

IRON WORKS.**PITTSBURGH FORGE**
AND IRON CO.,
MANUFACTURERS OF

Bar Iron;
Railroad Fish Bars and Bolts;
Railroad Car Axles Rolled;
Locomotive Frames;
Locomotive Frame Shapes;
Side Rods;
Yokes, Straps;
Piston Rods;
Steamboat Shafts;
Steamboat Cranks;
Piston Rods, Wrist;
Pittman Jaws, Collars, &c.
Office, No. 177 PENN STREET,
PITTSBURGH, PA.

GRAFF, BYERS & CO.,
MANUFACTURERS OF**Bar, Hoop and Sheet Iron,****WROUGHT IRON,**
Iron Welded Tubes for Gas, Steam,
Water, &c.
ALSO,
OIL WELL TUBING.Office, No. 98 Water St.,
PITTSBURGH, Pa.**KENSINGTON IRON WORKS.**
LOYD & BLACK,
MANUFACTURERS OF**Best Common, Refined, Charcoal****JUNIATA BLOOM IRON.**

Merchant Bar Round and Square Iron,
Hoop and Sheet Iron,
Cast and Wrought Iron,
Cylinders and Guard of Finger Iron,
Small Tails, 1/2 in. to 1 in. to 2 in. to 3 in.
Wrought Chains and Spikes for same.
Wrought Rails, Fencing and Corner
Cast Sorensen Iron,
Sails and Sticks.

Warehouse and Office at the Works, GREEN-
HUGH STREET, (a continuation of First Street.)
Containing the City Gas Works.**EVERSON, PRESTON & CO.,**
PITTSBURGH.**Pennsylvania Iron Works.**
Warehouse, Nos. 166 and 167 First Street,
opposite Monongahela House.**STEEL WORKS.**
SHEFFIELD STEEL WORKS.**SINGER, NIMICK & CO.,**
MANUFACTURERS OF**BEST REFINED CAST STEEL,**
Square, Flat and Octagonal, of all sizes.**MILL, MCLAY, CIRCULAR, GANG AND CROSS-CUT****SAW PLATES.**
ELLIPTIC AND SEMI-ELLIPTIC**RAILWAY SPRINGS,**
CAST SPRING STEEL.**Cast and German Flow Steel,**
FLOW WINGS AND MOWER BARS.**SPRING, AXLES AND STEEL RAILS,**
SICKLES, SHOVELS, HOK RAKE,
MACHINERY, CAST STEEL,
IRON WARE, &c., &c.

Warehouse, 88 Water Street, Pittsburgh.

PITTSBURGH STEEL WORKS.
ANDERSON, COOK & CO.,
(SUCCESSORS TO JONES, BOYD & CO.)

