

THE ACKNOWLEDGED  
**Perfect Pulverizer**

OF ALL REFRACTORY SUBSTANCES

IS THE

**"CRIFFIN MILL,"**

WHOSE first cost, wear, and operating expense is much less than stamp mills, and which yields a larger product at less cost than any other mill, with perfect success in every instance.

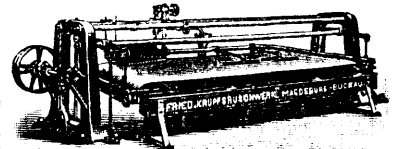
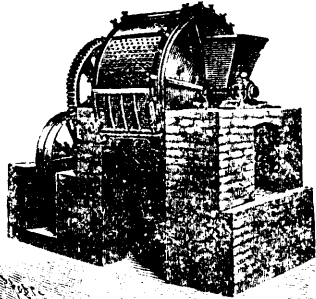
It will work by either the wet or dry process, and deliver a uniformly-sized finished product of from 30 to 350 Mesh, with equal facility. Its capacity is three to four tons per hour on Phosphate Rock; one and a half to two tons per hour on Portland Cement, Quartz Ores, etc.

Correspondence solicited, and Illustrated Descriptive Catalogue sent free by mail on application to . . . . .

**BRADLEY PULVERIZER CO.,**  
NO. 92 STATE STREET, BOSTON.

**FRIED KRUPP GRUSONWERK**

ENGINEERING WORKS,  
IRON AND STEEL FOUNDRY.



MINING & MILL MACHINERY—Gruson Rock and Ore Crushers of specially strong construction, Roller Mills, Stamp Batteries, Chrome Steel Shoes and Dies, Ball Mills with a continuous feed and Discharge improved system for reducing ores to any degree of fineness—more than 1,000 at work. Amalgamating Apparatus, Hydraulic Classifiers, Jig Machines, Harz and Bilharz Patterns, Round Bubbles, Improved Rotary Tables, Salsburg Tables, Sweeping Tables, Amalgam Cleaners, Amalgam-Distilling and Gold-Smelting Furnaces, etc.

**CYANIDE PLANTS—COMPLETE CONCENTRATION PLANTS.**

TWELVE AWARDS AT THE COLUMBIAN EXPOSITION.

AGENTS: CANADA—JAS. W. PYKE & SONS, 35 St. Francois Xavier St., MONTREAL.

UNITED STATES—THOS. PROSSER & SON, 14 Gold St., NEW YORK.

MEXICO—Oficina Tecnica de las Fabricas, de Fried Krupp, Essen y Fried Krupp Grusonwerk, Magdeburg-Buckau, Cadena 3, MEXICO.

SOUTH AFRICA—FRIED KRUPP GRUSONWERK, South African Agency, P.O. Box 399, JOHANNESBURG, S.A.R.

**MAGDEBURG-BUCKAU - - - GERMANY.**

**The Pelton Water Wheel**

\* \* \* \* \*

Affords the most Simple, Economical and Reliable Power for Mining and other purposes.

\* \* \* \* \*

6,000—WHEELS NOW RUNNING—6,000



While opinions may differ more or less as to the merits of other Water Wheels, there is but one opinion in regard to the PELTON.

It gives more value for the money than any other appliance known.

CATALOGUES FURNISHED ON APPLICATION.

Address, PELTON WATER WHEEL CO., "Dept. H.," 121 Main Street.

SAN FRANCISCO, CAL.

**THE CALIFORNIA**

THE CELEBRATED

**HAMMERED STEEL SHOES AND DIES**

Warranted not to chip off or batter up. A HOME PRODUCTION.

Best Refined Cast Tool Steel, Well Bit Steel, Heavy and Light Iron and Steel Forgings of all Descriptions.  
218 & 220 Folsom St. **GEO. W. PENNINGTON & SONS,** San Francisco, Cal.