

J. HOUGHTON.
Cooking Stove.

No. 1,601.

Patented May 12, 1840.

Fig. 1.

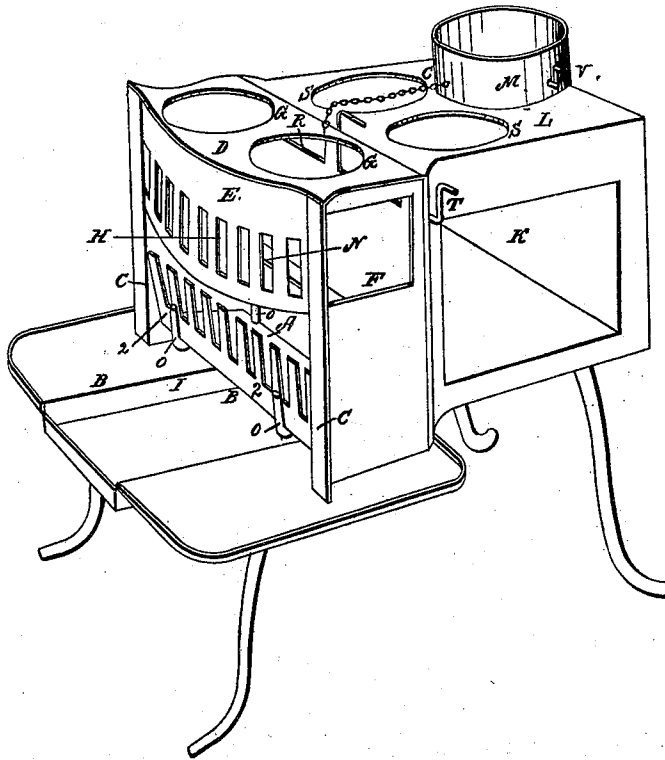
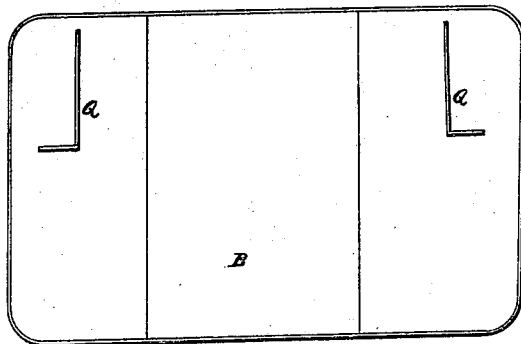


Fig. 2.



UNITED STATES PATENT OFFICE.

JOEL HOUGHTON, OF OGDEN, NEW YORK.

CONSTRUCTION OF THE FRANKLIN COOKING-STOVE AND CAUSING THE JAMBS TO RISE OR FALL THROUGH THE APRON.

Specification of Letters Patent No. 1,601, dated May 12, 1840.

To all whom it may concern:

Be it known that I, JOEL HOUGHTON, of Ogden, in the county of Monroe and State of New York, have invented a new and useful Improvement in the Franklin Cooking-Stove, which is described as follows, reference being had to the annexed drawings of the same, making part of this specification.

Figure 1 is a perspective view of the stove.
10 Fig. 2 is a top view of the bottom plate.

As this stove resembles generally the common Franklin cooking stove it will not be necessary to describe minutely the parts which are not new but only those which are intended to be claimed as original.

15 A represents the Franklin fire place, B the hearth, C C the jambs, D the top plate which joins them together, E the breast, F the door in the jamb for putting in wood, 20 G G openings in the top plate for boilers, H a vertical curved grating, I the slide plate in the hearth, K the oven at the back of the Franklin, L plate above the oven perforated for boilers, M the pipe for conducting the smoke away, S S holes for boilers in top plate, N throat or flue in the back of the Franklin, O O swivel andirons, V a crank attached to a shaft passing horizontally across pipe M for winding up a 30 chain attached to the jambs for raising said jambs, T crank attached to damper R so constructed as to be turned down horizontally and let the smoke off from the top back corner of the Franklin, or to be turned 35 up perpendicularly and stop the said flue and turn the fire through throat N.

Q Q (Fig. 2) are openings in the bottom plate corresponding in shape with the jambs to let the said jambs pass through as the 40 top plate is lowered to bring boilers G G down to the fire.

22 is a grate placed on the andirons for burning coal, the andirons O O are thrown forward when used for a Franklin and back

out of the way when used for a cooking 45 stove being hung in the manner of a crane at the back of the fire place and will swing back or forward at pleasure. The jambs and the top plate being connected together of course rise and fall together by means 50 of the chain attached to the top plate and wound around the revolving crank shaft.

In the use of this stove as a common Franklin the jambs are drawn up so as to open the fire place A letting the smoke and 55 heat through at the flue and damper R under boilers S S and off at pipe M making a beautiful Franklin or open fire without moving the same. When the boilers G G are required and the oven for baking; the 60 jambs C C, the top plate D and breast E (all joined together) are lowered so as to bring the boilers G G directly over and close to the fire closing the upper flue by turning damper R up perpendicularly and 65 throw the fire through throat N when the whole is heated up.

Two rooms may be accommodated by this stove as follows: Let the partition cross it at the rear of the Franklin in one room is 70 an open fire or two boilers (which may best please). In the other the oven pipe and two boilers thus supplying both rooms with heat and cooking apparatus at the same 75 sime and all going on by one fire.

What I claim as my invention and which I desire to secure by Letters Patent is—

Making the jambs of the stove or Franklin to lower through the apron of the same so as to bring the boiler holes that are above 80 the jambs immediately over the fire the whole being constructed and operating as herein set forth.

JOEL HOUGHTON.

Witnesses:

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ALBERT P. GROVER.