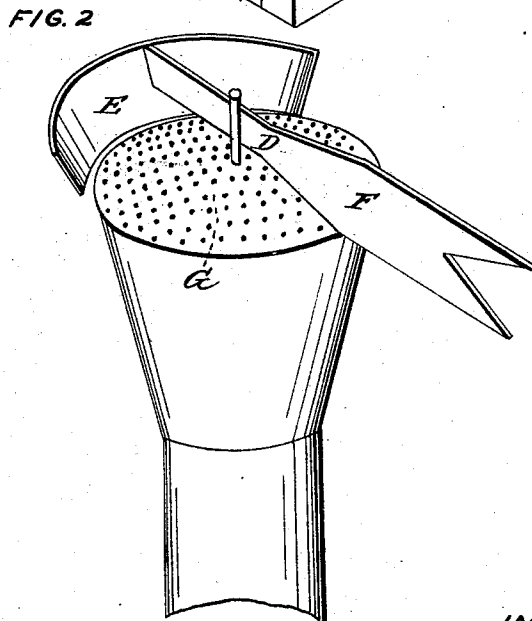
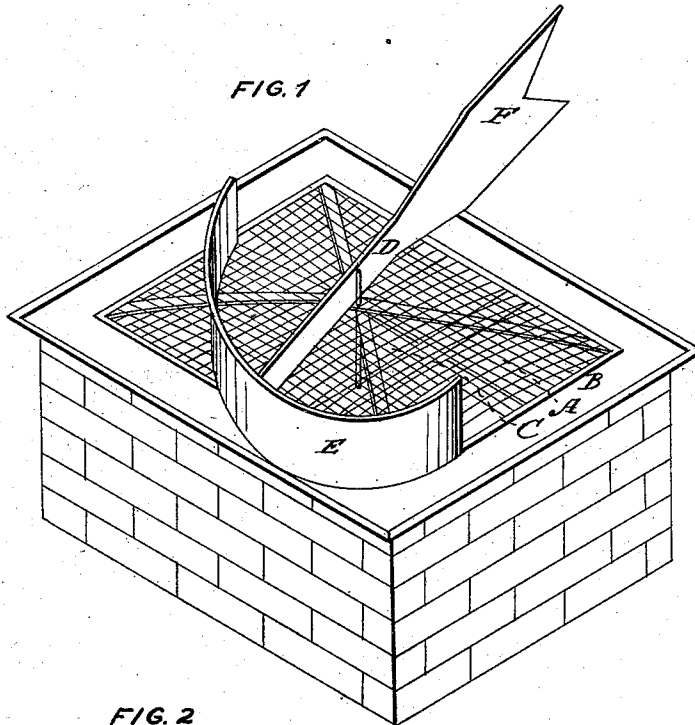


J. SNIVELY.
Chimney Top.

No. 68,126.

Patented Aug. 27, 1867.



WITNESSES:

Solomon Kemon
Chas A Petrus

INVENTOR:

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United States Patent Office.

JOHN SNIVELY, OF WILLIAMSBURG, PENNSYLVANIA.

Letters Patent No. 68,126, dated August 27, 1867.

IMPROVEMENT IN CHIMNEY-TOPS.

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, JOHN SNIVELY, of Williamsburg, in the county of Blair, and State of Pennsylvania, have invented a new and improved Chimney-Top; and I do hereby declare the following to be a full, clear, and exact description of the same, reference being had to the accompanying drawings, forming part of this specification, and in which—

Figure 1 represents my improved chimney-top in perspective.

Figure 2 represents a different form of the same.

Similar letters of reference indicate corresponding parts in the two figures.

In this invention the chimney is provided with a spark-arrester, and a revolving screen to regulate the draught.

This invention is intended to obviate two difficulties in chimneys hitherto in use: the first, the danger of conflagration from sparks escaping from the chimney; and the second, the occasional descent of puffs of air into the chimney in high gales of wind, sending the smoke, gas, and flames into the rooms of the house.

In the drawings, A represents a cover of wire network, attached round the sides to a frame, B, of the proper size to adjust to the chimney. To prevent the lodging of any foreign substances upon this cover, I raise its centre slightly, making the whole assume the form of a low pyramid or cone. This cover is fixed within the top of the chimney, and effectually prevents the escape of sparks therefrom. Secondly, I fix a vertical shaft in the centre of the chimney, as shown at G, providing a suitable beam, C, in which to stop its lower extremity, and passing the shaft through a circular aperture formed for the purpose in the apex of the pyramidal cover A. Upon this shaft is fixed a horizontal arm, D, one end of which bears the screen E, the opposite end being formed into a wind-rudder, F. The arm D is free to revolve with the shaft G, and, guided by the rudder F will always present the screen E to the wind. The screen E, being thus at all times stationed upon the windward side of the chimney, always causes the wind to strike over the chimney, effectually preventing the occasional descent of puffs of air into the flue.

This improved chimney-top is cheaper and more simple in construction than any now in use for a similar purpose, and is particularly designed in arrangement and form for application to ordinary brick chimneys. It dispenses altogether with the cumbersome and ugly basket of gauze with which some have enveloped the upper part of the chimney, substituting in its place a far less expensive but neater and equally serviceable cover, which is simply to be inserted into the top of the chimney, where it will be out of sight.

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

The combination of the slightly convex cover A, when fixed within the top of a chimney, with the vertical shaft or spindle G, the arm D, the vane F, and the screen E, all constructed, combined, and arranged substantially as and for the purpose specified.

To the above specification of my improvement I have signed my hand this 14th day of May, 1867.

JOHN SNIVELY.

Witnesses:

JAMES H. GRIDLEY,
NATHAN K. ELLSWORTH.