

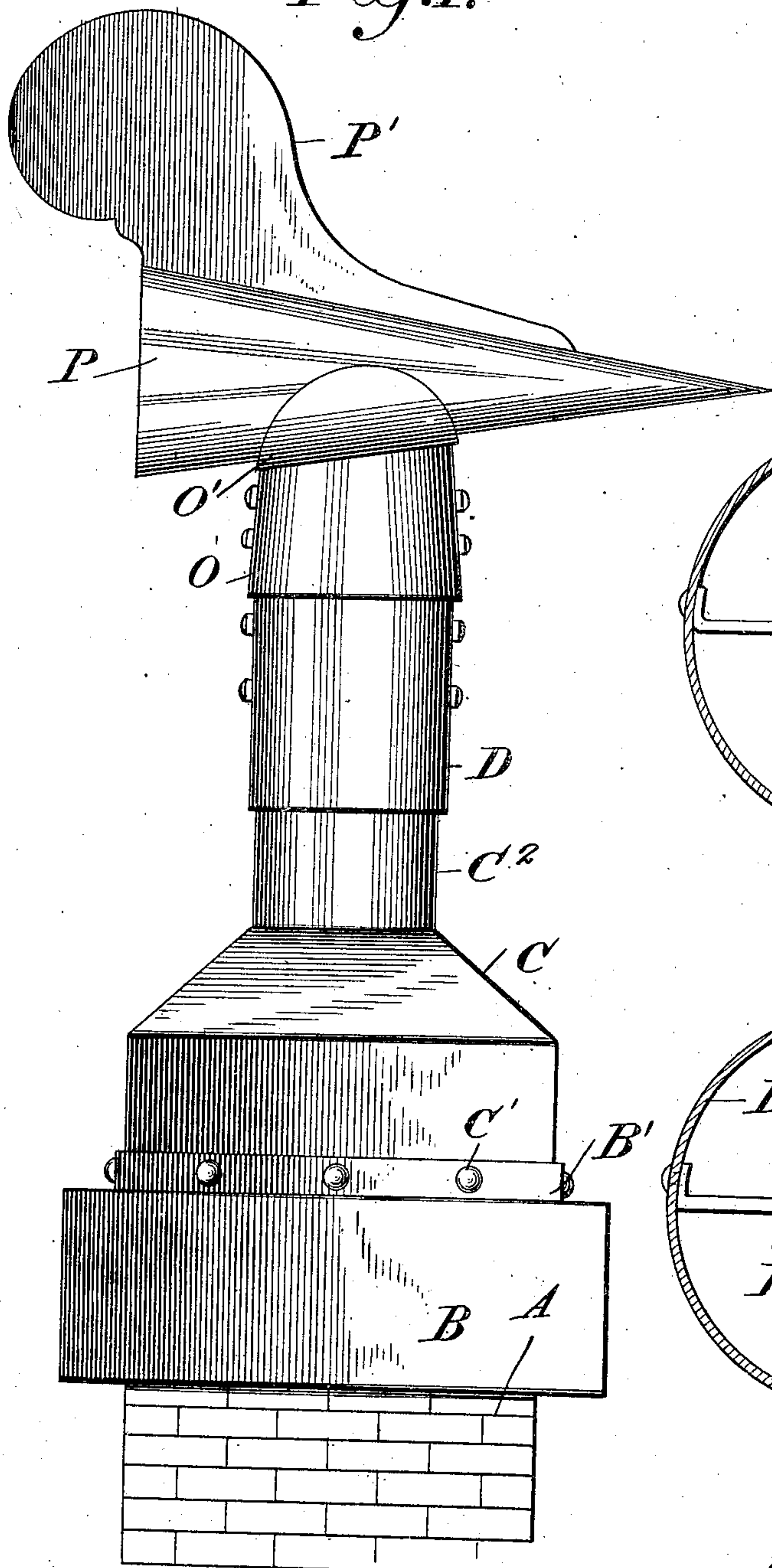
No. 877,092.

PATENTED JAN. 21, 1908.

