

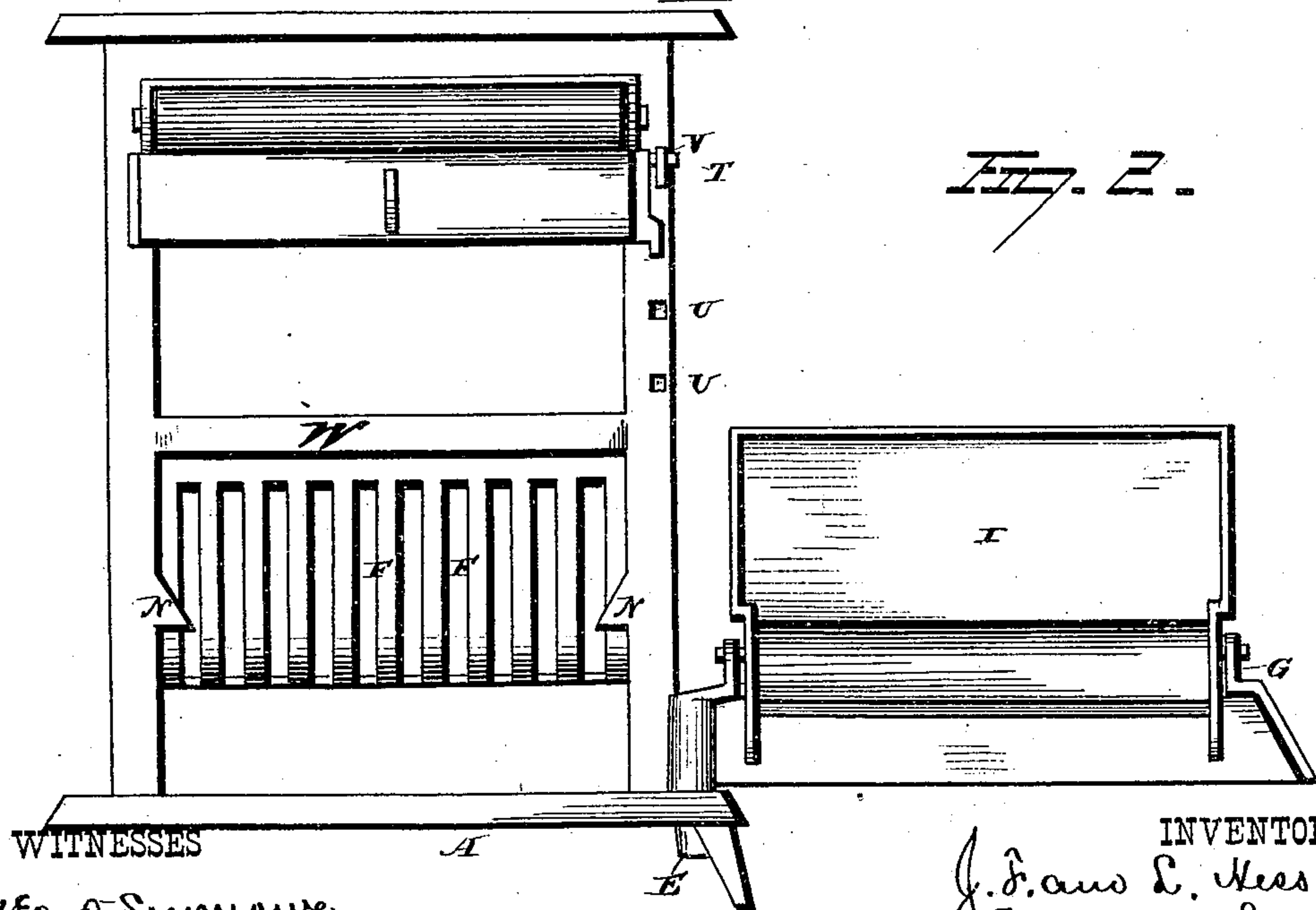
