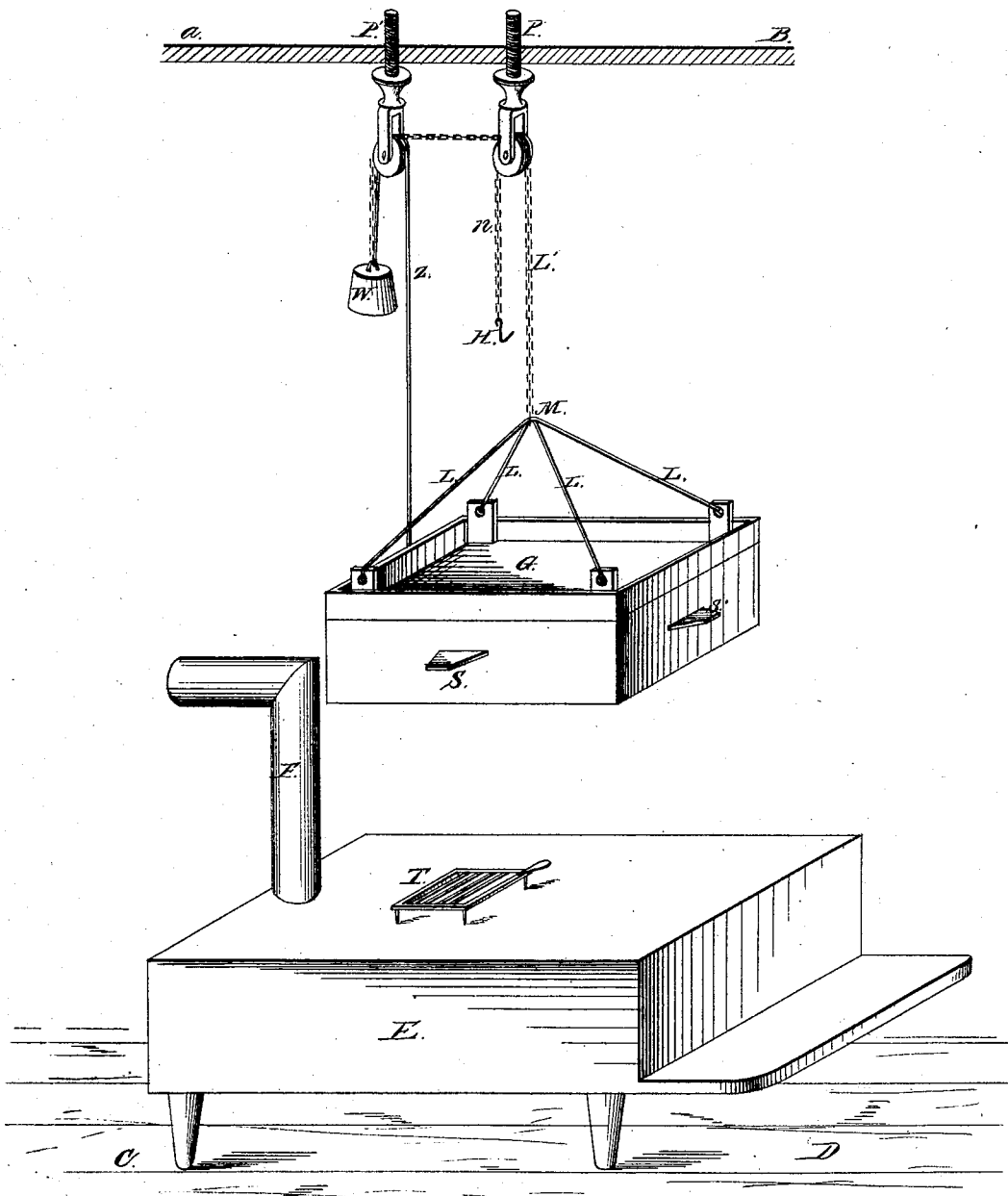


D. M. SMALL.

Supplementary Ovens for Cooking-Stoves.

No. 149,075.

Patented March 31, 1874.



Attest

Chas H. Courant
George Tuscott

Inventor

Dexter M. Small

UNITED STATES PATENT OFFICE.

DEXTER M. SMALL, OF LEWISTON, MAINE.

IMPROVEMENT IN SUPPLEMENTARY OVENS FOR COOKING-STOVES.

Specification forming part of Letters Patent No. **149,075**, dated March 31, 1874; application filed December 10, 1873.

To all whom it may concern:

Be it known that I, DEXTER M. SMALL, of Lewiston, in the State of Maine, have invented a Supplementary Oven and Steam-Condenser for Cook-Stoves, of which the following is a specification:

The accompanying drawing gives a perspective view of all the parts as seen in connection with a stove.

A B represents the ceiling, and C D the floor, of a room; E, a stove, of which F is the funnel. G represents the oven and condenser, which is made of tin, galvanized iron, sheet-iron, or other suitable material. It has four sides and a top, but no bottom, being deep enough to shut down over the kettles, and of the same size and shape as the top of the stove. The top of said oven, &c., is made flat, to afford a convenient place for putting articles of food to be kept warm, the sides of it being made to extend up an inch or so above the flat top, as seen in the drawing, to prevent articles placed thereon from sliding off when said oven, &c., is being raised or lowered. L L L represent four wires, chains, ropes, or something of the kind, attached one to each of the upper corners of said oven, &c., as in the drawing, all meeting at the point M directly over and about two feet above the center of the top of it, where they are attached to another chain, wire rope, or something of the kind, L', which passes up and over the screw-pulleys P and P', thence down on the back side of the stove. To the end of the chain L' is attached a weight, W, which just balances said oven, &c., which can consequently be raised very easily to any point desired by

means of the handle S, and will remain there. The pulley P' is used to carry the weight W back, so that in descending it will not interfere with said oven, &c., thus enabling it to be raised higher than it otherwise could be, which is absolutely essential for convenience, and also avoiding the danger of the weight's falling upon it and breaking the dishes or destroying the food which might be thereon. Said pulley P' is also used for the wire, chain, rope, or something of the kind, Z, to run over, as in the drawing, said wire Z being attached to the upper edge of the back side of the oven, &c., and extending up over said pulley P', and attached to the weight W, as in the drawing, for the purpose of steadying said oven, &c., and keeping it from revolving or swinging when raised above the stove. N is another wire, chain, rope, or something of the kind, attached to the pulley P, as in the drawing, so as not to interfere with its revolving, and extending down within four feet or so of the top of the stove. To the end of said chain N is attached a hook, H, by means of which said oven, &c., can be kept elevated when articles are placed thereon which more than counterbalance the weight W, said hook H being placed beneath the chain L' at the point M.

I claim as my invention—

The combination of the wire Z and pulley P' with weight W, oven and condenser G, wires L L L, wire or chain L', and pulley P, substantially as described.

DEXTER M. SMALL.

Witnesses:

CHAS. S. CONANT,
GEORGE TRESCOTT.