PITTSBURGH GAZETTE.

MOUNTAIN DRILL.—There is now in process of erection at Souther's Globe Works, South Boston a machine which, for magnitude and novelty of design, has not been surpassed by any machine ever before built. It is called the Mountain Drill, and is intended to be used in building the Hoosac Tunnel. It is twenty-four feet in height, and is thus described.

The mountain Drill is made to cut a circular passage, or tunnel, 24 feet in diameter. Its construction is as follows: A large wheel, having a thin rim projecting forward from its outer edge, is attached to a revolving shaft. The rim of the wheel is mounted with steel cutters, which are of such size, and so arranged, as to cut, when in motion, a circular trench or groove in the face of the rock one foot in width, and of the diameter of the tunnel. The shaft of the Drill is supported on a sliding frame, which rests upon a horizontal frame, supported upon flanged carrying wheels 5½ feet in diameter. The main shaft is fed forward with the sliding frame, by means of a powerful screw. The distance through which the shaft, with its wheel and cutters, is made to pass, is five feet, for each adjustment of the machine, this distance being the depth of the rim upon the main wheel. Upon the end of the shaft, and in the centre of the circle described by the motion of the cutters, a drill of six inches diameter is attached. This drill enters with the cutters, and to the same distance in the rock. On the rim of the main wheel are buckets to conduct the rock out away into an adz.

The operation of the machine will be as follows: When the approaches to the tunnel are prepared, the Drill will be brought up to the face of the rock, upon a track laid for the purpose. The shaft, with its wheel and cutters, will be put in motion, and fed forward into the rock. The circular trench will be cut, and the small central drill will enter at the same time. When the rim of the wheel has entered the rock to its full depth the machine will be drawn back, a charge of powder placed in the central hole, and the rock within the circular trench will be removed at one blast. One of the arms of the main wheel is made removable, so as to allow a car to pass under the machine to the rock. The fragments broken away by the blast will then be loaded and drawn back to the mouth of the tunnel. The machine is again fed forward, and its successive operations will be the same as already described. The main carriage is properly braced so as to be immovable.

The weight of the whole machine is from eighty to ninety tons, the weight of the shaft eleven tons, and the weight of the main wheel is thirty tons. In order to convey it to North Adams, where it is intended it shall be used, it will be necessary to take it apart. All the castings were made at the works of the South Boston Iron Company at South Boston. It is intended that the machine shall be driven by stationary engines, and two forty horse engines have been constructed, and are all ready to commence work.—*Boston Traveller.*

HAVING sold my entire stock of Hardware, Cutlery, &c., to Norris McCombs, I cheerfully recommend to those who have patronized me during my connexeungt in business before this vicinity and Virginia, to the new firm of Norris McCombs & Co. Wood street, to attend to the settlement of my business, where all persons indebted to me will find a call and settle their accounts. JOHN WALKER.

NORRIS MCCOMBS, (successor to JOHN WALKER,) Importer & Dealer in Foreign and Domestic Hardware, 103 Wood st. between Diamond Alley and Virgin street, Pittsburgh.—Carpenters' Tools always on hand. (6:23)

HAVING purchased the entire stock of JOHN WALKER, consisting of Hardware, Cutlery, Tools, &c., I will continue to keep on hand a full assortment of articles in the above line, which will be sold at the lowest prices for cash.

Merchants and Mechanics are respectfully invited to call and examine stock at the old stand, 103 Wood street. (6:23) NORRIS MCCOMBS.

Just Received at Wm. Digby's, No. 181 *Liberty Street.*

TWENTY Pieces of new style Cassimeres. A splendid assortment of Vestings, new styles Twenty pieces of black and colored Cloths. The proprietor of the above establishment, begs to express his friends and customers that having received the assistance of Mr. GEORGE DIGBY, to superintend the cutting department, he hopes to be able to give entire satisfaction to all who favor him with orders. mar2

For Sale.

THE undersigned offers at private sale, their new White Lead and Oil Mill, located on the corner of Austin and Twelfth streets, in the city of St. Louis, situated on a lot of ground fronting two hundred feet on Austin street, and running south to the channel of Chouteau's Pond. The building being four and a half stories high, and fronts fifty-three and a half feet on Austin street, running south thirty-seven and a half feet, and contains two Kaferstein Mills, one largest size Hoagduns mill, two large dry kilns, a complete vinegar establishment, one Key machine, two improved hydraulic presses, (calculated either for castor or linseed oil) one sixty horse power engine, and many other valuable improvements appertaining in such establishments. There is also erected upon the ground, one fine stone machine house twenty by thirty-four feet; one one story dwelling house ten according houses, eighteen by twenty feet, six feet. The above affords a good business, connected with the business, than any other. A rare chance is now offered to those wishing to engage in the business. The whole will be sold on accommodating terms.