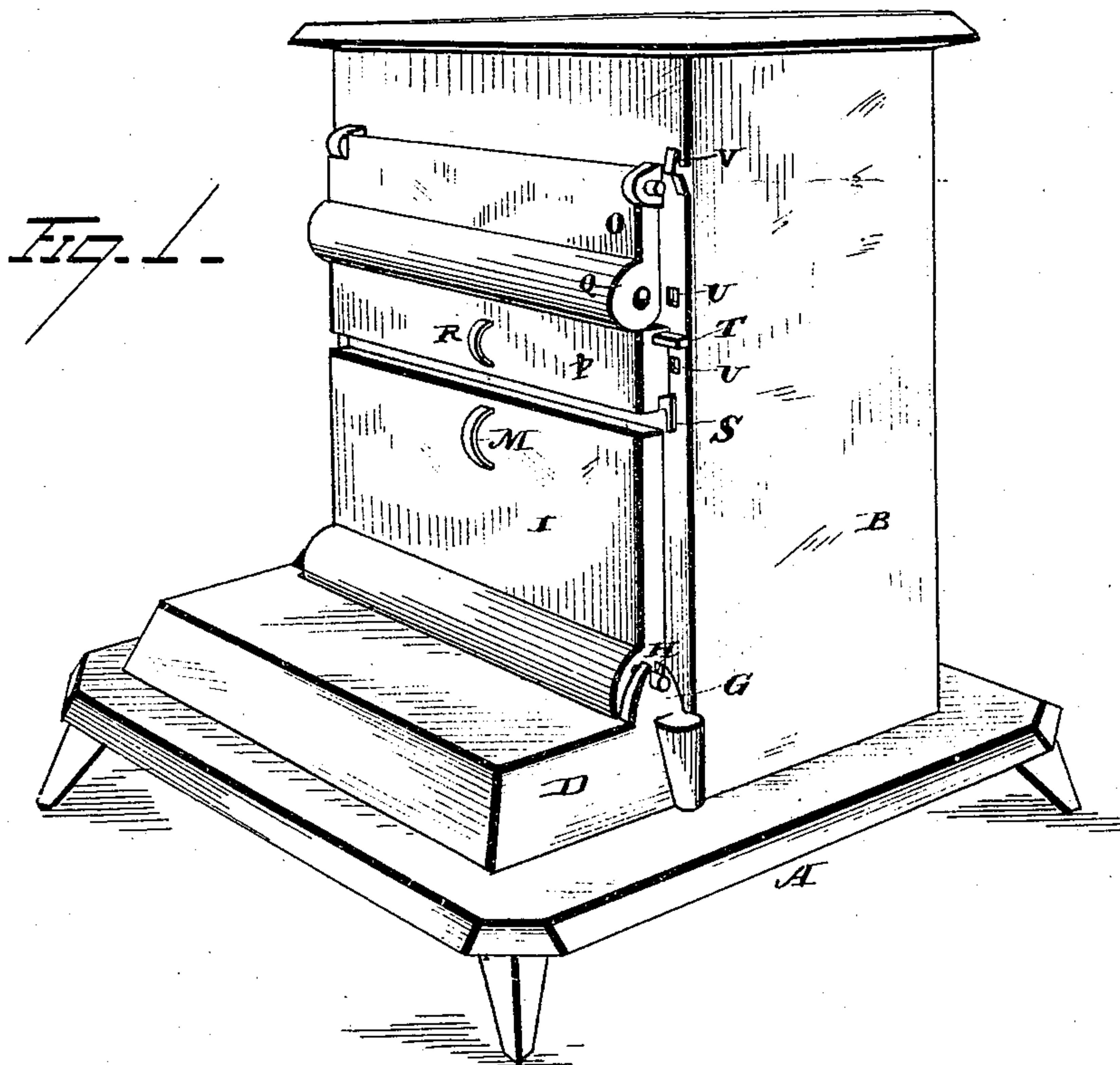
(No Model.)

