

(No Model.)

J. H. HUNTRESS.
STOVEPIPE ATTACHMENT.

No. 521,959.

Patented June 26, 1894.

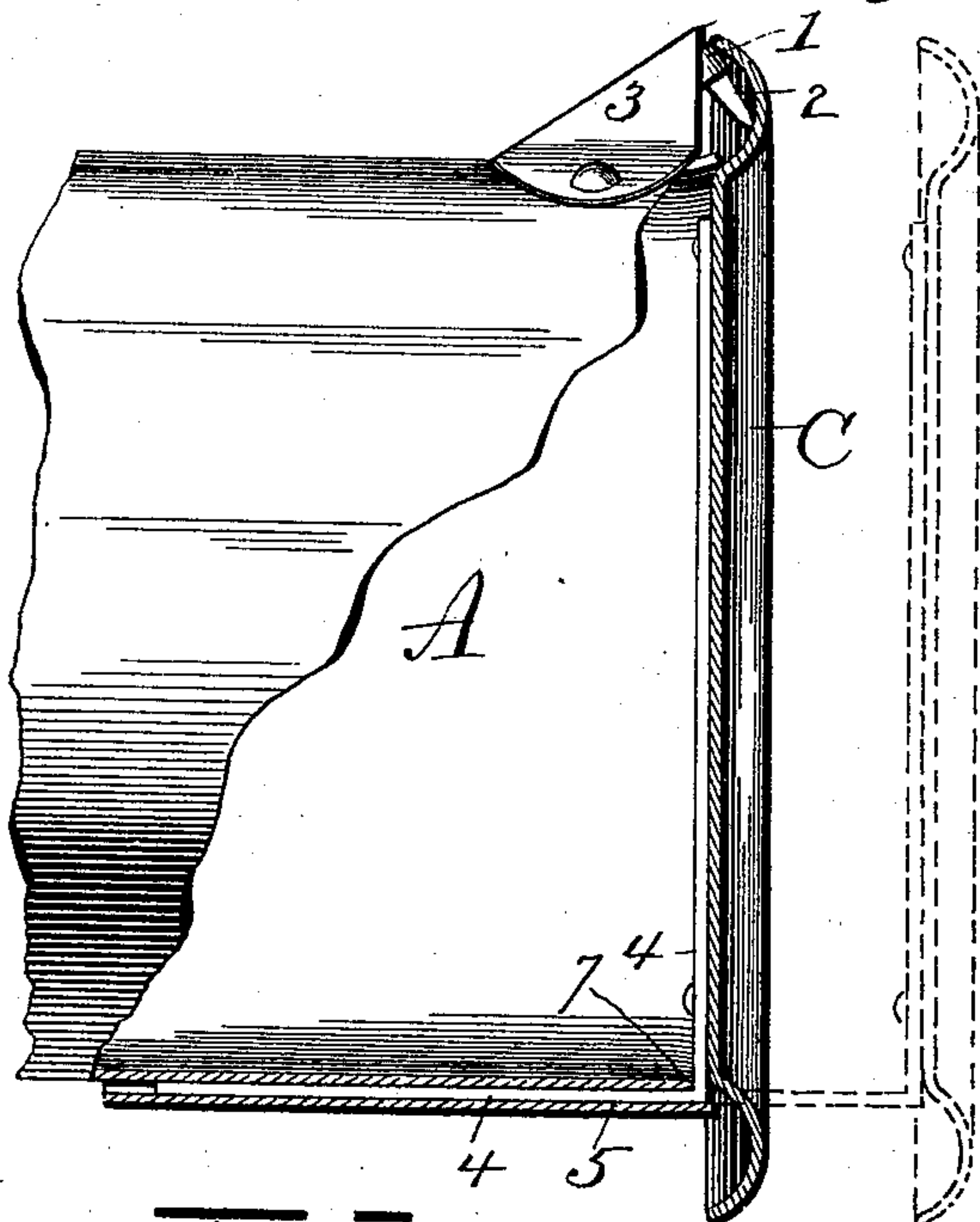
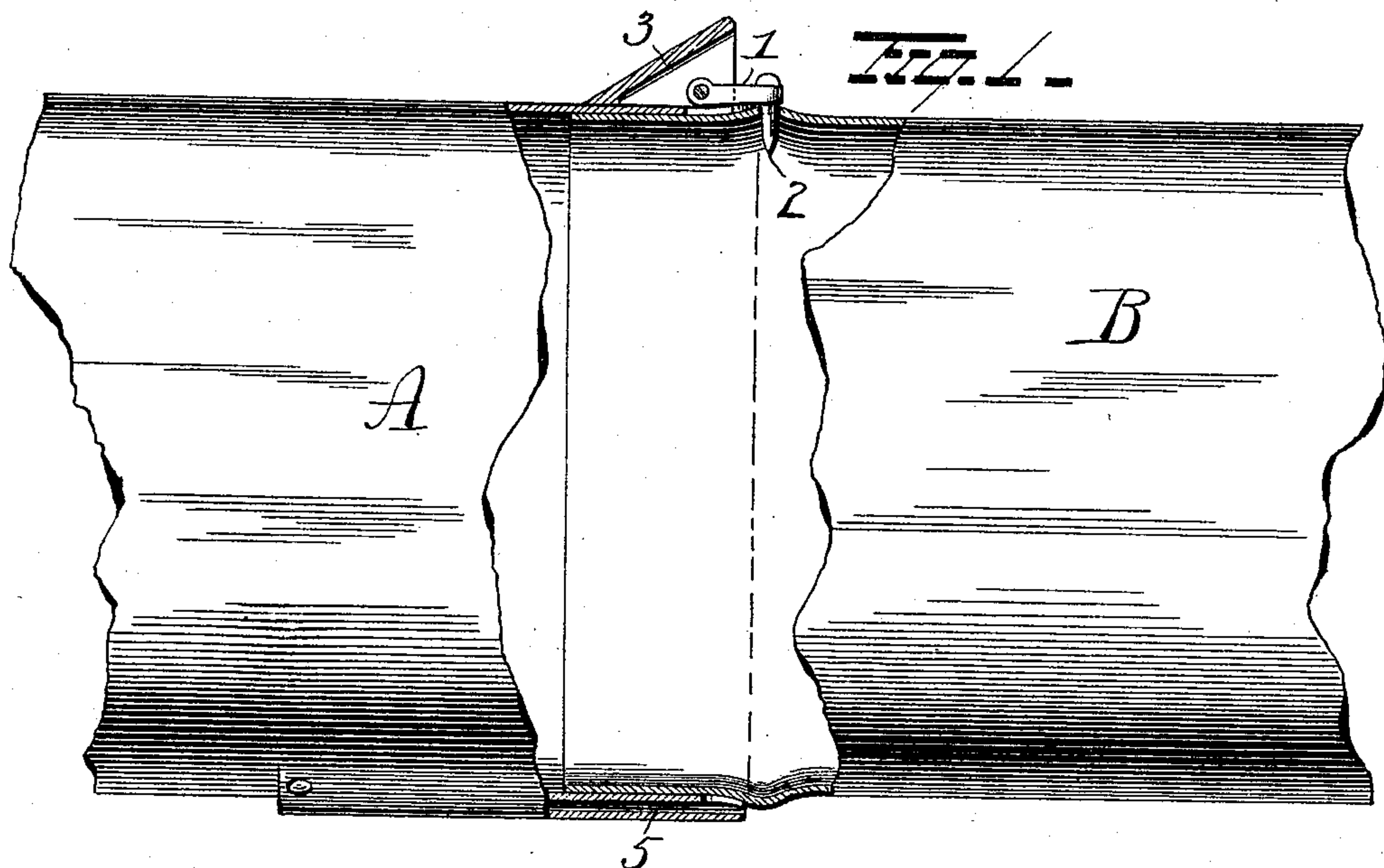


