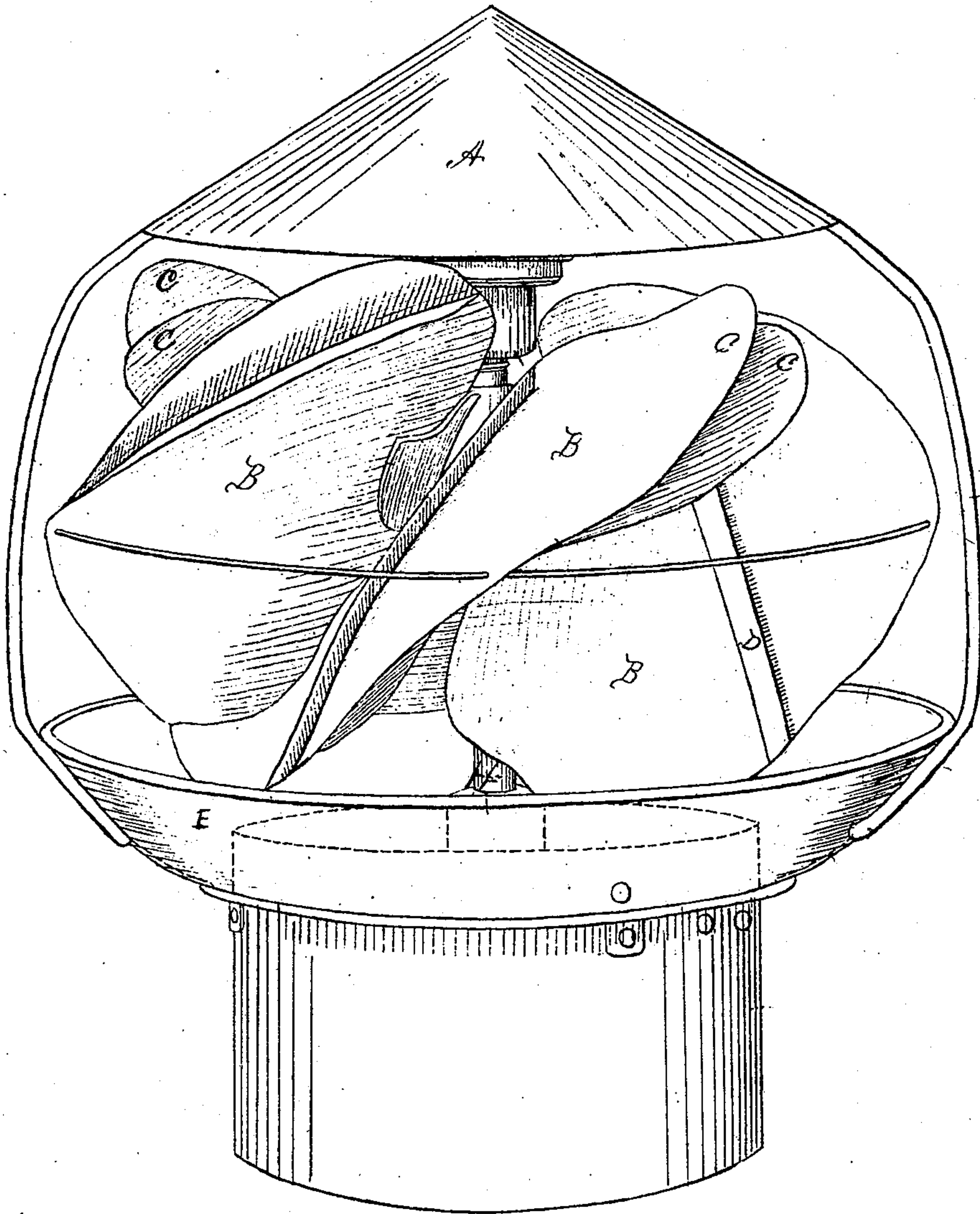


E. P. H. CAPRONS.

Chimney Cowl.

No. 100,372.

Patented March 1, 1870.



Witness
J. F. Gombel
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United States Patent Office.

ELISHA P. H. CAPRON, OF SPRINGFIELD, OHIO.

Letters Patent No. 100,372, dated March 1, 1870.

CHIMNEY-COWL.

The Schedule referred to in these Letters Patent and making part of the same.

To all whom it may concern:

Be it known that I, ELISHA P. H. CAPRON, of the city of Springfield, county of Clark, and State of Ohio, have invented a new and useful Improvement in Chimney-Caps or Ventilators; and I do hereby declare that the following is a full and exact description thereof, reference being had to the accompanying drawings and to the letters of reference marked thereon.

The nature of my invention consists in adapting a spiral wheel or propeller to the top of a chimney in such a manner that said spiral wheel can never run in the wrong direction, that being an objection to those now in use.

The object of my invention is to produce a cheap chimney-cap or ventilator that shall effectually cure smoky chimneys by creating a greater draught to said chimneys.

To enable others skilled in the art to make and use my invention, I will proceed to describe its construction and operation.

In the accompanying drawings, Figure 1 is a perspective view of my invention, in which—

A is a cap, to shed the storm.

B are the wings, having lips C C to take the wind, effectually preventing the wheel from running in the wrong direction.

Said wings B are attached to an upright spindle on shaft H, the ends of which are set loosely in their sockets, so as to allow it to turn with the wind; and

D is a rib or conductor across the wing, to convey any water falling upon the wings off over the edge of the funnel.

E is a flange or rim attached to the main pipe, leaving a space between for the purpose of preventing the wind from blowing down the chimney flue.

Having thus described my invention,

What I claim as new, and desire to secure by Letters Patent, is—

1. A spiral wheel or propeller, the wings of which are provided with lips C C, when constructed and arranged substantially as and for the purpose set forth.

2. The rib or conductor D across the wing, substantially as and for the purpose set forth.

3. The lips C C and rib D, in connection with the flange E and cap A, substantially as and for the purpose set forth.

ELISHA P. H. CAPRON.

Witnesses:

W. F. TOOMBS,
H. PENNOCK.