2 Sheets—Sheet 1.

J. F. & L. HESS.
OPEN PARLOR HEATING STOVE.

No. 250,356.

Patented Dec. 6, 1881.



WITNESSES

Geo. S. Symonds.
E. L. Nottingham

INVENTORS

J. F. and L. Hess
By Siggett and Siggett.
ATTORNEYS

(No Model.)

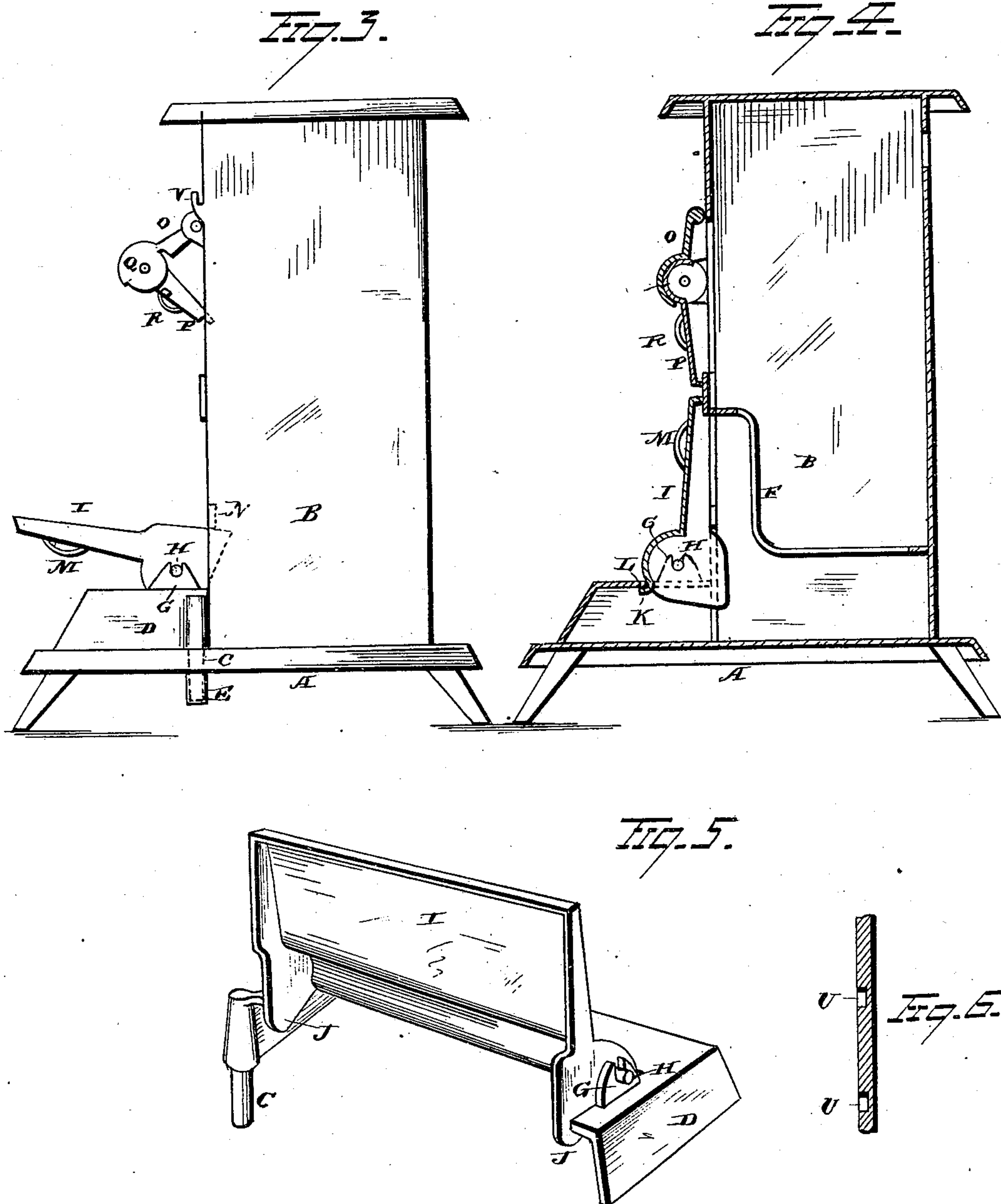
2 Sheets—Sheet 2.

J. F. & L. HESS.

OPEN PARLOR HEATING STOVE.

No. 250,356.

Patented Dec. 6, 1881.



WITNESSES

Geo. W. Seymour
E. D. Nottingham

INVENTORS

J. F. and L. Hess
By Liggitt and Liggitt
ATTORNEYS

UNITED STATES PATENT OFFICE.

JACOB F. HESS AND LENERD HESS, OF MASSILLON, OHIO.

OPEN PARLOR HEATING-STOVE.

SPECIFICATION forming part of Letters Patent No. 250,356, dated December 6, 1881.

Application filed August 6, 1881. (No model.)

To all whom it may concern :

Be it known that we, JACOB F. HESS and LENERD HESS, of Massillon, in the county of Stark and State of Ohio, have invented certain new and useful Improvements in Stoves; and we do hereby declare the following to be a full, clear, and exact description of the invention, such as will enable others skilled in the art to which it appertains to make and use the same, reference being had to the accompanying drawings, and to letters of reference marked thereon, which form a part of this specification.

Our invention relates to an improvement in stoves.

The object of the invention is to produce an improvement in that type of stoves generally known as "open parlor heating-stoves;" and the invention consists in certain features of construction and combinations of parts, as will hereinafter be described, and pointed out in the claims.

In the accompanying drawings, Figure 1 is a view, in perspective, of a stove constructed in accordance with our invention. Fig. 2 is a front elevation of the stove with the combined fender and blower swung to one side in an open position. Fig. 3 is a view, in side elevation, showing the upper draft-door part way open and the blower in its open position. Fig. 4 is a vertical section. Fig. 5 is a detached view of the combined fender and blower; and Fig. 6 is a detached view, in vertical section, of a portion of the stove-front.

A represents the base of the stove, and B the body, the latter having a flat front secured thereto.

