E. NEWMAN.

CHIMNEY TOP.

APPLICATION FILED APR. 29, 1910.

964,177.

Patented July 12, 1910.

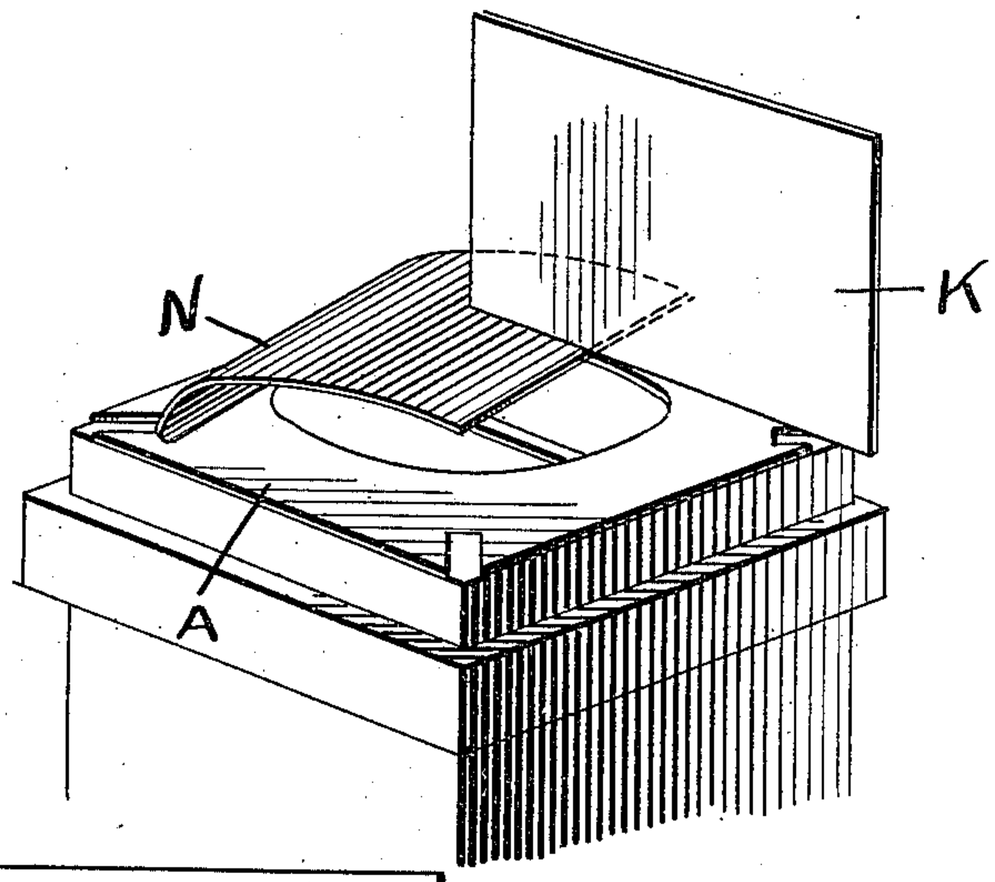

Fig 1.

