

Established 1848

**SINGER, NIMICK & CO.**  
LIMITED**PITTSBURGH, Pa., U.S.A.**

MANUFACTURERS OF

Soft Centre Cruc. Cast

**PLOW STEELS**

Solid Cast, Open Hearth.

**Steel for SCUFFLERS** Cut to all  
Patterns

NARROW DIMS ROLLING COLTERS

**MR. HUGH RUSSEL**

Temple Building

5 St. James Street

MONTREAL

**STEEL****STEEL****LaBelle Steel Co.****PITTSBURGH, Pa.**

Manufacturers of

CRUCIBLE, SOFT CENTRE and SOLID

**STEEL**For Plows and Agricultural Imple-  
ments of all kindsHarrow Discs (plain and finished), Machin-  
ery Steel, Tool Steel, Axo Steel, Rake  
Teeth, and Miscellaneous Steel of all de-  
scriptions. For prices write to**W. G. BLYTH**

CANADIAN AGENT

34 YONGE STREET TORONTO

**Thompson & Co.**

SHERBROOKE, QUE.

—Manufacturers of—

**BOBBINS & SPOOLS**

every description for

**Woolen, Cotton &  
Rope Mills**Extra Facilities for supplying New  
Mills and filling large orders.

WRITE US.

**CROWN SMELTING CO.**  
**CHESTER, PA.****Bronze and Brass Castings**Inventors and  
Sole Makers of... **CROWN BRONZE**

FOR ALL MACHINERY BEARINGS

Makers of Phosphor Bronze, Babbit Metal and White Brass.

HEAVY CASTINGS A SPECIALTY.

**GUATIER STEEL DEPARTMENT OF CAMBRIA IRON CO.****JOHNSTOWN, PA.**

Manufacturers of

**MERCHANT BAR STEEL....**Including Tire, Toe Calk, Machinery, Carriage Spring, Railroad  
Spring, Hoe, Rake, Fork, Etc.**AGRICULTURAL STEEL AND SHAPES....**Finger Bars, Knife Backs, Rake Teeth, Bundle Carrier Teeth, Tedder Forks and  
Springs, Spring Harrow Teeth, Harrow (Drag) Teeth, Seat Springs, Etc.**PLOW STEEL...**Flat and Finished Plow Shapes, Digger Blades, Slabs, (Penn and Pernot) summer  
and Lay, Rolled Lay, Etc.**COLD ROLLED STEEL SHAFTING.****STEEL HARROW DISCS.**

: : Cambria Link Barb Wire. : :

New York Office,  
102 Chambers St.Philadelphia Office,  
S. W. Cor. 5th and Commerce Sts.Chicago Office,  
209 Phenix Building.Southern Office,  
Chattanooga, Tenn.**STEEL  
CASTINGS**From 1 to 40,000 pounds weight, of Open Hearth, Chester  
or Bessemer Steel.**TRUE TO PATTERN. SOUND. SOLID**Gearings of all kinds, Crank Shafts, Knuckles for Car  
Couplers, Cross-Heads, Rockers, Piston Heads, etc., for  
Locomotives. Steel Castings of every description.**CHESTER STEEL CASTINGS CO.**

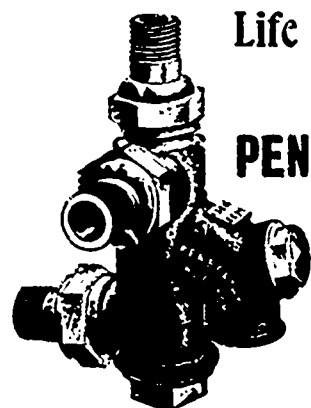
Works: Chester, Pa. Office: 407 Library St., PHILADELPHIA, Pa.

**Locomotive Tires, Axles, Crank-Pins,  
Cast Steel Driving Wheel Centres,  
Steel-Tired Wheels,****STEEL FORGINGS**

... UP TO SEVENTY TONS ...

**Jas. W. PYKE & Co., 35 St. Francois Xavier St., Montreal**

Sole Canadian Representatives of

**FRIED KRUPP, Essen and Magdeburg, Germany.**Life and Property are Endangered by the  
USE OF CHEAP BOILER APPLIANCES.

— THE —

**PENBERTHY STEAM SPECIALTIES**

Are Safe because they are Well Made and Thoroughly Tested.

**PENBERTHY** Automatic Injector,  
Valve Drip Water Gauge,  
Safety Crank Pin Oil, etc.

SEND FOR CATALOGUE.

**PENBERTHY INJECTOR CO., Detroit, Mich.**

Branch Factory at Windsor, Ont.