D is a swinging fender, located on the front portion of the stove-base A. To one end of the fender, at its rear corner, is cast or secured a stud, C, which is received in a socket, E, formed in the base A, thereby enabling the fender to be swung to one side, as illustrated in Fig. 2, and allow the ash-pan to be readily inserted under and withdrawn from under the grate F. Each end of the fender D is provided with upright lugs or plates G, which are constructed with open bearings, in which are received the journals H, formed in or attached to the opposite ends of the lower portion of the blower I, thereby permitting said blower to be swung vertically in its adjustment.

In order that the pivoted or hinged blower

may be retained in its closed position without locking, the open bearings in the lugs or plates G are located at such distance from the front of the stove that the blower will incline toward the stove, and thus be retained in place by its gravity. The same result can be attained by weighting the depending sides J of the blower. Said weights, being situated between the bearings and the front of the stove, would serve to retain the blower against accidental displacement; but a comparatively light weight will be required to retain the blower in its upright position. When the blower is turned down the weight is not sufficient to raise it again, and thus it (the blower) is adapted to be retained in its open or closed position.

An outwardly-projecting flange, K, formed on the lower edge of the blower, is adapted to fit against the under side of the forward edge, L, of the fender, and thus prevent the blower from falling forward when swung to one side. The blower is also provided with a handle, M, by means of which it may be lifted off the fender and set aside.

To the opposite sides of the stove-front are attached the stops N, with which engage the lower ends of the sides of the blower and thereby support the latter in half-open position when so desired. The front of the stove is furnished with a folding and vertically-adjustable door, located just above the grate F. This door is composed of the upper and lower sections, O and P, the adjacent edges of which are curved to form the knuckle-joint Q. Section O of this door is pivoted at its upper edge to the front of the stove, while the lower section, P, is provided with a handle, R, for raising and lowering the door. The lower section, P, is also provided with the lugs S and T. The lug S is adapted to be inserted in any one of a series of sockets, U, formed in the stove-front, and thereby retain the door in a partly-open position. When it is desired to open the door to its fullest extent the section P is folded upon the upper section, O, and the door swung upwardly and the lug T inserted in the notch V formed in a slight projection on the stove-front. The lower edge of the folding door and the upper edge of the blower rest against a transverse bar, W, when said parts are in a closed position.

The operation of the stove will be so well understood by those conversant with this type

of stoves by reference to the drawings alone that it will be unnecessary to enter into a detailed explanation of the function and operation of all the several parts heretofore referred to.

5 When it is desired to start a fire or to increase the combustion the blower is closed and the ordinary damper (not shown but located in the fender or other desired place) is opened, and the blower operates the same as the ordinary
10 blower. When it is desired to slacken the draft the blower is swung open. The folding-door may be opened to any desired extent, according to the amount of air desired to be admitted over the bed of fuel.

15 It is apparent that many slight changes in the form and construction of parts may be resorted to without involving a departure from the spirit of our invention, and hence we do not limit ourselves to the exact form and construction of parts shown and described; but,
20

Having fully described our invention, what we claim as new, and desire to secure by Letters Patent, is—

1. The combination, with a swinging fender,
25 of a blower journaled upon said fender, substantially as set forth.

2. The combination, with a fender pivoted at one end to the base of a stove, of a blower removably journaled upon said fender, substantially as set forth.
30

3. The combination, with a fender, of a blower journaled in the fender, said blower having its sides weighted at their lower ends, substantially as set forth.

35 4. The combination, with a fender and a blower journaled on the fender, said blower having its sides constructed to project below its journals, of stops attached to the stove-front,

and adapted to retain the blower in a partly-open position, substantially as set forth. 40

5. The combination, with a pivoted fender, of a blower journaled on the fender, said blower being constructed with an outwardly-projecting flange at its lower edge that fits against the under side of the fender, substantially as set forth. 45

6. The combination, with a stove provided with a vertical series of sockets or depressions in its front, of a hinged door composed of two folding sections, the lower section being provided with a lug that is adapted to be inserted in any one of the sockets or depressions in the stove-front, and thus retain the door in a partly-open position, substantially as set forth. 50

7. The combination, with a stove provided with a notch formed in a projection on the stove-front, of a hinged door composed of two folding sections, the lower section being provided with a laterally-projecting lug, which is adapted to be inserted in said notch and retain the door in its open position, substantially as set forth. 55 60

8. The combination, with a stove, of a hinged door composed of two folding sections, the adjacent edges of said sections being united by a knuckle-joint, and devices for retaining the door in any desired adjustment, substantially as set forth. 65

In testimony that we claim the foregoing we have hereunto set our hands.

JACOB F. HESS.
LENERD HESS.

Witnesses:

ISAAC H. BROWN,
F. EDWARD SNYDER.