

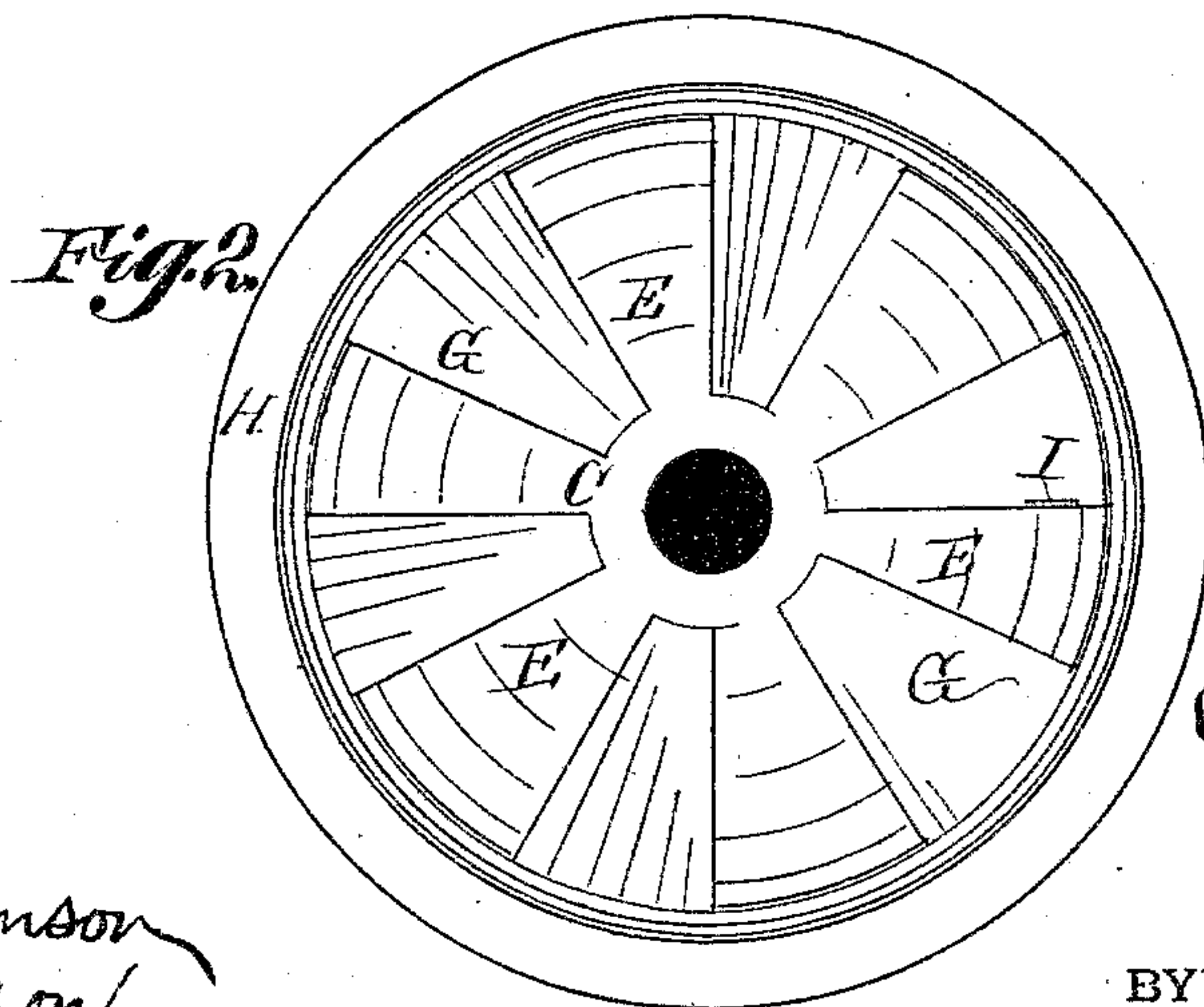
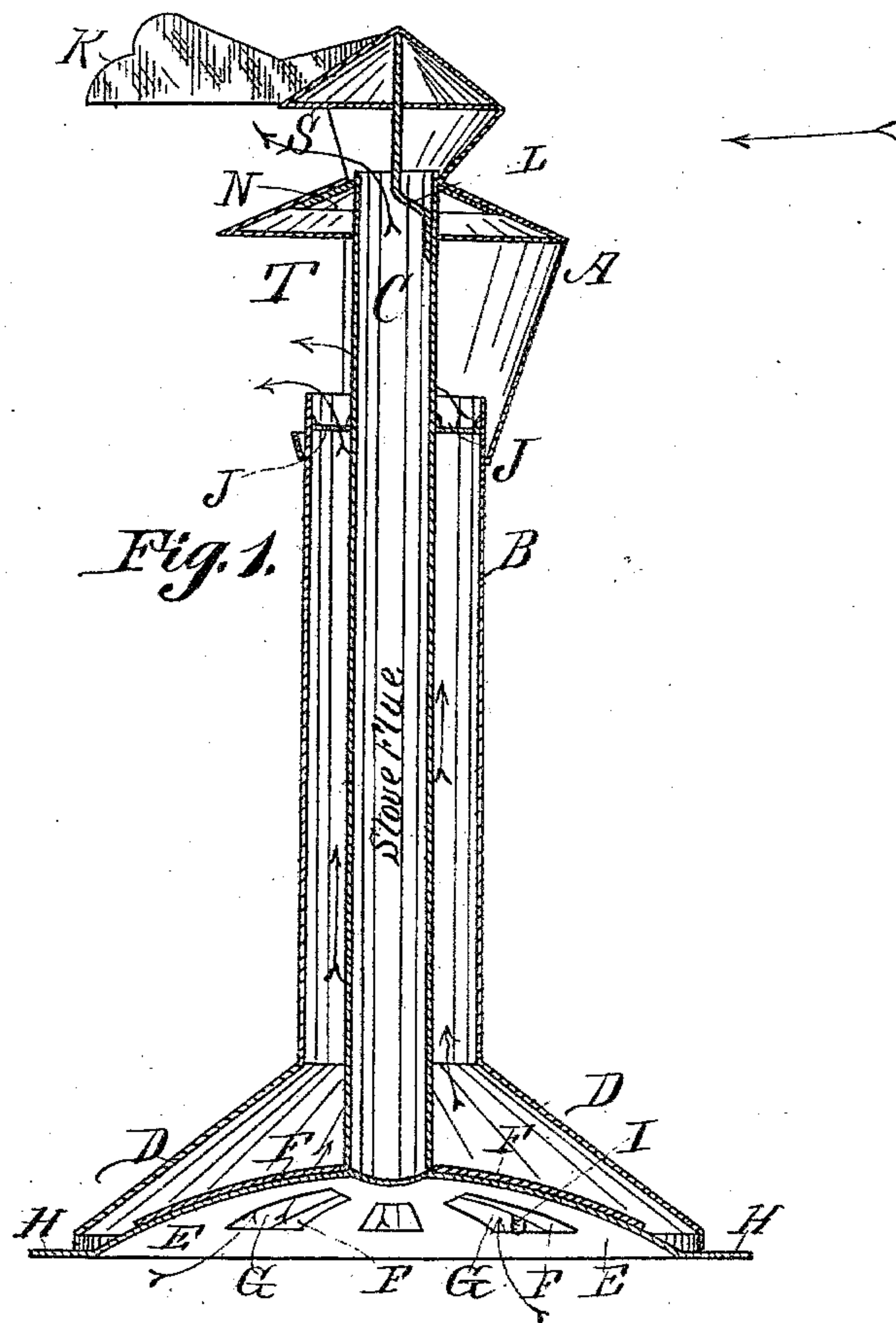
(No Model.)