For further information, address C. CLARK & CO. St. Louis, Feb. 27, 1852.—(mar26m) 131 L. Repub.

Charters Coal.

THE CHARTERS COAL COMPANY are now prepared to contract for and to deliver at their wharf, at Coal Harbor, (McKees Rocks,) two and a half miles below Pittsburgh, from ten to twenty thousand bushels of coal per day; Purchasers furnish their own boats.

The coal is of superior quality, and carefully mined.

The price is fixed at one dollar per ton, at the boats usual weight—five per cent being allowed for loss in shipment, or (until further notice) 20 cents per ton advance.

This company has peculiar facilities for loading canal boats, for the Ohio, Lake, or lower markets.

Apply at the office, at the wharf.

THOMAS McELRATH, President Charters Coal Company.

Cincinnati Gazette and Louisville Journal insert once a week 3 weeks, and send bill to this office.

mar22w2w

New Goods.

JUST receiving at WM. DIGBY'S. The FIRST new Goods of the season, comprising the newest and most fashionable styles of Vestings, Cassimeres, Cloths, &c. &c. The Proprietor hopes his friends and customers will give him an early call. 16:23

Fire Proof Roofing.

CARVING & CO., successors to James C. White & Co., of Wheeling, manufacturers of Warren's Improved Fire and Water proof metallic roofs, wishes to inform their friends in, and the public of Pittsburgh, that they intend opening in this city a branch of the above business and they pledge themselves that their roofs will give satisfaction to all, who may engage their services. Those of our citizens, therefore, who desire substantial Fire and WATER PROOF roofs, should pay attention to this important announcement.

This composition used is composed of various materials and is adapted for the purpose, and is free from the dangers from rusting.

Refer to the following well known names, in Louisville, Ky., who have cheerfully recommended the useful roofing:

A. Boles, President of Louisville Bank;
Messrs. Huffman, Maxy & Shelby;
Virgil McKnight, Pres't Bank of Ky.
Thos. L. Shriver, Esq., " Jackson Oxley & Co.
Reinhardt & Tarvy, " Joseph H. Dash
A B Sample & Bro. William Garvin & Co.
Jacob Baldwin, Charles Stillwell,
Taylor & Tanner, John W. Tyler,
W O D White & Co. Isaac A. Williams.

Apply to the undersigned, or to Mr. McHighe's store, on Market street, will be promptly attended to. Pittsburgh, Feb. 24, 1852. 6:23:10m.

Central Rail Road, 5 SHARES for sale by WM. A. HILL & CO., mar 22w 64 Wood street.

BACON—25,000 lbs. Hams, Shoulders & Sides for sale by ROBINSON, LITTLE & CO. mar1

Pittsburgh and Boston Mining Co.

FIVE Shares of this Stock wanted immediately to complete an order.

WILKINS & CO., mar4 Corner Market and Third st.

JUST rec'd at REEL & CALLOW'S Literary Depot, Third st., opposite the Post office (recently J. Holmes.)

Putnam's Semi-Monthly Library;
Sue's Sensitive America
Philadelphia Saturday Post;
London Punch;
Illustrated London News;
Also—Last week's N. Y. Tribune, containing Hon. Daniel Webster's Discourse before the New York Historic Society. REEL & CALLOW. mar4

Western Insurance Co.

A FEW shares of this desirable and profitable stock for sale at $140.

A. WILKINS & CO., mar4

PIG IRON—300 tons on hand, for sale by ROBISON, LITTLE & CO.

SUNDRIES—Rec'd per steamer Empress, 100 Sacks Corn on the cob;
" Oats;
2000 lbs Sugar;
25 Kegs Butter;
2 " Eggs;
10 " Lard;
10 " Flour;
1 " Cloverseed;
15 " Hickory Nuts;
3 " Onions;
2 Bales Feathers;
1 Bale Sheep Pelts;
10 Crocks No. 1 Lard;
6 Bbls. fresh Roll Butter; to sale by R. P. SHRIVER & CO.
No. 122 Second Street.

New Goods.

JUST receiving at WM. DIGBY'S. The FIRST new Goods of the season, comprising the newest and most fashionable styles of Vestings, Cassimeres, Cloths, &c. &c. The Proprietor hopes his friends and customers will give him an early call. 16:23

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