

[ESTABLISHED 1850.]

**VULCAN IRON WORKS CO.**

Nos. 137 and 139 First Street,

**IRON FOUNDERS, STEAM BOILER MAKERS,  
AND  
STEAM ENGINE BUILDERS.**

The Machine Shop possesses the greatest number and the largest dimensions of Tools in the State. They have Lathes to turn nine feet in diameter and thirty feet long. Their other facilities for executing work rapidly and efficiently are unsurpassed. Upwards of 300 Steam Engines, made at their own Works, are now running in this State and Oregon, in Steamboats, Quartz Mills, Saw and Flouring Mills.

Their Boiler Works have turned out upwards of 600 Steam Boilers of all kinds.

**MACHINERY.**

Quartz Mills, Flour Mills, Hydraulic and other Presses, Hoisting Machines, Gearing Pullies, Gudgeons, Boxes, Hangers, Etc. Etc., in Great Variety.

**QUARTZ STAMPERS, SHOES AND DIES,**

Warranted to be made of the very hardest and toughest Iron.

**RAILROAD MACHINERY,**

Locomotives, Cars, Chilled Wheels and Tires, Etc.

☞ A Published List of the Patterns of these Works will be sent on application.

MANUFACTURERS OF

**Jonval's Turbine Water Wheels,**

The CHEAPEST, MOST PORTABLE and EFFECTIVE MACHINE ever invented for the application of Water as a Motive power. THESE WHEELS ARE MADE ENTIRELY OF IRON, simple and not liable to get out of order.

**VULCAN IRON WORKS COMPANY,**

P. TORQUET, Manager. SAM. AITKEN. C. R. STEIGER. RICHARD IVERS.

☞ A DIPLOMA was awarded to this Company for the BEST California-Made STEAM ENGINE, by the MECHANICS' INSTITUTE, September, 1857.

**C. VAN NESS,**

MANUFACTURER OF

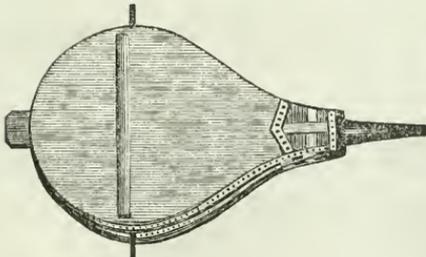
BLACKSMITHS'

**BELLOWS,**

California St., bet. Davis and Drumm,

Second floor of Thomas' Steam Planing Mill,

SAN FRANCISCO,



Where may be found, constantly, a full assortment of Bellows of my own manufacture, which for durability, and raising the wind, have no equal.

THE PATRONAGE OF THE TRADE MOST RESPECTFULLY SOLICITED

N. B.—Extra Bellows made to order and warranted. Repairing and re-clothing done at short notice.