makes Forty Pounds**  
 more of Bread with

**SEA FOAM POWDER!!**

SEA FOAM saves Eggs, Shortening, Milk,  
 etc., and is a wonderful economy.

The Sea Foam is an entirely new inven-  
 tion, without any of the bad qualities of Yeast  
 or Baking Powders, Soda or Saleratus.

GEO. F. GANIZ & CO., Manufacturers,  
 w11 1m s22 2m 176 Duane St., NEW YORK.

### NOTICE.

**TO WHOM IT MAY CONCERN.** That cash  
 entry, No. 2429, for the Townsite of Cedar  
 City, Iron County, Utah, made April 15, 1871,  
 embracing the following described lands, to wit:  
 The E half of the S W quarter, and the W  
 half of the S E quarter of Sec. 11, and the E half  
 of the N W quarter, and the W half of the N E  
 quarter of Sec. 14, Township 36, South Range 11  
 West, containing 320 acres, has been made in  
 trust for the inhabitants, and is now ready to  
 be disposed of in lots to any person or persons  
 entitled thereto.

All persons claiming to be the owner or pos-  
 sessor of any portion of said entry will take  
 due notice and make application as provided  
 in the Statutes of Utah.

HOMER DUNCAN, Mayor.  
 Cedar City, April 17, 1871. w11 3m

### NOTICE!

**TO WHOM IT MAY CONCERN.** That cash  
 entry, No. 2440, for the Townsite of St.  
 George City, Utah, made April 10th, 1871, em-  
 bracing the S E 1/4 of S W 1/4 of N E 1/4 and E  
 1/4 of N W 1/4 of Sec. 21, and the S W 1/4 of S E 1/4  
 and S E 1/4 of S W 1/4 of Sec. 13, and the N E 1/4  
 of Sec. 25, Township 42, S Range 16 W, and the  
 N 1/4 of S W 1/4 and N E 1/4 of N W 1/4 of Sec. 30,  
 and the S W 1/4 of N E 1/4 of Sec. 19, and the N 1/4  
 of Sec. 29, and the S 1/4 of S W 1/4 of Sec. 20,  
 and the N E 1/4 of S W 1/4 of Sec. 20, Township  
 42, S Range 15 W, containing 1,285.26 acres, has  
 been made in trust for the inhabitants, and is  
 now ready to be disposed of in lots to any per-  
 son or persons entitled thereto.

All persons claiming to be owners or pos-  
 sessors of any portion of said entry will take  
 due notice and make application, as provided in the  
 Statutes of Utah.

JOSEPH W. YOUNG, Mayor.  
 St. George City, Utah, April 12, 1871. w12 3m

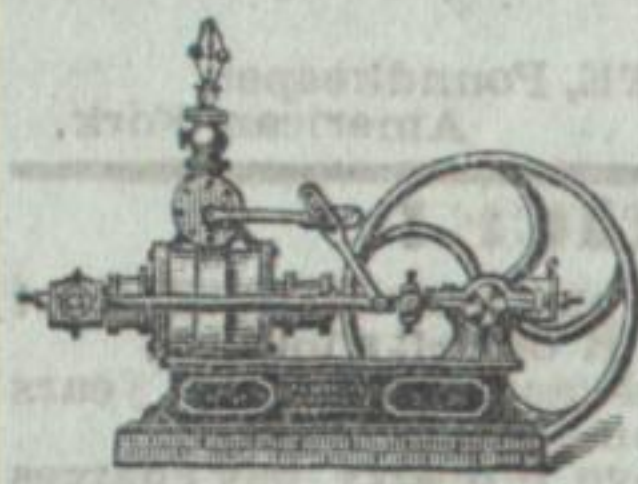
### NOTICE!

**TO WHOM IT MAY CONCERN.** That cash  
 entry (No. 565), Town Site, Beaver City,  
 Beaver County, Utah, made December 31st, 1870,  
 embracing S 1/2 of S W 1/4, Section 15, N W 1/4 and  
 N 1/2 of S W 1/2, Section 22, N 1/2 of S E 1/4 and  
 N 1/2 of S W 1/4, N E 1/4 and N W 1/4, Section 21,  
 N 1/2 of S E 1/4 and N E 1/4, Section 20 S 1/2 of S E  
 1/4, Section 17, S 1/2 of S W 1/4 and S 1/2 of S E 1/4,  
 Section 16, in Township No. 29, S of Range No. 7  
 W, containing 1,280 acres, has been made in  
 trust for the inhabitants, and is now ready to  
 be disposed of in lots to any person or persons  
 entitled thereto.