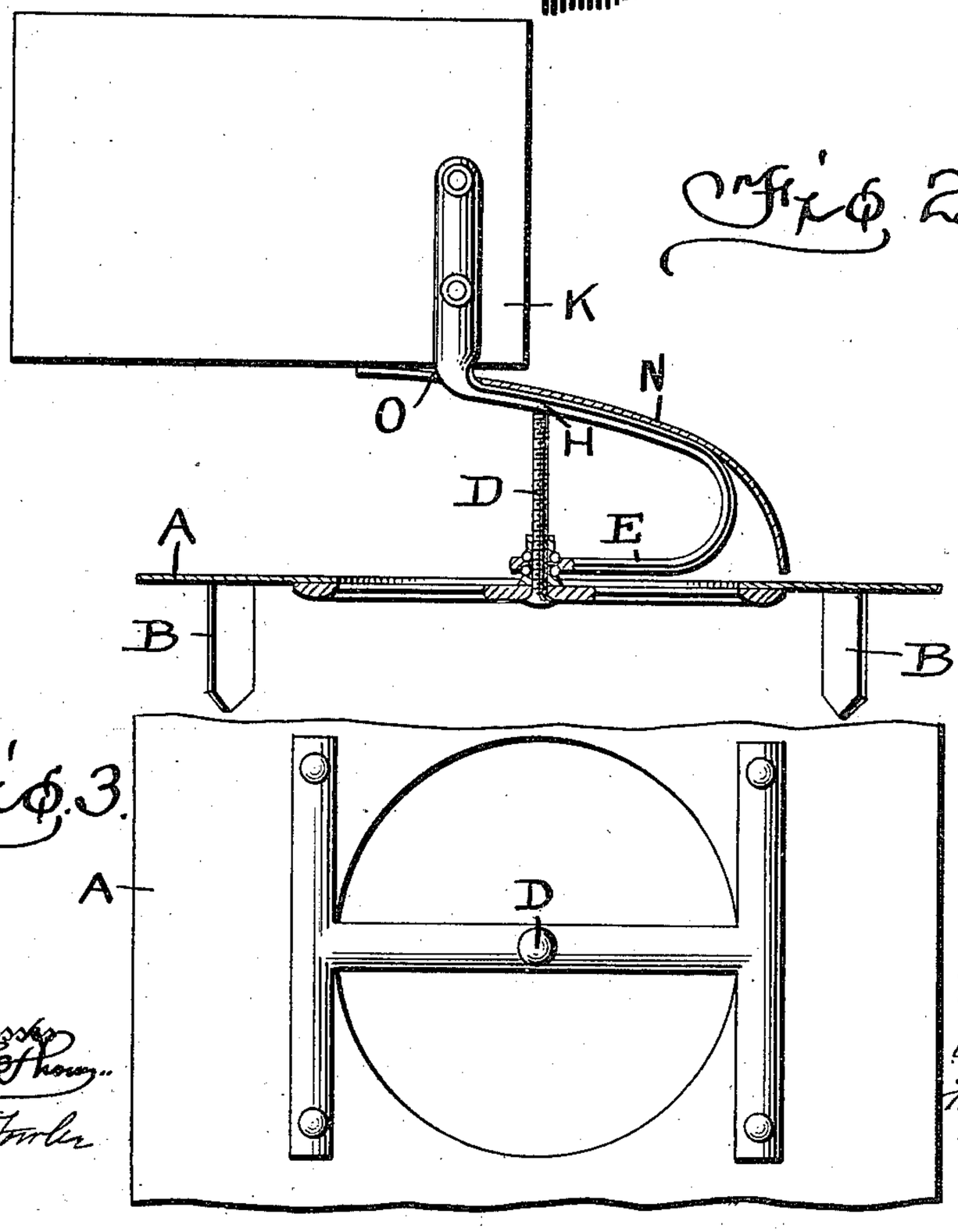

Fig 2.

Fig. 3.

Witnesses
Geo. L. Thorn.
A. R. Fowler

Inventor
E. NEWMAN
by
Franklin N. Hoyt
Attorney

UNITED STATES PATENT OFFICE.

EDWIN NEWMAN, OF ALLENWOOD, NEW JERSEY.

CHIMNEY-TOP.

964,177. Specification of Letters Patent. **Patented July 12, 1910.**

Application filed April 29, 1910. Serial No. 558,466.

To all whom it may concern:

Be it known that I, EDWIN NEWMAN, a citizen of the United States, residing at Allenwood, in the county of Monmouth and State of New Jersey, have invented certain new and useful Improvements in Chimney-Tops; and I 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 the letters of reference marked thereon, which form a part of this specification.

This invention relates to new and useful improvements in chimney cowls or tops and the object in view is to produce a simple and efficient device of this nature so arranged that a satisfactory draft may be maintained through chimney in the event of wind blowing from different directions and also affording means for preventing foreign matter from falling down the chimney.

The invention comprises various details of construction and combinations and arrangements of parts which will be hereinafter fully described and then specifically defined in the appended claims.

I illustrate my invention in the accompanying drawings, in which:—

Figure 1 is a perspective view showing the device as applied to the top of a chimney. Fig. 2 is a sectional view vertically through the cowl, parts being shown in elevation, and Fig. 3 is a bottom plan view.

Reference now being had to the details of the drawings by letter, A designates a plate adapted to fit over the top of a chimney and resting thereon. Said plate is provided with a central opening through which smoke may make exit and integral fingers B are struck up from the corners of said plate, affording means whereby the plate may be securely held to the chimney.

Fastened to the under face of the plate is a skeleton frame, made preferably of metal and comprising a bar terminating in T-shaped ends which are fastened to the plate, the shank portion of said bar extending diametrically across the opening in the plate. Rising from the central portion of said bar is a pivotal screw D, and E designates a rod which is provided with an aperture at one end adapted to receive the pivotal screw. Said rod has a horizontally disposed portion adapted to swing over the opening in the plate and is thence curved backward with an overhanging portion which has an indenture H formed in its under edge engaged by the upper end of said pivotal screw, forming a bearing for said rod. At one side of the indenture the upper end of the rod is bent vertically and is fastened to a wing K, which is vertically disposed, and N designates a protecting covering which is fastened to the upper edge of the curved portion of said rod and is of such a size as to substantially cover the opening in said plate, one edge of said covering having a recess as at O for the reception of the upturned part of the rod. It will be noted that the lower end of said covering is positioned adjacent to the upper surface of the plate which is fastened to the chimney top and is so arranged that it will prevent any object from falling through the hole in the plate into the chimney and also drain water which might fall upon the same and prevent wind from blowing down through the opening into the chimney.

From the foregoing, it will be noted that, by the provision of a cowl made as shown and described, a simple and efficient means is afforded which may be attached to a chimney top and which will prove particularly useful upon the shed and other chimneys where the wind is apt to blow over the house and down upon chimneys located at lower levels and so arranged that the chimney may be protected from objects falling in the top thereof and also from the rain, snow, etc.

What I claim to be new is:—

1. A chimney cowl comprising a plate adapted to be fastened to a chimney and having an opening therein, a reinforcing member fastened to said plate and having a part thereof extending across the opening and apertured, a headed inverted screw extending up through said aperture and provided with a pointed end, a bar having an aperture near one end to receive said screw at an inclination upon the under edge of the bar in which the point of the screw has a bearing and adapted to support the bar, a shield fastened to a curved portion of the bar and having one edge movable adjacent to the marginal edge of the opening in the plate, and a vertically disposed wing fastened to the upright portion of the bar above said shield.

2. A chimney cowl comprising an apertured plate with a reinforcing member fas-

tened thereto and extending transversely across said opening and apertured, a threaded screw mounted in said aperture, a bar with an aperture adapted to receive said screw upon which the bar is pivoted, a nut mounted upon the screw and adapted to hold said bar in place, said bar being curved and having an indenture in its under edge forming a pivotal socket for the upper tapering end of said screw and supporting the bar, a curved shield fastened to said bar with its lower end positioned adjacent to said plate, and a vertical wing fastened above said shield.

In testimony whereof I hereunto affix my signature in the presence of two witnesses.

EDWIN NEWMAN.

Witnesses:

CLARRISSA M. MORTON,

DANIEL T. GIBBERT.