A. S. JACKSON.

COMBINED CHIMNEY AND VENTILATOR.

No. 303,288.

Patented Aug. 12, 1884.



WITNESSES:

C. E. Adamson  
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Allen S. Jackson

INVENTOR.

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# UNITED STATES PATENT OFFICE.

ALLEN STAMPER JACKSON, OF KOKOMO, INDIANA.

## COMBINED CHIMNEY AND VENTILATOR.

SPECIFICATION forming part of Letters Patent No. 303,288, dated August 12, 1884.

Application filed March 28, 1884. (No model.)

*To all whom it may concern:*

Be it known that I, ALLEN S. JACKSON, a citizen of the United States, residing at Kokomo, in the county of Howard and State of Indiana, have invented a new and useful Combined Chimney and Ventilator, of which the following is a specification.

My invention relates to improvements in combined chimney and ventilators; and it consists in constructing a combined chimney and ventilator with a concaved registry-base and a double revolving cowl over said chimney and ventilator.

The objects of my invention are to construct a cone-shaped base for the ventilator-flue with a concaved registry-plate under it, and to provide a double half-open cowl to revolve over said ventilator and flue-pipes. I attain these objects by the mechanism illustrated by the accompanying drawings, in which—

Figure 1 is a vertical section, and Fig. 2 is a bottom view.

Similar letters refer to similar parts.

The concaved register-plate E is provided with a rim or flange, H, and slots G, all as shown. The cone-shaped cover D is placed over said plate, resting around it on the rim H, and made to stand a few inches above said plate, as shown in Fig. 1. The upper part of the cover D is formed into or connected to a large pipe, B, which extends above the house top or roof. Around the center or upper part of the plate E the stove-pipe or chimney C is connected and extends up through and several inches above the ventilator-pipe B, the said chimney-pipe C being considerable smaller than the pipe B, all as shown in the drawings. A similar concaved plate, F, having similar openings G, is placed over the said plate E, so that it will revolve sufficiently to open or close

the said openings G, to regulate the ventilation. A projection, I, is formed on the said plate F, so that it can be operated at will. Around the top of pipe C a flange, N, is secured. On this flange the double cowl A is movably secured, so that it will easily revolve. A rod, L, which is secured inside of the pipe C, extends up sufficiently to allow the top of the cowl A to rest on it, all as shown in Fig. 1. The cowl A is provided with a rudder, K, so as to keep the closed side to the wind, as indicated by the arrows. The part of the cowl under the rudder is open, so that the smoke can escape at the upper opening, S, and the heated air, vapor, &c., at the opening T, as indicated and shown in the drawings. The lower part of the cowl A encircles the top of pipe B, and the said pipe is held by braces J firmly to the chimney-pipe C, as shown in Fig. 1.

As thus constructed, my invention is portable, and may be easily and quickly secured in place where a common flue is used, or in any desirable part of the house.

By the plate E being large and concaved, it more readily catches the rising vapor, steam, heated air, noxious gas, &c., and the double cowl prevents the wind from blowing down either of the pipes, and increases the draft in each.

Having thus described my invention, I claim the following and desire to secure the same by Letters Patent—

In a combined chimney and ventilator, the concaved plates E F, cone-cover D, and pipe B, in combination with the double cowl A and chimney-pipe C, all for the purpose set forth.

ALLEN STAMPER JACKSON.

Witnesses:

A. H. DUKE,  
W. J. WEBB.