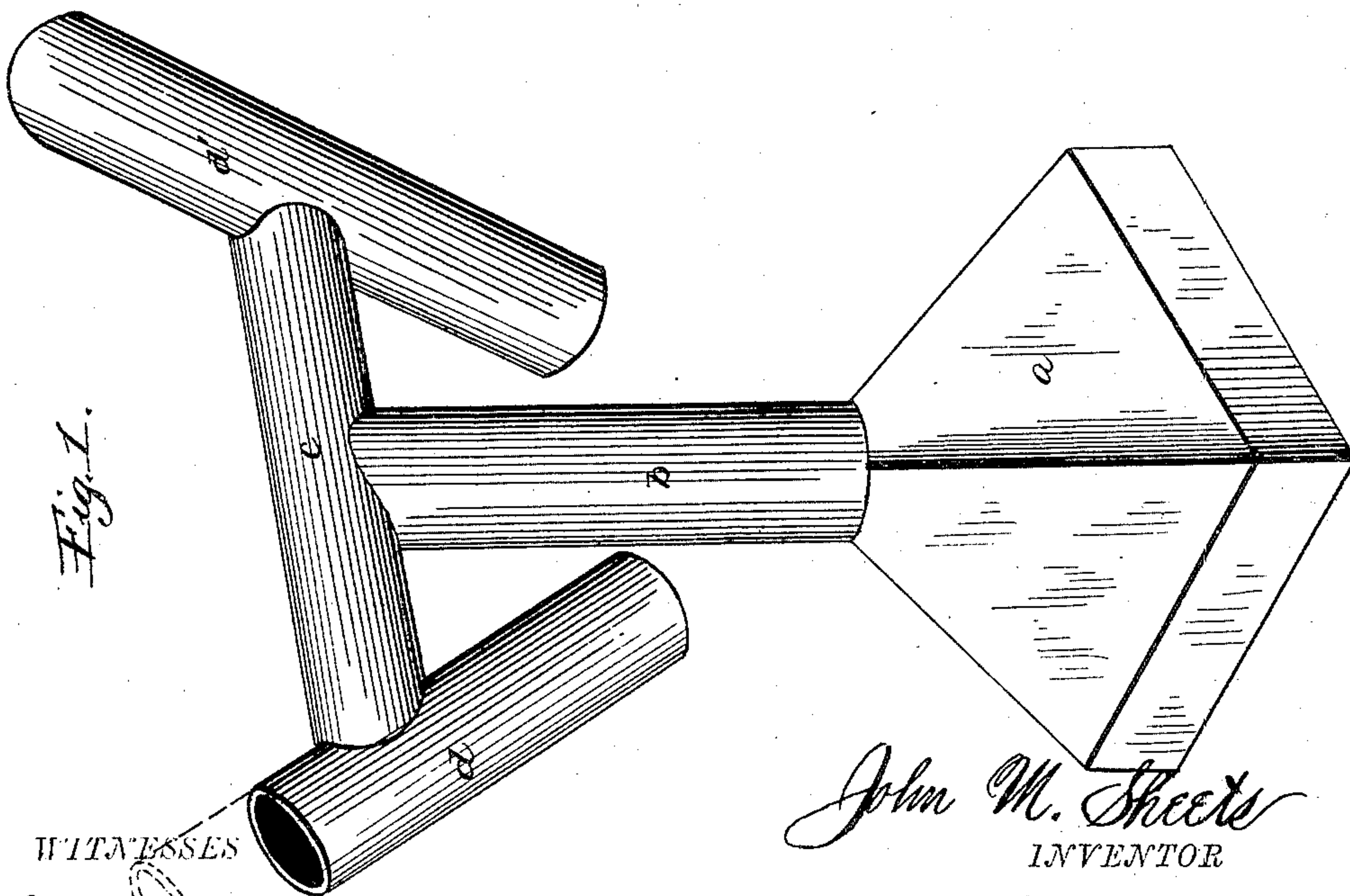
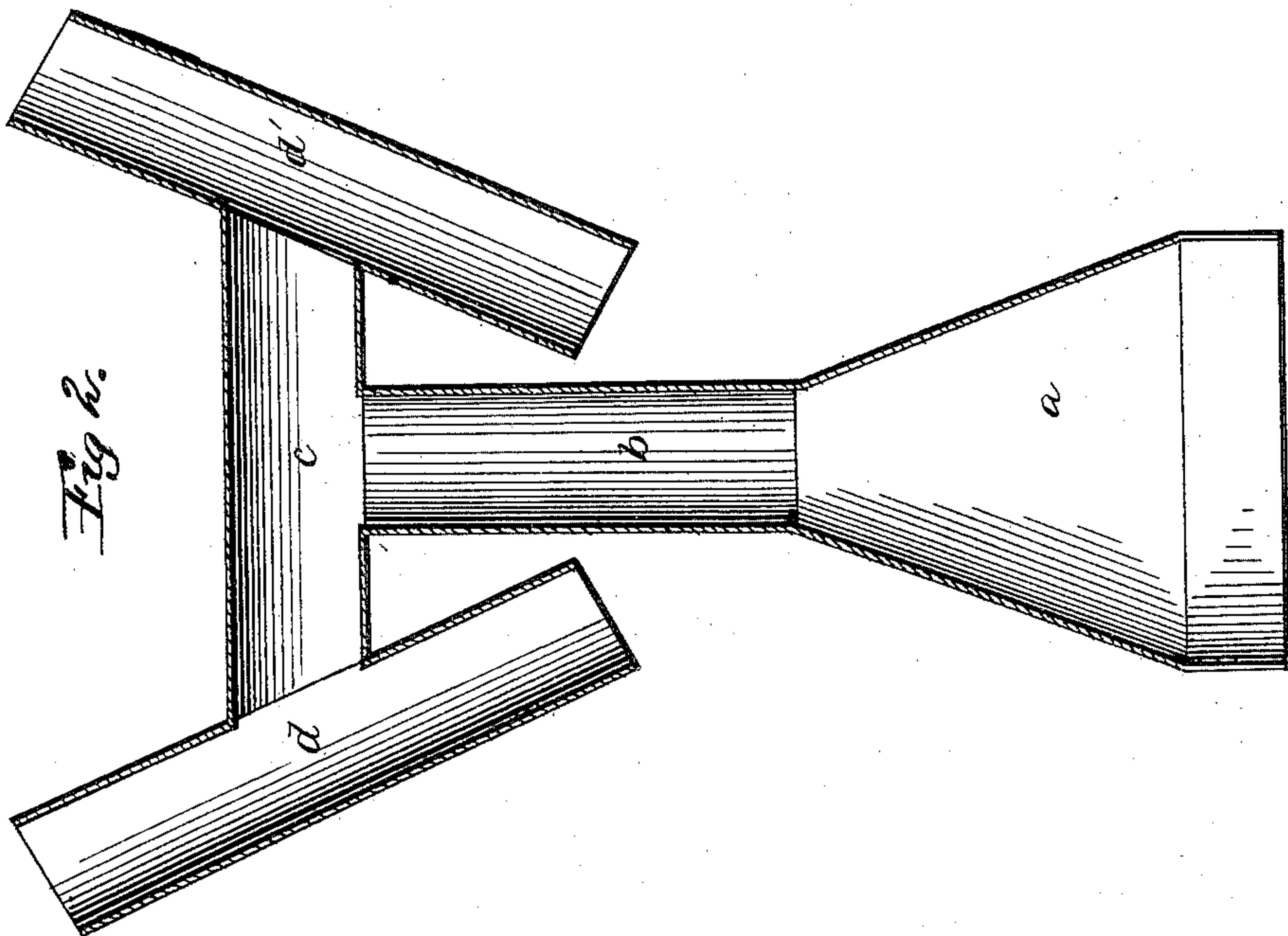