All persons claiming to be the owner or pos-  
 sessor of any portion of said entry, will take  
 due notice and make the application as pro-  
 vided in the Statutes of Utah.

JOHN ASHWORTH, Mayor.  
 Beaver, January 28th, 1871. w2-3m

## Wm. TAYLOR & SONS,



**COLUMBIAN  
 IRON WORKS,**

25 to 39 Adams St.,

Brooklyn, New York

Manufacturers of

**STARKEY'S**

**Steam Engine & Centrifugal Pump,**

Also

**Hydrostatic Oil Presses**

For Cotton and Linseed Oil and other pur-  
 poses.

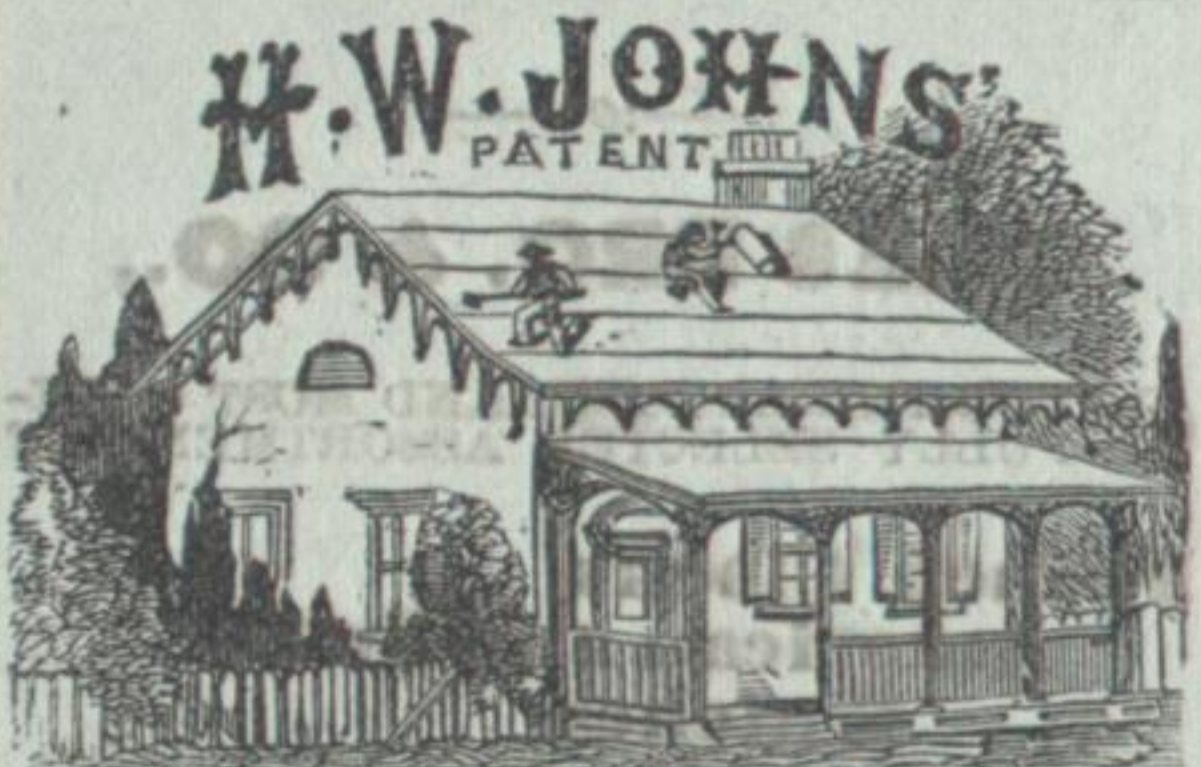
**STEAMBOAT ENGINES,  
 HOISTING, MINING and  
 WRECKING MACHINERY.**

Brass and Iron Castings of every description.  
 w13 s25 1y

1858. 1871  
**First Premium Awarded by American  
 Institute, Nov. 5th, 1870.**

The Great Improvement in

**ROOFING**



**ASBESTOS ROOFING**

This Improved Roofing Material is entirely  
 different from any other, and is TEN TIMES  
 STRONGER than any other Portable or Com-  
 position Roofing in use. It is adapted for steep  
 or flat roofs in all climates, and can be readily  
 applied by anyone.

