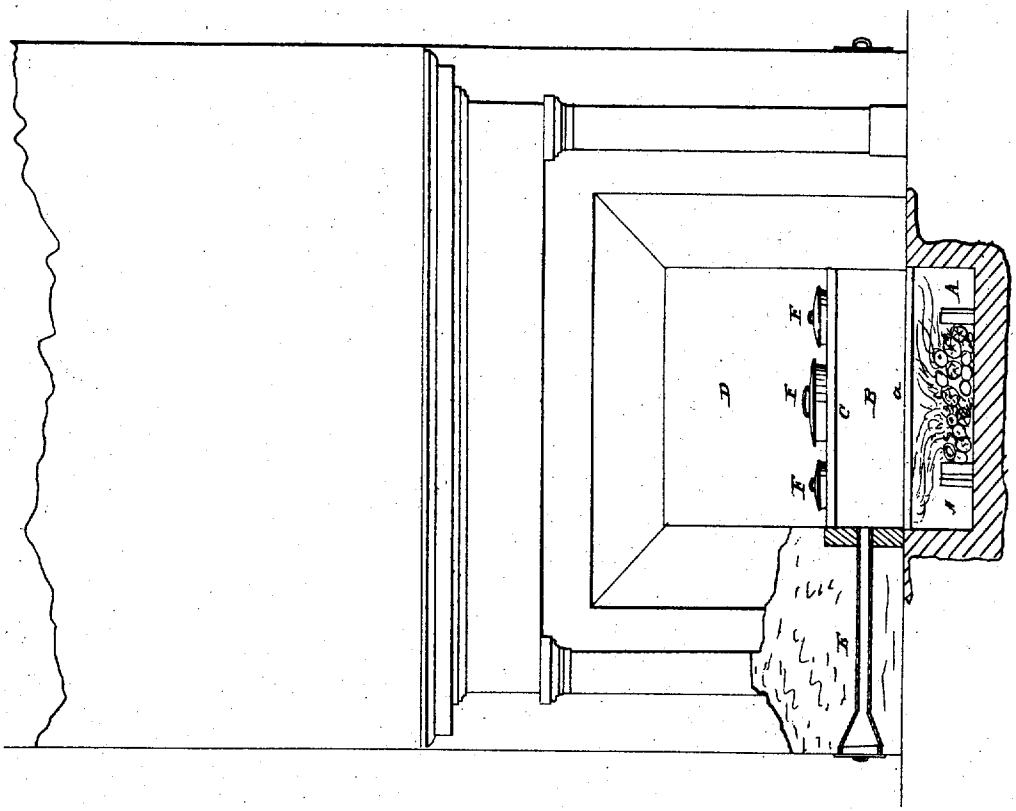
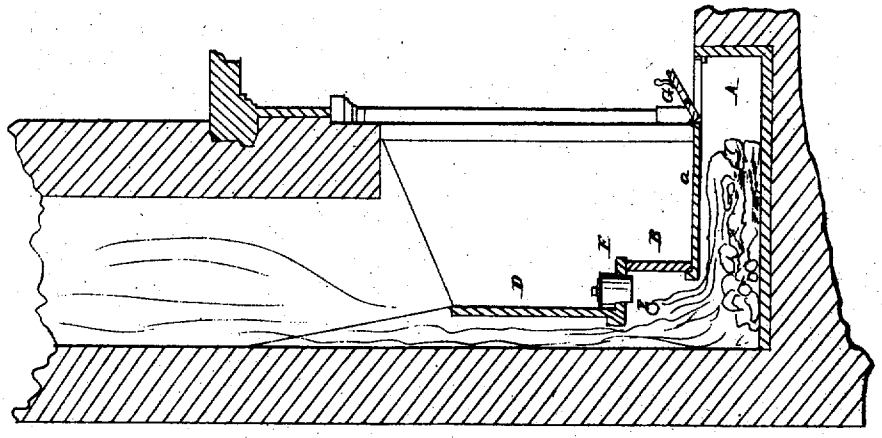
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Bean & Skinner,

Fire Place.

Patented June 12. 1835.





8870X June 12 1835 364

Ira F. Bean (and) Elijah Skinner's Fire Place.

Letters Patent.

The Schedule referred to in these Letters Patent and making part of the same containing a description in the words of the said Ira F. Bean (and) Elijah Skinner themselves of their improvement in the common fire place

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To all to whom these Presents shall come

Be it known that we Ira F. Bean (and) Elijah Skinner of Sandwich in the County of Strafford (and) State of New Hampshire have invented a new (and) useful improvement in the common fire place (and) that the following is a full (and) exact description of the construction of said improvement as invented by us. In the hearth of a common fire place we make a box of stone work or cast iron about eight inches deep, (and) equal in length to the width of the back of the fire place (and) extending outward from the back eight inches further than the jambs or coving. We then cover this box in part with a horizontal cast iron plate made level with the top of the hearth, with a edge on the back & fore edge, (and) extending inward so far as to leave an open space between this (and) the back of the fire place sufficient to receive the false back herein after described. We then set on end to the top of the back edge of this cover a perpendicular cast iron plate about eight or ten inches high (and) upon the top of this we place horizontally another cast iron plate with a ledge upon the back & fore edge, (and) wide enough to cover the whole opening left for the false back except a sufficient place for a flue in the back of the fire place. And in this cover or plate we make openings to receive boilers of different sizes with covers to the openings as in cooking stoves. We then place perpendicularly upon the back edge of the cover of the false back a plate of sheet or cast iron extending up-ward far enough (and) at a proper distance from the back of the fire place to form a sufficient flue to conduct the smoke into the throat of the chimney. We then make the ends of the false back of stone work or cast iron so as to make a neat finish for an open fire place, (and) when we wish to use it as such, we extend the front of the false back upward, if necessary by a plate of sheet iron any required height. We also make in the cover of the box in the hearth a door

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near the front to receive the fuel, with a small apperture in the door to give the necessary draught. We have a small cast iron flue leading from one or both ends of the boy, (and out through the hearth at or near the corner of the jambs, so constructed as to receive funnels to convey the heat more directly into the room when necessary), (and in the flue in the back aforesaid (and in the funnels we have dampers to regulate the heat. We use the boy in the hearth, and the flues (and funnels without any false back) if we choose so to do, or we use the false back with the back flue without the funnels or boy in the hearth in which case we have an opening in the front of the false back to put in the fuel. What we claim as new (and our invention or improvement) is the construction of the boy in the hearth, (and the arrangement (and application of the same with the flues, funnels (and false back, to common open fire places. The object of which is to save room (and fuel, furnish a cheap (and convenient apparatus for cooking (and at the same avoid the impure air occasioned by) close stoves, (and the steam from cooking stoves. Sandwich Nov 1. 1834.

Sgd. (Witness
Daniel Hoit)
Hand Ambrose)

Ira A. Beare
Elijah Skinner

Drawing Made

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