Fig. 2.

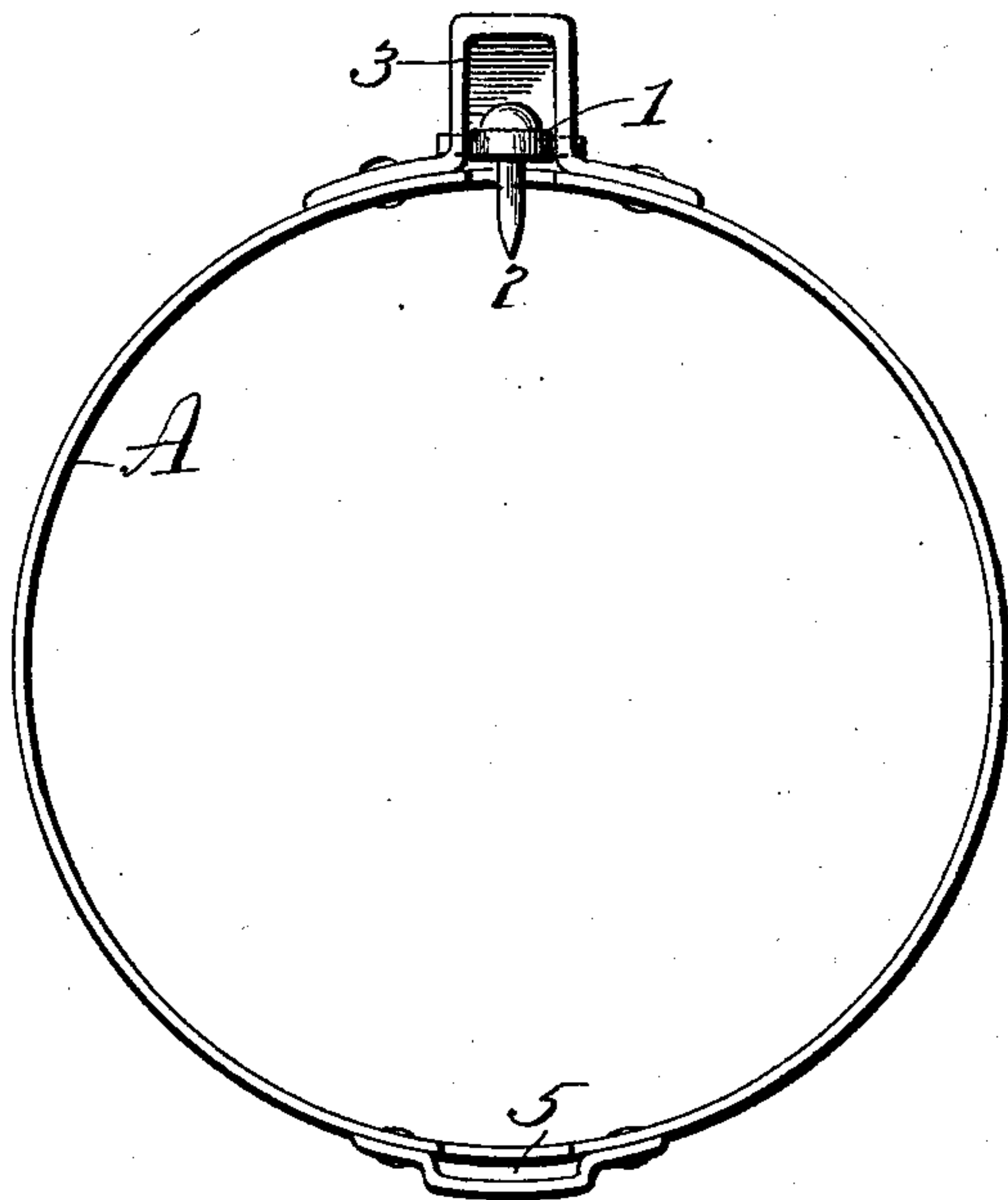


Fig. 3.

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JOHN HOLMES HUNTRESS, OF JANESVILLE, WISCONSIN.

STOVEPIPE ATTACHMENT.

SPECIFICATION forming part of Letters Patent No. 521,959, dated June 26, 1894.

Application filed September 6, 1893. Serial No. 484,934. (No model.)

