

# BROWELL'S

## SALAMANDER CHIMNEY STACKS,

PATENTED APRIL 1, 1873.

Made of Fire Clay without Brick or Mortar. No decay to them.

No Danger, No Repairing, No Dirt, No Trouble, Perfect Ventilation.

Cheap, Light, Portable, Fire-proof, Earthquake-proof.

The inventor of these complete Chimney Stacks is satisfied that he is offering to the public something that will be appreciated by every householder. They are particularly well adapted for the ventilation and heating of Churches, School houses, Theaters, and all kinds of public or private buildings. So universal is their application that they can be readily set on any fire-place, or outside of brick or frame buildings; in fact, they may be placed in any part of the house with perfect safety without going to the foundation. Can also be applied to cooking stoves, ranges, blast furnaces, pottery kilns, etc.

This improvement consists in constructing the chimney or stack of sections of fire-clay, earthenware, cement, or artificial stone, and surrounding said chimney with a metallic tube larger than the chimney, in order to provide the necessary ventilation for keeping the inner pipe cool, and for furnishing warm air to the rooms of the house. It also consists of a novel arrangement for binding the sections together in their upright position, and for fixing and protecting the joints where they meet.

By constructing chimneys in the above manner, all trouble about burning or wearing out is entirely avoided. They can be transported readily to any part of the State, and put in place by any mechanic. Their adoption has been recommended by leading architects in San Francisco and throughout the State, and by Fire Insurance Companies generally.

State and County Rights for Sale in every State and Territory, except California. Apply by letter or in person to the patentee.

**J. BROWELL, 442 Jackson St.,**

**San Francisco, Cal.**

For full description see Circulars.

## O. B. FENNER,

No. 7 FIRST STREET, San Francisco, Cal.

## MACHINIST, MODEL MAKER

And Manufacturer of all kinds of fine Machinery, such as used by Jewelers, Silversmiths and Watch Makers. Die Sinker and Engraver on Steel. Cast Steel Rolls, plain, or for wire, all sizes, for hand or steam power. Also, Chilled Iron Rolls of any size, for Mint purposes. Power Presses, with screw or lever; Turning and Polishing Lathes; Ingot Moulds, for bars, wire or bricks; Cutters, Arbors, round or oval; Flatteners, Polishing Laps, Planishing Hammers and Stakes, etc., etc.

Old Rolls hardened, ground, polished and warranted true. Machines built from drawings or models, when requested, in strict confidence.