Manufacturers of

BEST REFINED CAST STEEL,
SQUARE, FLAT AND OCTAGON, of all sizes.
PLATES, HOPE, FORD AND SHEET CAST STEEL,
CAST STEEL, &c., &c.**Reaping and Mowing Machines,**
Steel Flow Valves,
Axles, Circulars, &c., &c.**Cast and Common Flow and Spring Steel.**
Office—Corner FIRST and ROSS STREETS, two
blocks above the Monongahela House.**MILLER, HARR & PARKIN.**
GENERAL PARTNERS:
WM. METCALF, HERBERT MILLER,
GEO. W. BARR, CHAS. PARKIN,
OFFICIAL TAYLOR—S. M. KIER.**CRESCENT STEEL WORKS,**
MILLER, HARR & PARKIN,
Office, No. 339 Liberty St.,
PITTSBURGH, PA.**DUQUESNE**
Iron and Steel Works.**COLEMAN, RAHM & CO.,**
MANUFACTURERS OF**Iron, Nails, Springs, Axles, Steel, &c.**
WAREHOUSE:
No. 72 Water Street,
PITTSBURGH.**BLACK DIAMOND**
STEEL WORKS.**PARK, BROTHER & CO.,**
Manufacturers of all descriptions of**STEEL.**
Office and Warehouse, 130, 132, 134 SECOND
and 136 and 138 FIRST STREETS,
PITTSBURGH.**IRON CITY MILLS.**
ROGERS & BURCHFIELD,
Manufacturers of REFINED, CHARCOAL, JU-
NIATA AND POLISHED**CAST STEEL.**
Office and Warehouse, No. 324 MARKET ST.,
PITTSBURGH.**COPPER**
LAKE SUPERIOR
COPPER MILL AND SMELTING WORKS,
PITTSBURGH.**PARK, McCURDY & CO.,**
Manufacturers of Sheathing, Braziers and
Copper. Pressed Copper Bottoms, Raised Sills, &c.
Sheet Copper, also, imported and
in Metal, Tin Plate, Sheet Iron, &c., &c.
Mainly on East Fifth Street, and
Warehouse, No. 140 FIRST STREET, and 180
SECOND STREET, Pittsburgh.**FOUNDERS, MACHINISTS.****ATLAS WORKS.**
MORTON STREET, Ninth Ward,
PITTSBURGH.**THOMAS N. MILLER, President.**These Works are among the largest and most
complete establishments in the West, and are now
prepared to furnish**Engines, of every description.****Boilers, Oil Tanks.****Sheet Iron Works.****Railroad Castings.****Rolling Mill Castings.****Engine Castings.****Machine Castings.****General Castings.**
ORDERS SOLICITED.**NATIONAL FOUNDRY**
AND PIPE WORKS.
Corner Carroll and Smallman Streets,
(NINTH WARD.)
PITTSBURGH, PA.**WM. SMITH**
Manufacturer of**CAST IRON BOWL PIPE,**
FOR GAS AND WATER WORKS.My Pipes are all cast in this city, in dry
sand, and 12 feet length. Also, full assortment of
General Castings for Gas and Water Works.I would also call the attention of Superintendents
of Gas Works to my make of RETORTS.**THE KNAP FORT PITT FOUNDRY CO.**
CHARLES KNAP, President.
J. M. KNAP, Vice President.
O. METCALF, Secy and Treasr.
J. M. WARD, General Manager.
DIRECTORS:
JAMES B. MURPHY, J. L. Lyon, Shob & Co.
A. E. HENNING, J. J. Palmer & Sons.
A. E. HENNING, J. J. Palmer & Sons.
W. M. SULLIVAN, of Shoenberger & Co.
W. M. SULLIVAN, of Shoenberger & Co.**Rolling Mill and Blast Machinery.**
REPAIRS AND CASTINGS, of every description.
REPAIRS AND CASTINGS, of every description.**IRON FOUNDRERS,**
MANUFACTURERS OF**FINE LIGHT CASTINGS,**
All descriptions, for Plumber and Gas Fitters. Ag-
ricultural Implements, Cotton and Woolen Mill Ma-
chinery, &c. All Work promptly attended to.Office and Works—WASHINGTON AVENUE,
near Outer Depot, Allegheny City, Pa.**ROBINSON, REA & CO.,**
Successors to ROBINSON, MINIS & MILLERS.**WASHINGTON WORKS,**
FOUNDERS AND MACHINISTS, PITTSBURGH.Manufacturers of Boat and Stationary Steam En-
gines, Boilers, and all kinds of Machinery. Repairing,
Shifting, Castings of all descriptions. Oil Tanks and
Sheet Iron Work.

Office, No. 12, corner First and Smithfield Streets.

