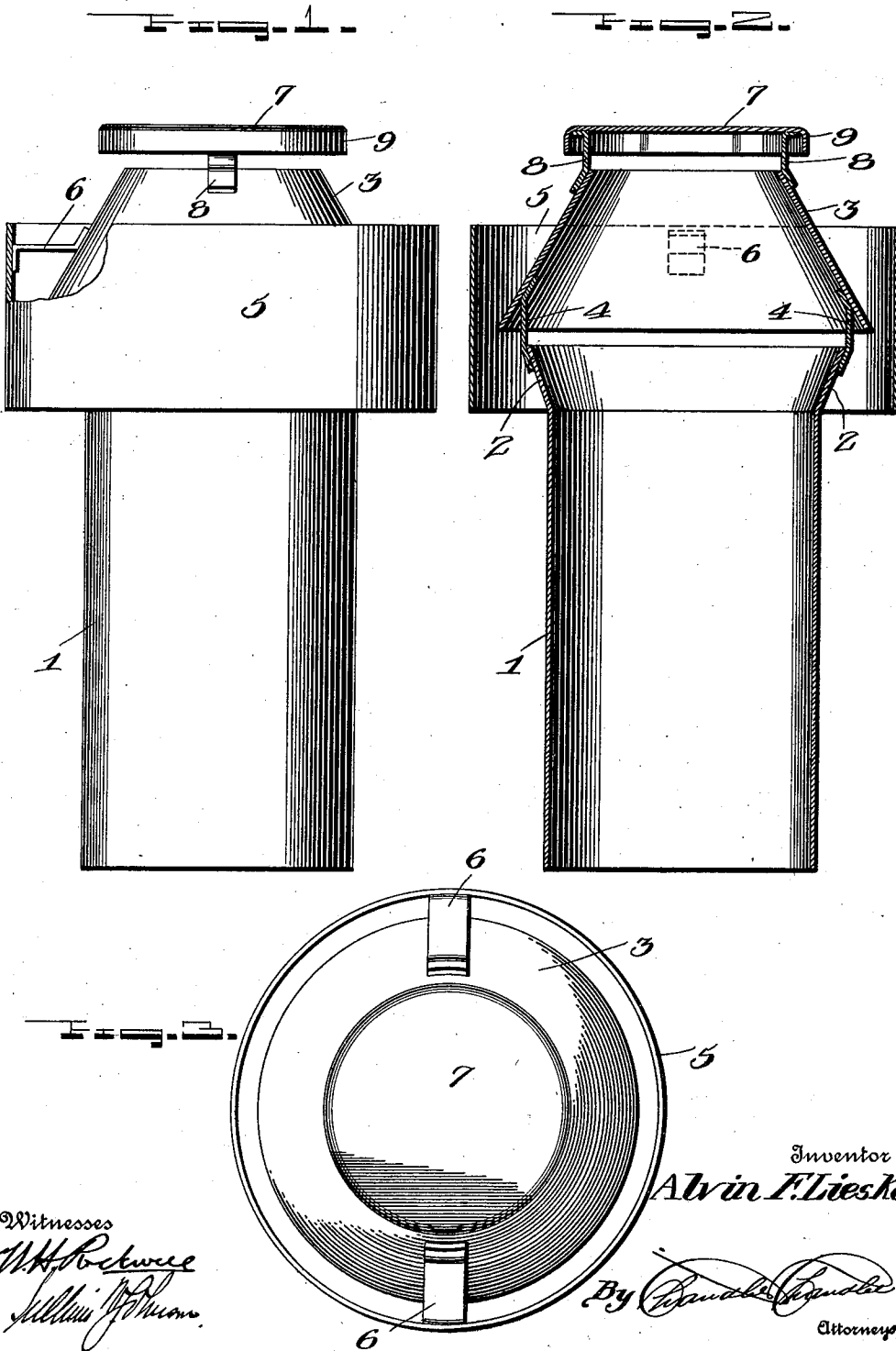


A. F. LIESKE.  
 CHIMNEY CAP.  
 APPLICATION FILED APR. 3, 1911.

1,029,072.

Patented June 11, 1912.



Witnesses  
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# UNITED STATES PATENT OFFICE.

ALVIN F. LIESKE, OF HENDERSON, MINNESOTA.

## CHIMNEY-CAP.

1,029,072.

Specification of Letters Patent. Patented June 11, 1912.

Application filed April 3, 1911. Serial No. 618,596.

*To all whom it may concern:*

Be it known that I, ALVIN F. LIESKE, a citizen of the United States, residing at Henderson, in the county of Sibley, State of Minnesota, have invented certain new and useful Improvements in Chimney-Caps; 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.

This invention relates to certain new and useful improvements in chimney cowls or caps and has for its object to provide a device of this character so formed that the same may be readily and easily placed in its proper position, and will greatly aid the draft by its peculiar construction, and will at the same time allow the smoke and gas to escape.

A further object of the invention is to provide a device of this character which will prevent any possibility of snow, sleet or rain from entering the same.

In the drawing:—Figure 1 is a side elevation of the device. Fig. 2 is a vertical sectional view. Fig. 3 is a top plan view of the cap

Referring to the drawing, the numeral 1 designates a collar and by which the cap is fastened to a chimney or stack, said collar having its upper end 2 flared outwardly. Arranged directly above the flared end of the collar 1 is a truncated cone member 3, said member being supported by braces 4, said braces being soldered or otherwise suitably secured to the outer face of the flared portion 2 of the collar 1, and likewise secured to the inner wall of the truncated cone member 3. The lower edge of the truncated cone member 3 is so arranged that the same will assume a position slightly beyond the upper edge of the flared portion 2, said edges being spaced a sufficient distance apart to allow air from the outside to be directed therebetween.

A band 5 encircles the truncated cone member and flared edges of the collar, said band being spaced from said member and edges and is supported by bars 6 having their outer ends fastened to the band and their inner ends to the cone member. A circular top 7 is arranged above the truncated cone member 3, and is supported thereon by

bars 8, said top being of greater diameter than the upper end of the cone member 3 and is provided with a downwardly curved flange 9, said top acting to prevent rain, sleet or the like from entering the top, but allowing the same to drip upon the outer wall of the truncated cone member 3 and from thence to the roof.

From the foregoing it will be seen that I have constructed a device of this character which will assure a perfect draft to the chimney and one in which smoke and gases are greatly facilitated in their egress by outside air passing between the band 5 and cone member 3 and flared end 2. It will be noted that from this construction a certain amount of the outside air will pass between the flared end 2 and lower edge of the cone member 3, thereby creating a draft within the cone member and causing the discharge of smoke and gas therefrom.

What is claimed, is:—

The combination in a device such as described with a sleeve provided at its upper end with an integral flared extension, a truncated conical cap arranged above the sleeve and having its lesser diameter smaller than the diameter of the sleeve, and its greater diameter larger than the diameter of the flared extension, straps connecting the truncated conical cap upon the flared extension of the sleeve, a plate located in spaced relation above the cap, a depending flange formed upon the periphery of the plate, the diameter of the said plate being of greater diameter than the minor of the cap and of a less diameter than the major end thereof, straps secured to the cap and engaging said plate in spaced relation to the flange formed thereon, off-set extensions provided upon the straps and engaging the flange, and a ring secured to the cap and extending in spaced relation thereto and having its ends equally distant from the opposite sides of the space between the flared end of the sleeve and the major end of the cap, substantially as and for the purposes set forth.

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

ALVIN F. LIESKE.

Witnesses:

THEODORE H. SCHWANETT,  
FLORENZ SEEMANN.