

No. 751,065.

PATENTED FEB. 2, 1904.

I. B. FLEEGLE.
ADJUSTABLE FLUE COLLAR.
APPLICATION FILED APR. 6, 1903.

NO MODEL.

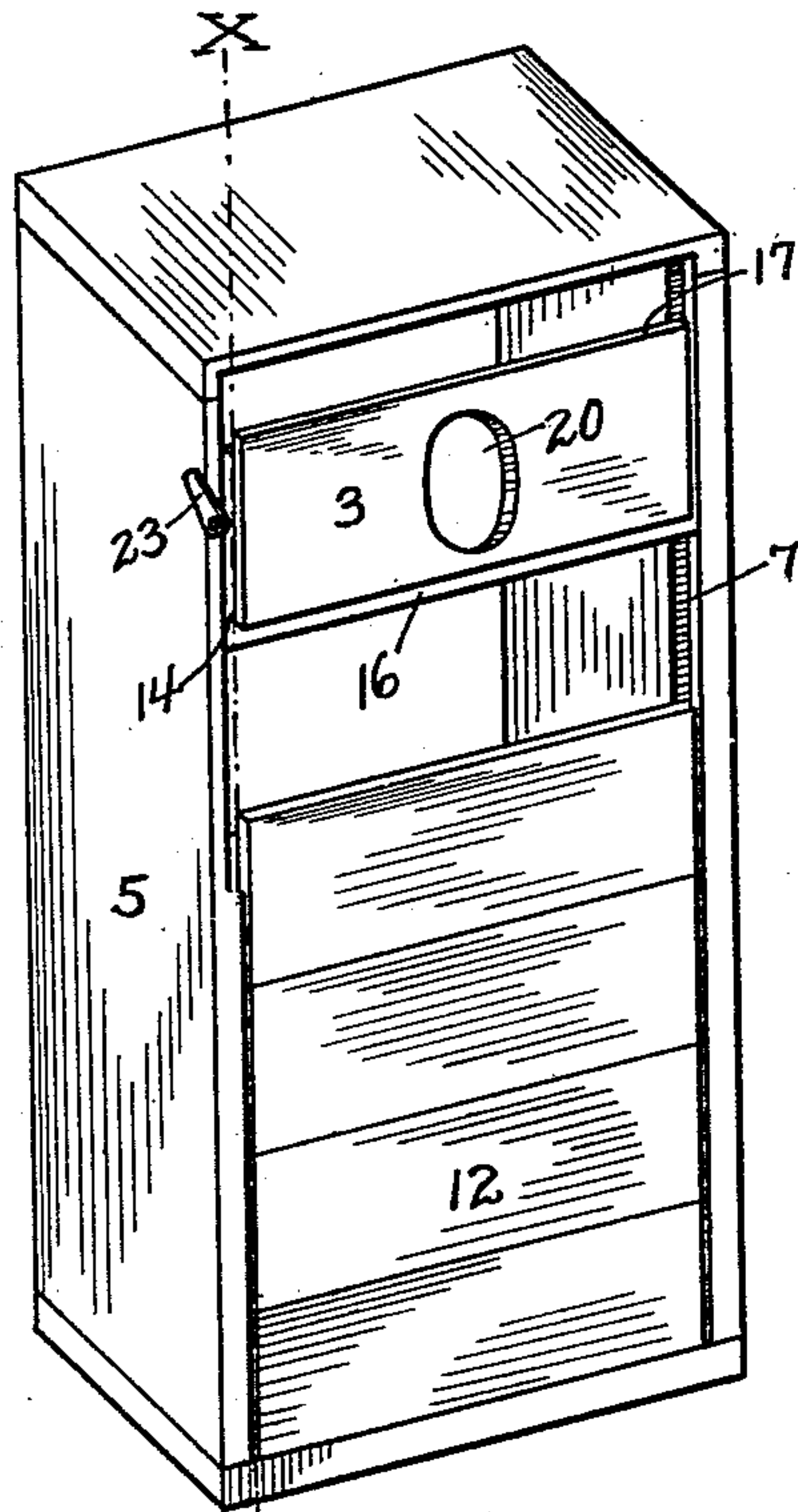


Fig. 1.