Agents for GIFFARD'S PATENT INJECTOR, for
pumps, &c. Also, for the best quality of
HUGH M. BOLE & CO.,
Successors to ROBINSON, MINIS & MILLERS.**HUGH M. BOLE & CO.,**
Founders, Engine Builders and Machinists,
Make to order MARINE AND LAND STEAM EN-
GINES, of all sizes, warranted to give satisfaction.
CASTINGS, of every description, made to order.
JAMES NELSON, corner POINT ALLEY and DU-
QUESNE ST., No. 14, 15 and 16, near
PITTSBURGH, PA.**MONT BLANC FOUNDRY.**
Butler Street, Ninth Ward,
(Opposite Union Iron Mills.)**Rolling Mill and Bridge Castings,**
THIMBLE SKINS AND PIPE BOXES.**MACHINERY AND CASTINGS GENERALLY.**
Orders promptly and carefully executed.
Charges reasonable.**ERBERT & MACKLIND.**
Office and Warehouse, 29 Wood Street.**Thimble, Skin and Pipe Boxes,**
WAGON BOXES, DOG IRONS,
SUGAR KETTLES, HOLLOW WARE,
And Castings generally.**CENTRAL FOUNDRY**
AND ROLL WORKS,
880 Penn Street.**BOLLMAN, BOYD & BAGLEY.**
Chill Roll, Mill Castings, Roll Lathes, &c.**FULTON MACHINE WORKS.**
Manufacturers of STEAM ENGINES, all sizes
and of the most improved pattern for all purposes;
STEAMBOATS and STEAM PIPES,
and other machinery, which will be sold at very reduced
prices.**P. P. GEISSE, Wellsville, O.**
Fifty miles from Pittsburgh, on the Ohio River, and
line of C. & P. R.**IRON BROKERS.**
SAMUEL M. WICKERHAM,
124 First Street, Pittsburgh, Pa.**IRON BROKER.**
Agents for the sale of Cornwall, Doughamora, Jo-
seph, Isabella, Beck, Pennamont, Hammon, Galloway,
and other brands of Anthracite, Youghiogheny
Coal and C. B. Charcoal.**STONE QUARRY.**
Stone furnished from the
Apollo Stone Quarry,
To order or by the car load, via W. P. R. R. En-
quire of
J. J. FREESTY,
Apollo, Armstrong Co., Pa.**TOBACCO AND CIGARS.**
EXCELSIOR WORKS.
R. & W. JENKINSON,
Manufacturers and Dealers in
Tobacco, Snuff, Cigars, Pipes, &c.,
No. 6 FEDERAL ST., ALLEGHENY.**ENGINEERS, BOILERS, &c.****FORT PITT**
BOILER, STILL AND TANK
WORKS.
CARROLL & SNYDER,
MANUFACTURERS OF**TUBULAR, DOUBLE-FLUED TUBULAR, FIRE-**
BOX AND CYLINDER STEAM BOILERS.**OIL STILL AND OIL TANKS.****CHIMNEYS, BRECHING AND ASH PANS.****SETTLING PANS, SALT PANS AND CON-**
DENSERS.**STEAM PIPES, GASOMETERS AND IRON**
BRIDGES.**PRISON DOORS AND COAL SHUTES.**
Office and Warehouse, corner Second,
Third, Short and Liberty Streets,
PITTSBURGH, Pa.Orders sent to the above address will be
promptly attended to.**O'HARA BOILER WORKS.**
MORROW, BARNHILL & CO.,
MANUFACTURERS OF**Steam Boilers, Oil Stills, Agitators,**
TANKS, SALT PANS, GASOMETERS, WROUGHT
IRON BRIDGES, SHEET IRON WORK, &c.**Cor. Liberty and Second Sts.,**
PITTSBURGH, PA.**REPAIRING PROMPTLY DONE.****W. M. BARNHILL & CO.,**
BOILER MAKERS
AND SHEET IRON WORKERS.
Nos. 22, 24 and 26 PENN ST.Having secured a large yard and furnished it with
the most improved machinery, we are prepared to
manufacture every description of BOILERS in the
best manner, and warranted equal to any made in
the country. Chimneys, Breaching, Fire Pans,
Pans, Tanks, and Sails, Agitators, Settling Pans,
Boiler Iron, bridges, Sugar Pans, and sole manu-
facturers of the shortest notice.**ROBERT LEA,**
MANUFACTURER OF**Steam Engines and Boilers,**
FREIGHT HOISTERS,
AND DOCTOR ENGINES.
CASTINGS, of all descriptions, made to order.
Corner of First and Ferry Streets,
PITTSBURGH, PA.**JAMES M. RITER,**
Nos. 55 and 56 Water Street,
PITTSBURGH, PA.**IRON OIL TANKS,**
SETTLING PANS, COPPER STEAM PIPE,
ROLLING MILL STACKS,
AND SHEET IRON WORK.
For Steamboats.**STOVES, CASTINGS, &c.**
COOK STOVES.
GET THE BEST.
BISSELL & CO.'S
TRIUMPH,
FOR BITUMINOUS COAL.
Warranted to Cook, Bake or Roast as
well as any other Stove in the Union.**BISSELL & CO.,**
No. 285 Liberty Street.Also on hand and for sale,
PARLOR STOVES,
HEATING STOVES,
GRATE STOVES, FENDERS,
COOKING RANGES, &c.**CHEAPEST PLACE in the city**
TO BUY THE
TRIUMPH COOKING STOVE,
1st St. No. 146 GRANT STREET.
J. C. DUFFY.**HARDWARE.**
NEW HARDWARE HOUSE.
LINDSEY, STERRIT & EWE,
Manufacturers and Importers of**HARDWARE.**
CUTLERY, &c.
887 LIBERTY STREET,
CORNER OF WAYNE.One Square Below Union Depot,
PITTSBURGH.**Agents for FAIRBANKS' SCALES.**
F. MUSSMANN,
Fifth St., bet. Tenth & Chatham Sts.,
PITTSBURGH.**Gunsmith and Dealer in Hardware.**
First class goods of all descriptions always on
hand and sold at the lowest prices. Repairing done
carefully on short notice.**BREWERY.**
SPENCER, McKay & Co.,
MALSTERS AND BREWERS
Of Ale, Porter and Brown Stout,
PITTSBURGH, PA.**ROBERT WATSON, Manager.**
DYERS AND SCOURERS.
H. J. LANCE,
Nos. 155 and 157 Third Street,
PITTSBURGH.**DYER AND SCOURER**
STRAW GOODS CLEANED OR DYED.
KID GLOVES AND LADIES' GLOVES CLEANED
OR DYED.**FINANCIAL.****HART, CAUGHEY & CO.,**
BANKERS AND BROKERS,
Corner Third and Wood Streets,
PITTSBURGH, PA.