From Certified Report of Judges' American In-  
 stitute, Exhibition of 1870:

This Improved Roofing "is strong and flexi-  
 ble, unaffected by the sun's heat, practically  
 fire-proof and water-proof, and is really an art-  
 icle of the first order of merit."

HORACE GREELEY, President,  
 Signed, GEO. PEYTON, Recording Sec.,  
 SAM'L D. TILLMAN, Corresponding Sec.  
 From Report of American Institute Farmers'  
 Club, Dec. 6, 1870:

"This material constitutes one of unusual  
 merit, much superior to any of the class pre-  
 viously brought to their notice, and worthy of  
 trial by those who desire a durable, easily ap-  
 plied, comparatively inexpensive and safe roof-  
 ing, the material having, in addition to the  
 other merits claimed for it, that of being prac-  
 tically fire-proof."

JOS. B. LYMAN, Agricultural Editor  
 Signed, JAMES A. WHITNEY, Editor Ameri-  
 can Artisan.

Also Manufacturer of

**ASBESTOS ROOF COATING!**

A fibrous water-proof material, which forms  
 an elastic felt-like covering of any desired  
 thickness. It can be applied with a brush, and  
 is invaluable for restoring and preserving old  
 shingle, tin and felt roofs.

**ASBESTOS CEMENT,** for repairing leaks  
 of all kinds on roofs.

**Roofing and Sheathing Felt, Building  
 and Lining Paper, etc.**

Full Descriptive Pamphlets, Price List and  
 Samples sent free. H. W. JOHNS,

Sole Manufacturer,  
 78 William Street, New York.

For Sale by Z. C. M. I., H. B. Clawson, Supt.  
 d122 eod 1m

### CLARK'S

**O. N. T. Spool Cotton.**

GEO. A. CLARK & BRO.,

Sole Agents,

337 & 339 Canal St., - NEW YORK.  
 w10 3m

Branch of the Johnson Type Foundry.

FRANKLIN

**TYPE**

STEREOTYPE & ELECTROTYPE

FOUNDRY,

168 Vine Street, bet. 4th & 5th,

CINCINNATI.

Allison, Smith & Johnson

Manufacturers of, and Dealers in

**BOOK AND NEWS TYPE,**

AND

**PRINTING MATERIALS,**

Of every description.

STEREOTYPING & ELECTROTYPING

In all their various branches.

WOOD ENGRAVING, AND PATTERN LETTERS FOR  
 FOUNDERS.

DORSEY'S PATENTED

**SELF-RAKING REAPER AND MOWER**

COMBINED, with adjustable Steel Mowing  
 Bar and latest improvements for 1871.



It has proved the most successful Self-Raker  
 in use. Apply to Geo. Q. Cannon to see a sam-  
 ple.

A. PRITS & SONS, Dayton, Ohio.

Catalogues, giving full description prices etc.,  
 of our machines, mailed free on application.  
 w6-3m

**TAYLOR'S**



PATENT

**Steel Tooth, Hay and Grain RAKE.**

OVER 14,000 IN USE. 185 FIRST PRIZES and  
 PREMIUMS AWARDED. It is conceded by all  
 who have them in use to be the best and sim-  
 plest Rake. A boy who can handle a horse, can  
 work the Rake. We warrant them to be first-  
 class in every respect. It is only made by the

**B C TAYLOR MANUFACTURING CO.,  
 DAYTON, OHIO.**

For Sale by H. B. CLAWSON, Supt.  
 Z. C. M. I., Salt Lake City.

w72 m d2m

**LEFFEL'S**

**Double Turbine WATER WHEEL**



Uses the least water of any  
 Wheel in the World.

Over Five Thousand of  
 these Wheels

ARE NOW IN OPERATION.

For Pamphlet of 120 pages, ad-  
 dress:

**JAMES LEFFEL & CO.,  
 Springfield, Ohio.**

w7 3m

**CAME TO MY PLACE**

LAST FALL, a dark red two-year old  
 HEIFER, branded W Pon left hip.

The owner is requested to prove property,  
 pay charges and take her away.