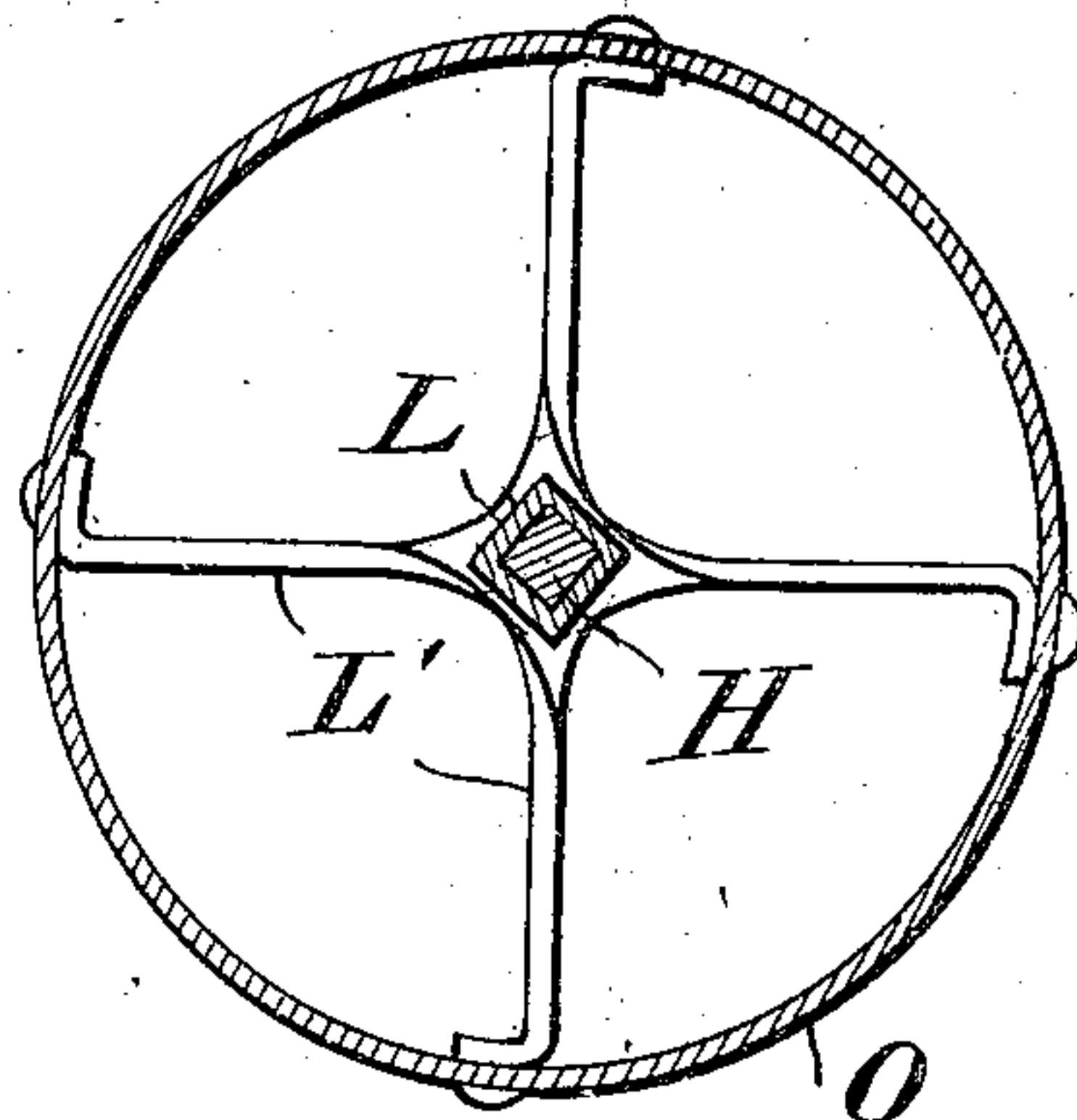
A. KRIG.  
CHIMNEY VENTILATOR.  
APPLICATION FILED FEB. 23, 1907.