(SUCCESSORS TO HANNA, HART & CO.)

Exchange, Coin, Coupons,And particular attention paid to the purchase and
sale of**GOVERNMENT BONDS.**
Sight Drafts on London.**N. HOLMES & SONS,**
BANKERS,
57 Market Street,
PITTSBURGH, PA.Collections made on all the principal points of the
United States and Canada.**Stocks, Bonds and other Securities**
BOUGHT AND SOLD ON COMMISSION.Particular attention paid to the purchase and
sale of**United States Securities.**
KEYSTONE BANK,
PITTSBURGH, PA.

THIS BANK IS NOW TRANSACTING A

GENERAL BANKING BUSINESS.
AT THEIR NEW BANKING HOUSE.**No. 293 Liberty Street.**
Accounts of BANKS, BANKERS, MERCHANTS
and others are invited.
Collections made on all accessible points in the
United States and Canada.**Interest Allowed on Time Deposits.**
10-40, 10-10, 10-10, 10-10, 10-10, 10-10,
Cleveland & Pittsburgh R. R. 10-10,
Fort Wayne 10-10,
North Western—common 10-10,
North Western—preferred 10-10,
New York Central 10-10,
Erie 10-10,
Ohio & Mississippi 10-10,
Western Union Telegraph 10-10,
Merchants Union Express 10-10,
Corydon 10-10,
Quartz Hill 10-10,
Quicksilver 10-10.Closing quotations received by James T.
Mertz, were as follows:
Gold, 138 1/2; 1881 bonds, 112; 1862 5-20s,
113 1/2; 1864 do, 109 1/2; 1865 do, 109 1/2; Consols,
104-10; 10-10, 10-10, 10-10, 10-10,
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