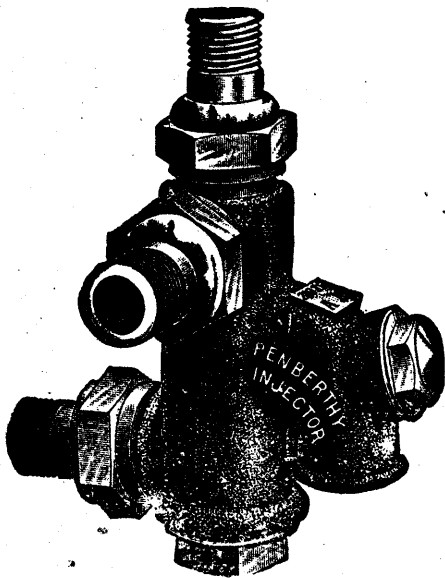


OFFICIAL NOTICE OF AWARD
WORLD'S COLUMBIAN EXPOSITION,
 CHICAGO, 1893.



UNITED STATES.
 DEPARTMENT F—MACHINERY.

Exhibitor: PENBERTHY INJECTOR CO. Address: Detroit, Michigan.

Group 77. Class 489.

Exhibit: AUTOMATIC INJECTORS, SINGLE JET TYPE.

80,000 IN USE

.. AWARD ..

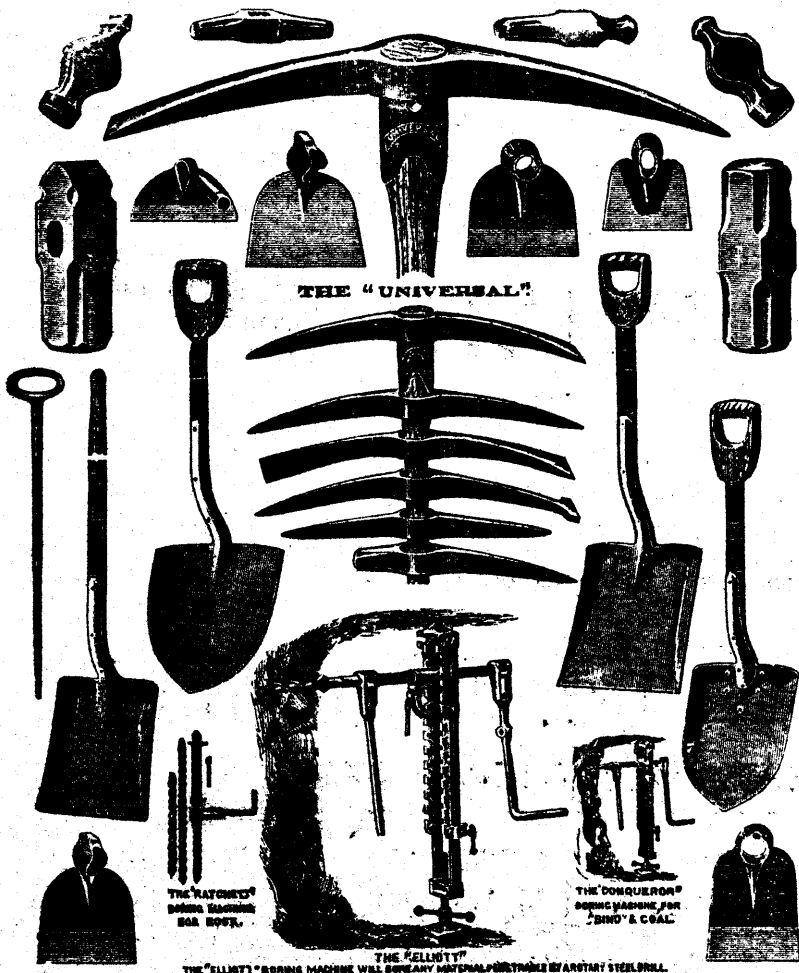
They are Efficient and Reliable, Simple in Design and Construction, thoroughly Automatic under varying conditions, showing great Lifting Power through Hot or Cold Suction Pipe, and are easily operated and capable of working under a broad range of possibilities.

Approved: JOHN A. ROCHE,
 President Departmental Committee.
 Date, June 8, 1894.

(Signed) O. EMERSON SMITH,
 Individual Judge.
 Approved: JOHN BOYD THACHER,
 Chairman Executive Committee on Awards.

PENBERTHY SPECIALTIES LEAD THE WORLD!

PENBERTHY INJECTOR CO. BRANCH FACTORY:
 DETROIT, MICHIGAN. **WINDSOR, : ONTARIO.**



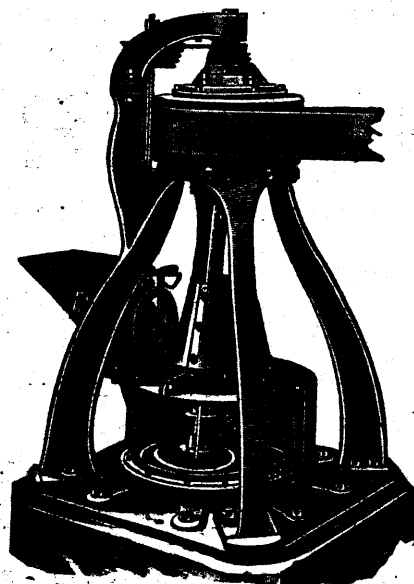
SPECIAL TOUGH MINERS DRILL STEEL.

THE HARDY PATENT PICK CO. Limited
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THE GRIFFIN MILL

The Only Perfect Pulverizer

OF QUARTZ, PHOSPHATE
 GOLD ROCK,
 OR SILVER FOUNDRY
 ORES, FACINGS,
 PLUMBAGO, And All Other
 PORTLAND Refractory
 CEMENT, Substances.



Will work either wet or dry, and deliver a finished product. Capacity, 3 to 4 tons per hour on Phosphate Rock, 1½ to 2 tons per hour on Portland Cement, Quartz or Ores, depending on hardness of material to be pulverized and fineness of product. Grinds from 30 to 250 Mesh with equal facility.

NO JOURNALS IN GRINDING CHAMBER. BALL RIGID ON SHAFT HAVING DIRECT POSITIVE ACTION ON MATERIAL. MINIMUM POWER PRODUCES MAXIMUM AMOUNT OF PRODUCT. IT IS ABSOLUTELY GUARANTEED IN EVERY RESPECT, BOTH AS TO CONSTRUCTION AND CAPACITY. FIRST COST, WEAR, AND OPERATING EXPENSE MUCH LESS THAN STAMP MILLS. A LARGE NUMBER OF MILLS IN USE ON DIFFERENT MATERIALS WITH POSITIVE SUCCESS IN EVERY INSTANCE.

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