GEO. HEWISTON, Mill Creek Ward.  
 d146 s27 w14 1e

### SILVER IN THE SEA.

The poet tells us of the gems that  
 shine with "purest ray serene" in "the  
 dark unfathomed caves of the ocean,"  
 but it is not in those inaccessible depths  
 alone that treasures of the sea lie hid-  
 den. There is untold wealth diffused  
 throughout the immensity of its waters,  
 as secure from human avarice as if it  
 were in the abysses which plummet nev-  
 ersounded. Its very diffusion puts it out  
 of our reach. The fact that it is every-  
 where makes it practically nowhere.  
 Some years ago, certain French chem-  
 ists demonstrated that sea-water con-  
 tains an appreciable amount of silver.  
 They decided that if it is equally dis-  
 tributed, there must be at least two  
 millions of tons of the precious metal  
 in the whole ocean, or more than has  
 ever been dug from the earth. And  
 experiments made at widely distant  
 points prove that the metal is thus  
 uniformly diffused. The water of the  
 Pacific, off the coast of Chili, as analyzed  
 by an English chemist, gives the same  
 result as the Frenchman had obtained  
 from the water of the British Channels.

The silver in the sea is only one out  
 of a thousand illustrations of solid sub-  
 stances made invisible by chemical  
 processes. And we must not suppose  
 that it is only minute quantities of mat-  
 ter that can be thus lost to sight in  
 transparent liquid. A silver half-dollar  
 (a mythical piece of money to our young  
 readers, but the old folks can tell them  
 how large it is, or was,) can be dissolved  
 in a very small amount of nitric acid,  
 which, if pure, is a colorless liquid.  
 The coin soon vanishes, and the liquid  
 is as clear and transparent as ever.  
 Many dollars' worth of silver might  
 thus be concealed in a gallon of what  
 would seem to be nothing but water.  
 Other metals, and, indeed, solid sub-  
 stances of all kinds, may be dissolved  
 and made to disappear in a similar way.  
 There is no visible form of matter which  
 chemical agencies may not render in-  
 visible. What we commonly call the  
 destruction of matter is merely the  
 metamorphosis from the seen to the  
 unseen. When wood or anything else  
 is burned, it has simply undergone a  
 chemical change which removes it from  
 our sight. Not a particle of matter can  
 really be destroyed, unless by the Power  
 that called it into existence. The silver  
 in our transparent liquid is not annihila-  
 ted; if we pour it into the sea, it is  
 lost to us, but the silver is there still,  
 like the millions of tons of kindred  
 metal that were already with the  
 waters. In like manner, the wood and  
 coal that we burn, except the small  
 residuum of ashes have become viewless  
 gasses, and are blended with the aerial  
 ocean of the atmosphere. On the clear-  
 est day the air above us is laden with  
 thousands of tons of carbon in this  
 transparent condition. It is there,  
 though we cannot see it, and plants are  
 continually turning it back into visible  
 form again. This is the key to the  
 mystery of their growth, which is main-  
 ly the withdrawing of carbon from its  
 gaseous state of carbonic acid, and  
 making it a part of their own structure.

We have said that the silver in the sea  
 is useless to us because it is diffused  
 through so vast a bulk of fluid. But  
 the fact that it has been possible to de-  
 tect it when thus diffused, shows that if  
 chemical agencies can make solid sub-  
 stances vanish from our sight, they can,  
 on the other hand, compel a body thus  
 concealed to show itself, even when it  
 forms only the minutest proportion of  
 the mixture. The delicacy of chemical  
 tests is almost beyond belief. A single  
 drop of colorless liquid added to a  
 colorless liquid may instantaneously  
 produce a well-defined red or blue or  
 yellow throughout the entire mass of  
 the latter; and yet it may be less than  
 the hundredth part of a grain of some  
 solid substance in solution that is made  
 to give such unmistakable evidence of  
 its presence.—Boston Journal of Chem-  
 istry.

TOOELE.—"Nestor," writing from Tooele  
 City, on the 6th instant says: "The mem-  
 bers of the Tooele city Female Relief So-  
 ciety have had a good time this week, by  
 being favored with a visit from Sisters  
 Snow, Howard and Pratt, to instruct them  
 in their duties, meetings were held on  
 Wednesday and Thursday, which were  
 well attended by the sisters from the  
 various settlements. The instructions  
 were of a very superior order especially  
 those at the Thursday meeting, which I  
 think will be long remembered by those  
 who were so fortunate as to be present. I  
 think Tooele is about the first to have the  
 ladies protracted meetings. Success to  
 them."

A co-operative sheep and cattle herd has  
 been organized in this burgh, as we wish  
 to keep up with the spirit of the times.  
 The co-operative shoe shop established here  
 some time ago, is doing very well, and  
 turning out excellent work. Success to  
 all good enterprises."