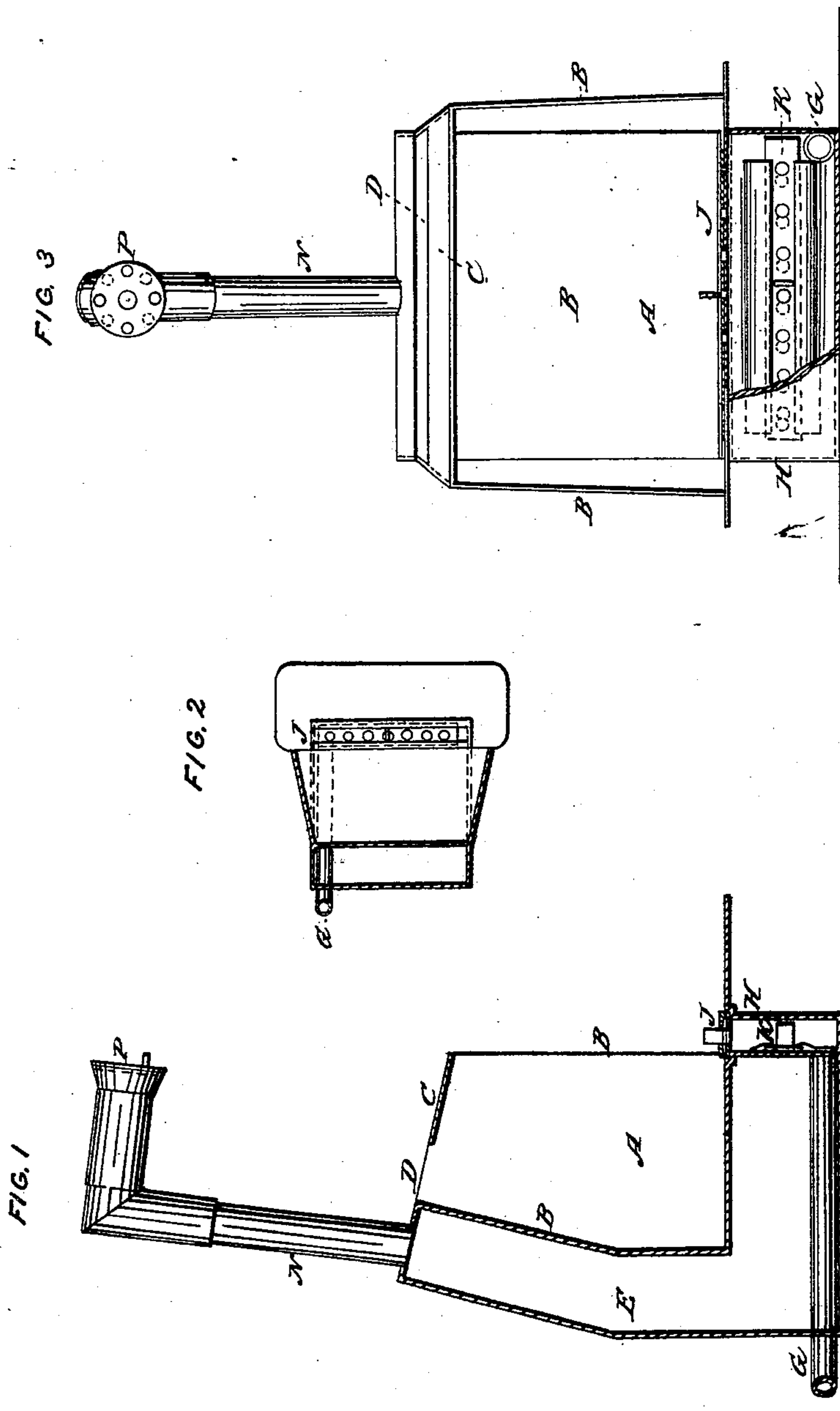


J. M. CROCKETT.

Fireplace.

No. 95,660.

Patented Oct. 12, 1869.



WITNESSES:

A. C. Glink
J. M. Crockett

INVENTOR:

James M. Crockett
By his Atty - J. P. Riggs

United States Patent Office.

JAMES M. CROCKETT, OF NEWBERN, VIRGINIA.

Letters Patent No. 95,660, dated October 12, 1869.

FIRE-PLACE.

The Schedule referred to in these Letters Patent and making part of the same.

To all whom it may concern:

Be it known that I, JAMES M. CROCKETT, of Newbern, Pulaski county, State of Virginia, have invented an Improved Heater and Ventilator combined; and I do hereby declare the following to be an exact description thereof, reference being had to the accompanying drawings, and to the letters of reference marked thereon, making a part of this specification, in which—

Figure 1 represents a side elevation and vertical section of the heater and ventilator.

Figure 2, a top view of the same.

Figure 3, a front view of the same.

The nature of my invention consists in the air-chamber at the back and bottom of the fire-place, with the cold-air pipe extending to the rear, with a front box containing a side and top damper, to regulate the supply of air to the air-chamber and fire-place.

A represents the heater and open fire-place, and

B B, the side-plates of the fire-place.

C is the front arch or cross-bar at the top.

D is the throat or chimney.

E represents the air-chamber at the back and bottom of the fire-place.

G is the cold-air pipe, through which the cold air is conducted into the air-chamber E, from behind the chimney, or from any place that the pipe may be extended from without, or outside of the building.

The pipe G extends to the front box H, that is regulated by a lower and upper damper, J and K.

The lower damper K is intended to regulate the supply of air to the chamber E, to be passed upward through the flue N above, that is also regulated by a register, P, in the upper room.

The damper J of the box H regulates the draught and supply of air upon the fire.

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

The arrangement of the side-plates B B, the air-chamber E, cold-air pipe G, box H, with its upper and lower dampers J and K, when constructed and arranged as herein described, and for the purposes set forth.

JAMES M. CROCKETT.

Witnesses:

J. FRANKLIN REIGART,
EDM. F. BROWN.