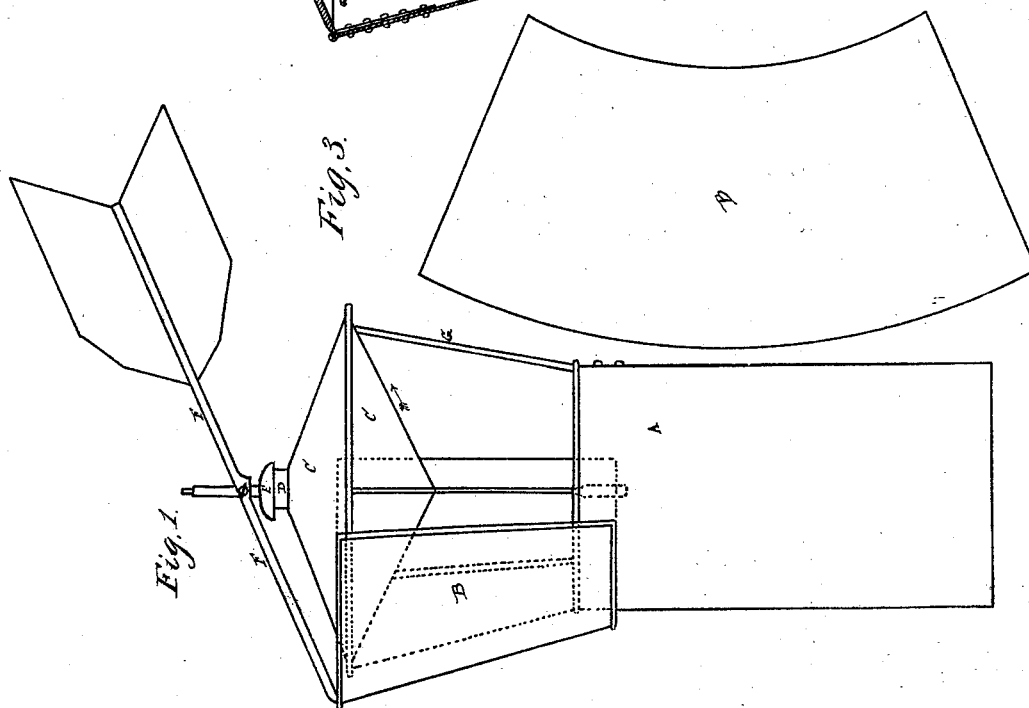
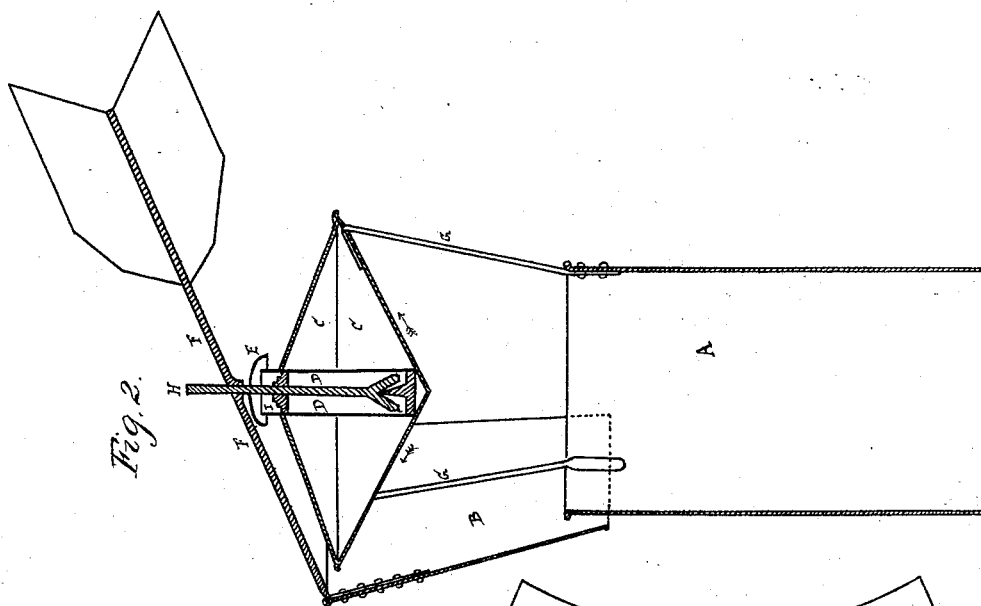


(No Model.)

J. WÜSTNER.
CHIMNEY TOP AND COWL.

No. 302,531.

Patented July 22, 1884.



Witnesses
Edward E. Ellis
Geo. H. Harvey

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UNITED STATES PATENT OFFICE.

JEAN WÜSTNER, OF ANNECY, FRANCE.

CHIMNEY TOP OR COWL.

SPECIFICATION forming part of Letters Patent No. 302,531, dated July 22, 1884.

Application filed November 12, 1883. (No model.) Patented in France December 29, 1882, No. 152,916.

To all whom it may concern:

Be it known that I, JEAN WÜSTNER, a citizen of the Republic of France, residing at Annecy, in France, have invented new and useful Improvements in Chimney Tops or Cowls, of which the following is a specification.

This invention relates to an improved chimney top or cowl, which serves to prevent the smoke passing through a chimney from being driven back by the wind.

Figure 1 is an elevation thereof; Fig. 2, a section, and Fig. 3 a detached part.

According to this invention a top or cover, C, is supported some distance above the chimney-mouth A. This cover C is supported by rods G, attached to the chimney A, and is lozenge-shaped in cross-section, so that centrally to the chimney a bearing-pivot, J, can be fixed in the depressed or cup-shaped under part of the top C. The bearing-pivot J is surrounded by a sleeve, D, extending up to the raised upper part of the top, where a suitable bearing, I, is fixed in the sleeve D. The pivot and bearing support a spindle, H, which is moreover surrounded by a cap or inverted cup, E, to keep the rain out of the bearing. On the top of the spindle is fixed, by a set-screw and at a suitable inclination, a vane, F F, preferably of the shape of an arrow, the "feather" of the arrow being raised above the "tip."

Upon the tip of the arrow is fixed a bent cover-piece, B, of suitably-shaped sheet metal. (Represented in Fig. 3.)

In operation the feather of the arrow will be caught by the wind, so that the tip, with the bent plate B, which it carries, will be brought in such a position as to protect the chimney-mouth against the wind, while the smoke freely escapes on the side opposite to the plate, as indicated by the arrow in Fig. 1.

The arrows in Fig. 2 show the direction in which the smoke rises.

Having now described my invention, I claim—

In a chimney-cowl, the cover C, supported above the chimney-top, as described, and having fixed in its depressed portion the pivot J, the sleeve D, surrounding said pivot and provided at its top with the bearing I and cover E, in combination with the spindle H, the vane F, attached to said spindle, and the bent cover-piece secured to the tip of said vane, all adapted to operate substantially as set forth.

In witness whereof I have hereunto set my hand in the presence of two subscribing witnesses.

JEAN WÜSTNER.

Witnesses:

EMOLE KAPZ,

ROBT. M. HOOPER.