2 SHEETS—SHEET 1.

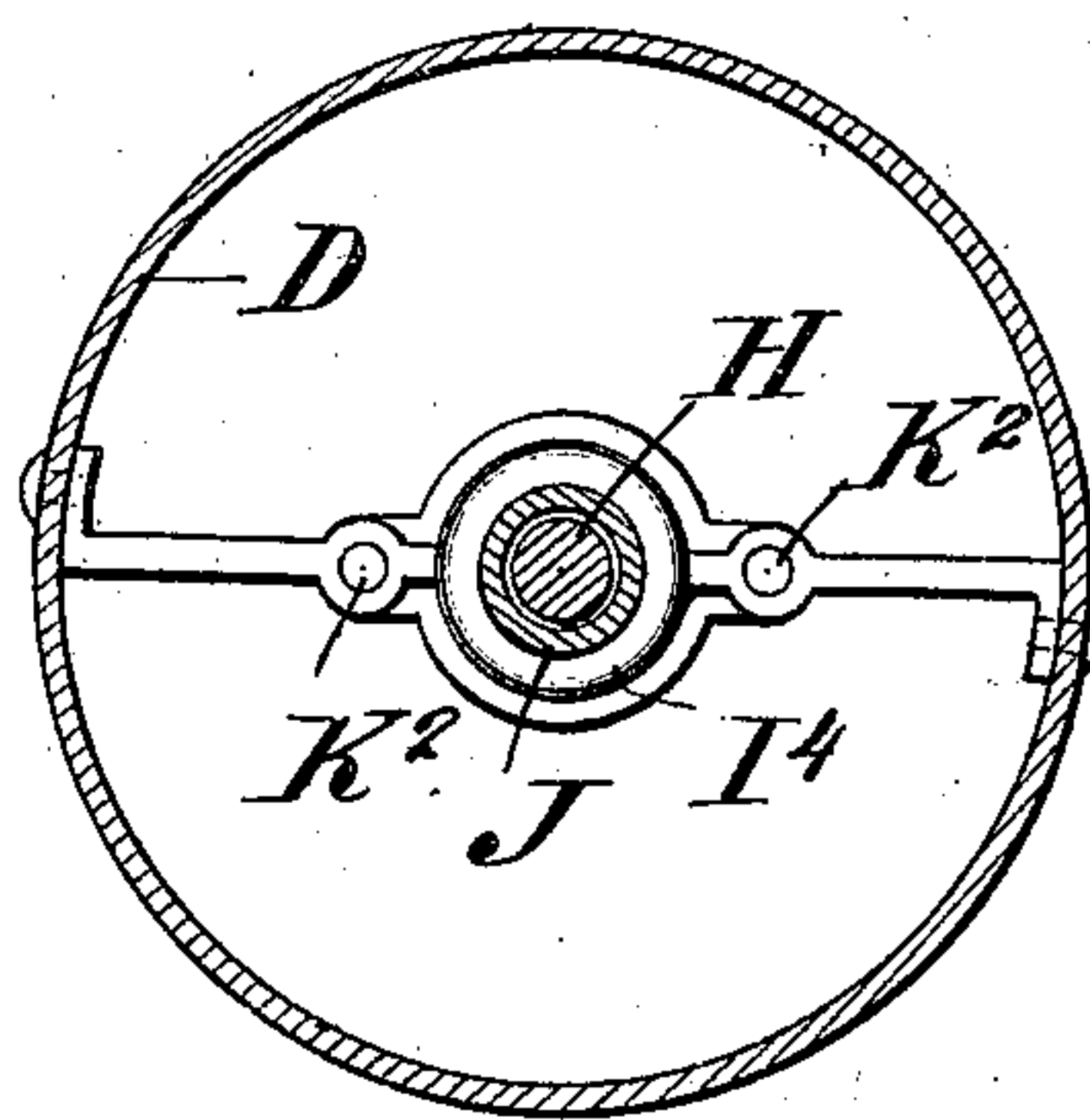
*Fig. 1.*



*Fig. 4.*



*Fig. 5.*



Witnesses

*Phil. C. Barnes*  
*Geo. P. Wright*

Inventor

*Albert Kric.*

By

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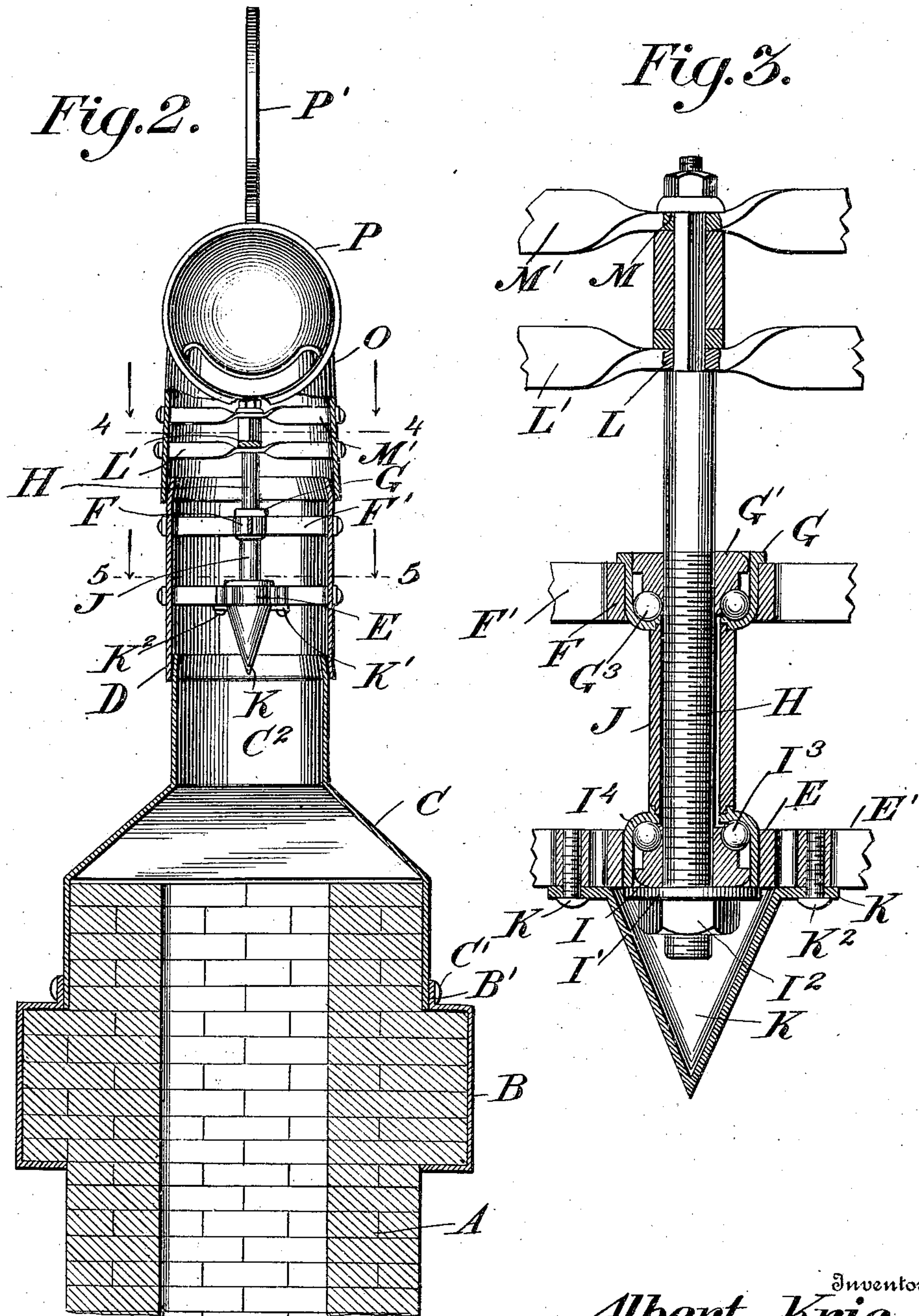
Attorneys

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2 SHEETS—SHEET 2.



Witnesses

*Phil. C. Barnes*  
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# UNITED STATES PATENT OFFICE.

ALBERT KRIC, OF CHICAGO, ILLINOIS.

## CHIMNEY-VENTILATOR.

No. 877,092.

Specification of Letters Patent.

Patented Jan. 21, 1908.

Application filed February 23, 1907. Serial No. 358,866.

