(Model.)

H. E. ANDERSON.

STOVE PIPE THIMBLE.

No. 367,885. Patented Aug. 9, 1887.

Fig. 1.

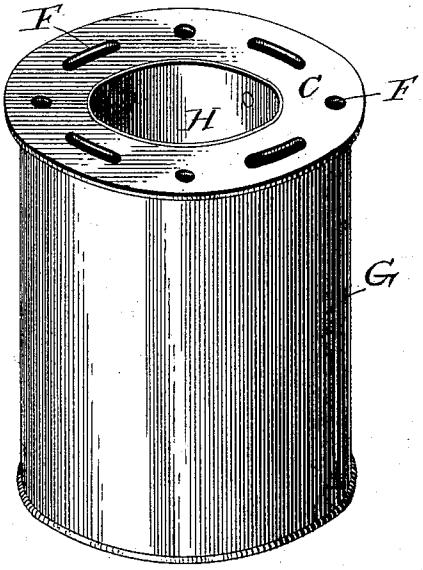
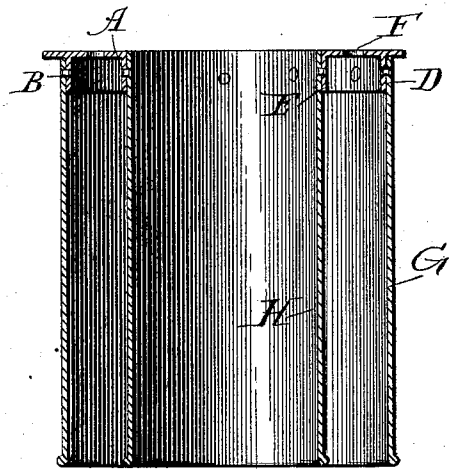


Fig. 2.



Witnesses:
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UNITED STATES PATENT OFFICE.

HENRY E. ANDERSON, OF CHETEK, WISCONSIN.

STOVE-PIPE THIMBLE.

SPECIFICATION forming part of Letters Patent No. 367,885, dated August 9, 1887.

Application filed July 8, 1886. Serial No. 207,489. (Model.)

To all whom it may concern:

Be it known that I, HENRY E. ANDERSON, of Chetek, in the county of Barron and State of Wisconsin, have invented new and useful Improvements in Stove-Pipe Thimbles; and I hereby declare the following to be a full, clear, and exact description of said invention, reference being had to the accompanying drawings, and to the letters of reference marked thereon, which form a part of this specification.

My invention relates to the form and construction of the parts of the improved device, and to their arrangement and connection to each other in the completed device.

In the drawings, Figure 1 is a perspective view of my improved thimble complete. Fig. 2 is a central vertical section of the thimble shown in Fig. 1.

The principal part of my thimble is the head-piece, which is preferably constructed of cast-iron, and consists of a ring, C, flat on its top and its bottom surfaces, and provided about midway between its outer and inner edges with apertures F F through it vertically, for the purpose of ventilation. On its under surface this flat ring is provided with two complete ring-flanges, D and E, integral with the flat ring and projecting downwardly at right angles therefrom. These ring-flanges D and E are an inch or more distant from each other, and are each provided with a series of small apertures for the reception of bolts A and B. To each of these flanges is secured a sheet-metal pipe or hollow cylinder, G and H, the two being preferably of the same length and long enough to extend through the floor and ceiling of a house between its first and second story. The cylinders G and H are of a proper size diametrically to fit nicely onto their respective ring-flanges, and are secured thereto by the bolts A and B, passing through said cylinders respectively and through the apertures in the flanges therefor, which bolts are secured in place by nuts turning on the screw-threaded ends of the bolts.

It will be understood that this thimble is intended for use about a stove-pipe through the floor and ceiling between the first and second story of a building, and that the thimble is secured in position by resting the outer part or horizontally-projecting edge of the head-piece on or in the floor of the second story, while the other or lower ends of the cylinders extend down to or through the ceiling of the room beneath. It will therefore be seen that no dust or other foreign matter can accumulate in the thimble to take fire by contact with the heated thimble or otherwise, for the lower end of the thimble between the cylinders is entirely open, so that dust or other foreign matter would by gravity fall from the thimble and never be retained in it in any amount or for any time whatever.

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

A stove-pipe thimble consisting of a cast-iron head-piece composed of a flat-ring top, C, having apertures F F, and outer and inner flanges, D and E, at a distance apart integral with the flat-ring top, which flanges are provided with bolt-holes, in combination with two hollow sheet-metal cylinders, G and H, one within the other at a distance apart, and secured at their upper ends to the flanges D and E, respectively, by bolts, the space between the cylinders being unclosed at the bottom, substantially as described.

HENRY E. ANDERSON.

Witnesses:
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