To all whom it may concern:

Be it known that I, JOHN HOLMES HUNTRESS, a resident of Janesville, in the county of Rock and State of Wisconsin, have invented
5 certain new and useful Improvements in Stovepipe Attachments; and I do hereby declare the following to be a full, clear, and exact description of the invention, such as will enable
10 others skilled in the art to which it appertains to make and use the same.

My invention relates to an improvement in stove pipe fasteners, thimbles and ventilating stops or caps, the object being to provide
15 means for fastening the sections of stove pipes together, and further to provide means for securing the stop or cap in the thimble at different positions whereby to close the thimble or make an opening of any size for ventila-
20 ting purposes, without disturbing the soot which collects inside of the thimble, or danger of the stop or cap becoming accidentally displaced.

With these ends in view my invention consists in certain novel features of construction
25 and combinations of parts which will be hereinafter described and pointed out in the claims.

In the accompanying drawings, Figure 1 is a sectional view showing a section of pipe in
30 place in the thimble. Fig. 2 is a similar view showing the stop or cap in position, and Fig. 3 is a view in elevation.

A represents a thimble which fits inside of the pipe wall and forms a lining therefor,
35 and B is a section of pipe adapted to be inserted in the outer end of the thimble after the usual manner of joining pipe sections together. At the outer end of the thimble a dog 1 is pivoted, it being provided with a spur
40 or pin 2 with a sharpened point which is adapted to be driven into the pipe placed in the thimble whereby to hold the pipe in place. A small pocket 3 is formed on the thimble to receive this dog and conceal it. In assembling the parts the dog is pushed back into
45 the pocket until the pipe section has been inserted into the thimble. Then the dog is swung forward and its pin or spur 2 is driven into the pipe. In this manner a secure fastening is effected. While it is preferable to
50 locate the dog on the thimble, it might be

placed on the pipe section or one might be employed on every pipe section as desired. To unfasten the sections, it is simply necessary to insert some tool beneath the dog and
55 in that way pry it out of the pipe. In addition to holding the pipe B, the thimble may hold a cap.

C represents the cap or stop for closing the thimble when the stove pipe is taken down or
60 removed. This cap or stop is provided with an arm 4 which projects inwardly therefrom at about right angles and which is adapted to enter and be held in a socket 5 formed in one
65 side of the thimble, by friction. Heretofore caps for this purpose have usually been provided with spring arms adapted to engage the inner wall of the thimble but the disadvantage of such constructions is that they are
70 liable to withdraw soot when removed from their place, and also in such constructions it is practically impossible to adjust the cap or stop to different positions in the thimble for the purpose of ventilation, without rendering
75 them liable to accidental displacement. In the present construction the arm 4 enters a socket 5 formed in the wall of the thimble and consequently is out of the way of the soot and the frictional contact is sufficient so that
80 the cap is held at any position that it may be placed in to the full extent of the length of the arm and in this manner the air space may be increased or decreased as required so that a cap of this construction operates as a
85 very successful ventilator. When the cap is pushed in to the fullest extent it not only fits the outer end of the thimble nicely, but it also rests flat against the wall and the head of the dog and the edge 7 of the socket may form abutments for the cap to strike and rest
90 upon.

It is evident that slight changes might be resorted to in the form and arrangement of the several parts described without departing from the spirit and scope of my invention and
95 hence I do not wish to limit myself to the exact construction herein set forth, but,

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

1. A thimble for stove pipes comprising a pipe having a socket formed in the wall there-
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of, and having a dog pivoted to it, at or near the outer end thereof, substantially as set forth.

2. The combination with a thimble having
5 a dog pivoted thereto and provided with a socket in one wall, of a cap or stop provided with an arm adapted to enter and be held in the socket at different positions by frictional contact, said dog adapted to act as an abut-

ment for the cap when the latter is pushed in to the full extent, substantially as set forth.

In testimony whereof I have signed this specification in the presence of two subscribing witnesses.

JOHN HOLMES HUNTRESS.

Witnesses:

F. R. PENDLETON,

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