*To all whom it may concern:*

Be it known that I, ALBERT KRIC, a citizen of the United States, residing in Chicago, in the county of Cook and State of Illinois, have invented a new and useful Improvement in a Chimney-Ventilator, of which the following is a specification.

This invention relates to chimney ventilators, and more particularly to chimney cowls, the object being to provide a cowl which can be readily attached to the ordinary chimney so as to prevent the wind from blowing down the same, and making the stove smoke.

Another object of my invention is to provide a cowl which is very simple and cheap in construction and one which can be used on chimneys which do not extend up to the top of the house without any danger of the stove smoking.

With these and other objects in view, the invention consists in the novel features of construction, combination and arrangement of parts, hereinafter fully described and pointed out in the claims.

In the drawings forming a part of the specification:—Figure 1 is a side elevational view of my improved chimney ventilator. Fig. 2 is a vertical sectional view of the same. Fig. 3 is a vertical sectional view through the beams. Fig. 4 is a sectional view taken on lines 4—4 of Fig. 2. Fig. 5 is a sectional view taken on lines 5—5 of Fig. 2.

Referring to the drawings A indicates an ordinary chimney provided with the usual enlargement adjacent its upper end, over which is secured a casing B provided with an upwardly extending flange B'.

Mounted over the top of the chimney is a hood C, the lower edges of which rests on the enlargement of the chimney, under the flange B', and is secured thereto by rivets C'. It of course being understood that the hood can be secured directly to the chimney in any suitable manner, and the casing dispensed with, if desired. The hood is provided with an upwardly extending pipe C<sup>2</sup> having an inwardly flanged end over which is secured the lower end of a short pipe section D, to the inside of which is secured by rivets the angled ends of oppositely disposed arms E' of a sleeve E. The angled ends of the arms F' carried by a sleeve F, are secured in the inside of the section, over the arms E', the sleeves E and F being in a vertical alinement with each other.

Mounted in the sleeve F is a flanged cup G, through which extends the threaded end portion of a vertical shaft H, on which is mounted a bearing member G' provided with an annular groove, adapted to travel over the balls G<sup>3</sup> arranged in the cup. A bearing member I is secured on the end of the shaft H, by a washer I' and nuts I<sup>2</sup>, provided with an annular groove in which the balls I<sup>3</sup> of a cup I<sup>4</sup> secured in the sleeve E, are adapted to travel. The cups G and I are connected together by a sleeve J which incloses the shaft and prevents soot and ashes from getting into the bearings. A conical shaped cap K provided with oppositely disposed apertured ears K', is secured over the sleeve E by screw-bolts K<sup>2</sup> passing through the ears into threaded bores formed in enlargements of the arms E', and inclose the bearings and end of the shaft, so that the bearings will be protected from soot and ashes.

The shaft H is provided with a reduced upper end, on which are mounted sleeves L and M, spaced apart by a washer and sleeve, and provided with oppositely disposed arms L', M' having angled ends which are secured by rivets to the inside of a pipe-section O, fitting over the inwardly projecting flange and end of the section D. The extreme end of the reduced portion of the shaft is threaded on which works a nut which bears against a washer arranged on the sleeve and securely locks the sleeves thereon.

The upper end of the section O is provided with oppositely disposed flaps O' between which is secured a funnel-shaped cap P provided with an opening registering with the section. A blade P' is secured on the caps so that the point of the cap will be held towards the wind, so as to prevent the wind from blowing down the chimney and making the stove smoke.

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

1. The combination with a hood provided with an upwardly extending pipe, of arms secured in said pipe carrying sleeves, cups carrying balls mounted in said sleeves, a sleeve carrying bearing members mounted on said balls, arms carried by said shaft, a pipe carried by said arms, and a funnel-shaped cap mounted on said pipe, carried by said arms.

2. The combination with a hood provided

with a pipe, of arms secured in said pipe carrying sleeves, cups mounted in said sleeves carrying balls, a shaft extending through said cups, bearing members mounted on said shaft  
5 resting on said balls, a cap secured over the end of said shafts, spaced sleeves mounted on the upper end of said shaft carrying arms, a pipe secured on said arms, and a funnel-shaped cap mounted on said pipe.

ALBERT KRIC.

Witnesses:

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THOS. ANDERLE.