(No Model.)

J. M. SHEETS.
CHIMNEY TOP AND VENTILATOR.

No. 299,175.

Patented May 27, 1884.



WITNESSES

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UNITED STATES PATENT OFFICE.

JOHN M. SHEETS, OF NORA SPRINGS, IOWA.

CHIMNEY-TOP AND VENTILATOR.

SPECIFICATION forming part of Letters Patent No. 299,175, dated May 27, 1884.

Application filed March 25, 1884. (No model.)

To all whom it may concern:

Be it known that I, JOHN M. SHEETS, a citizen of the United States, residing at Nora Springs, in the county of Floyd and State of Iowa, have invented a new and useful Chimney-Top, of which the following is a specification, reference being had to the accompanying drawings.

This invention has relation to chimney-tops and ventilators designed to increase the draft and prevent internal glazing and creosote formation in the chimney-top; and it consists in the construction and novel arrangement of parts, as will be hereinafter fully described, and particularly pointed out in the claim.

Figure 1 is a perspective view of a chimney-top and ventilator embodying my improvements, and Fig. 2 is a vertical sectional view of the same.

Referring by letter to the accompanying drawings, *a* designates the pyramidal-shaped base of the chimney-top and ventilator; *b*, the vertical pipe leading from the top thereof; *c*, the horizontal cross-flue secured upon and communicating with the vertical flue or pipe; and *d* and *d'* are the outer upwardly-diverging end flues secured to the ends of the horizontal cross-flue, and communicating therewith. The end flues, *d d'*, are made to diverge from below

upward, in order to prevent the lodgment of soot, creosote, snow, or rain in the horizontal cross-flue, and thereby prevent rusting, glazing, and obstruction of the ventilator. This arrangement also increases the draft, and insures a draft, no matter in what direction the wind may blow. The arrows show the course of the draft, which, it will be seen, is outwardly at both ends of the diverging end flues.

The device is cheap, durable, simple, and efficient, and will not get out of order.

Having thus fully described my invention, what I claim as new, and desire to secure by Letters Patent of the United States, is—

In a chimney-top and ventilator, the combination, with the base and vertical flue rising therefrom, of the horizontal cross-flue secured upon and communicating with the vertical flue, and the end flues diverging from below upward and secured to and communicating with the horizontal cross-flue, substantially as specified.

In testimony that I claim the foregoing as my own I have hereto affixed my signature in presence of two witnesses.

JOHN M. SHEETS.

Witnesses:

JACKSON GAYLORD,
W. E. ROBERTS.