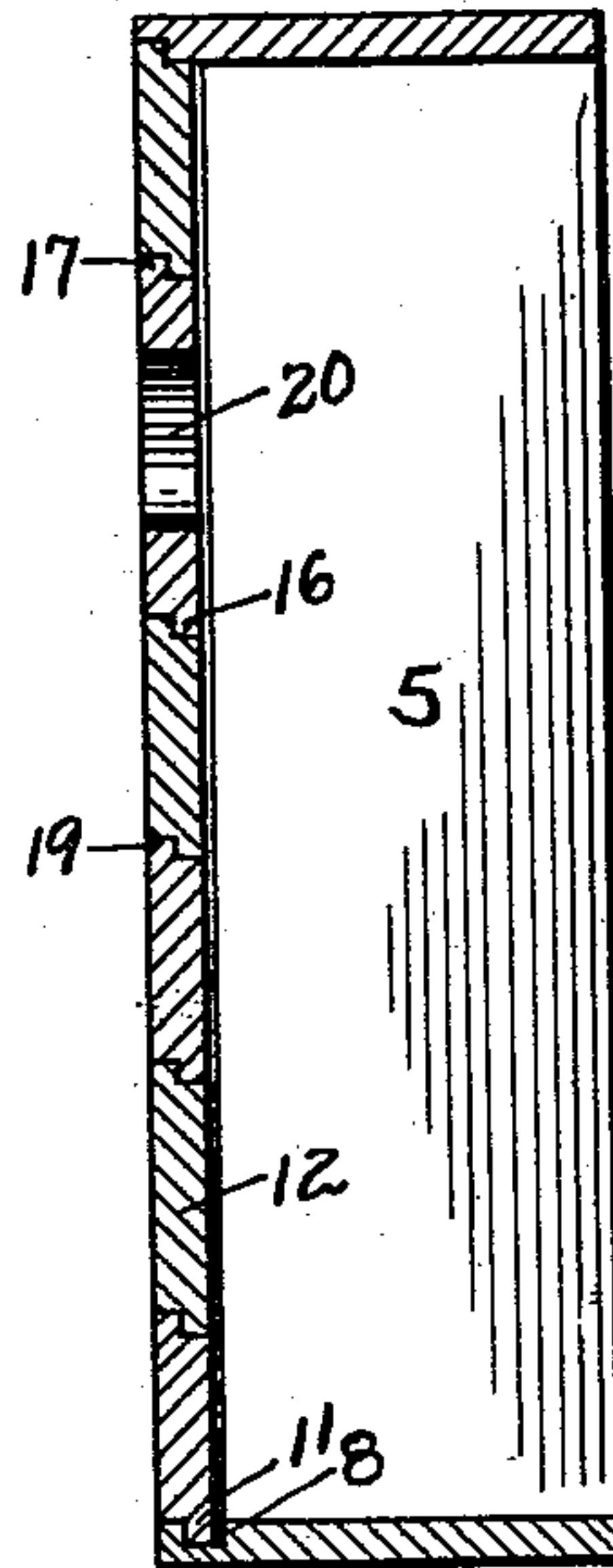


Fig. 2.

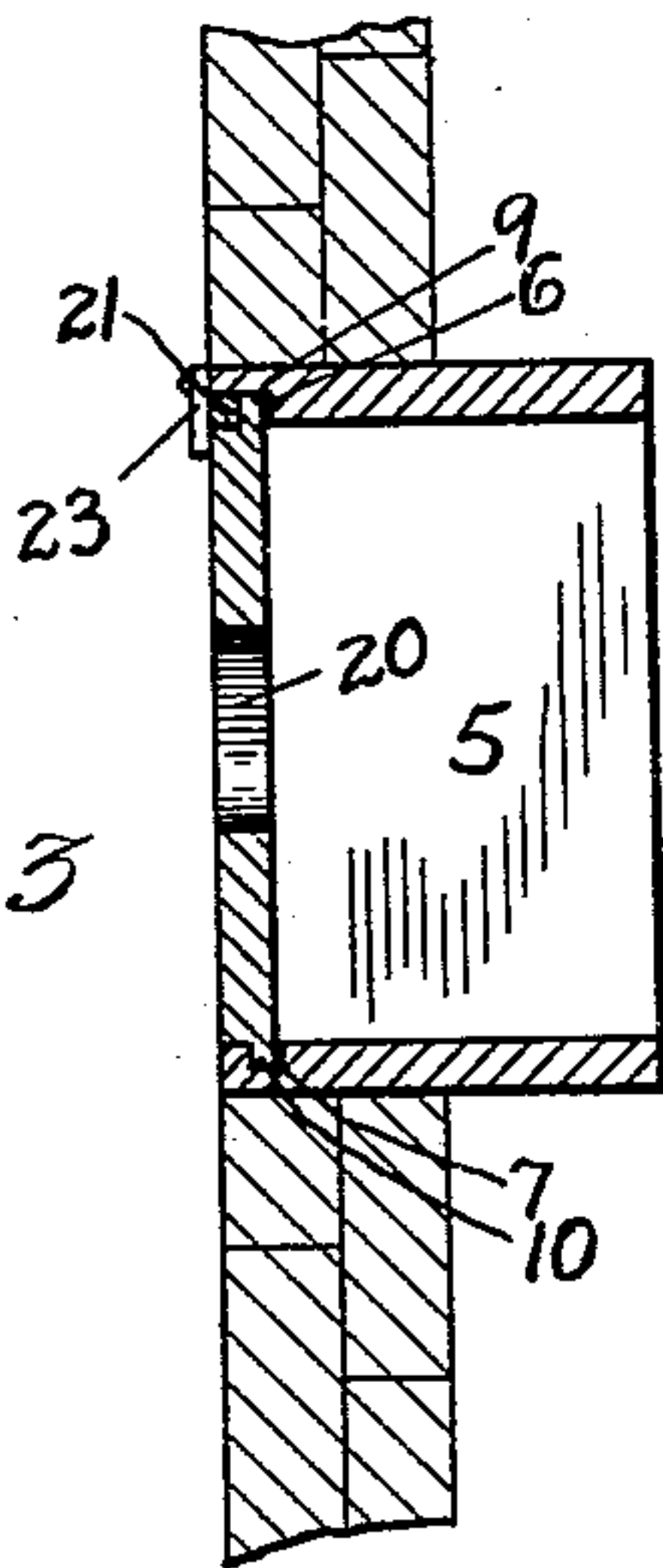


Fig. 3.

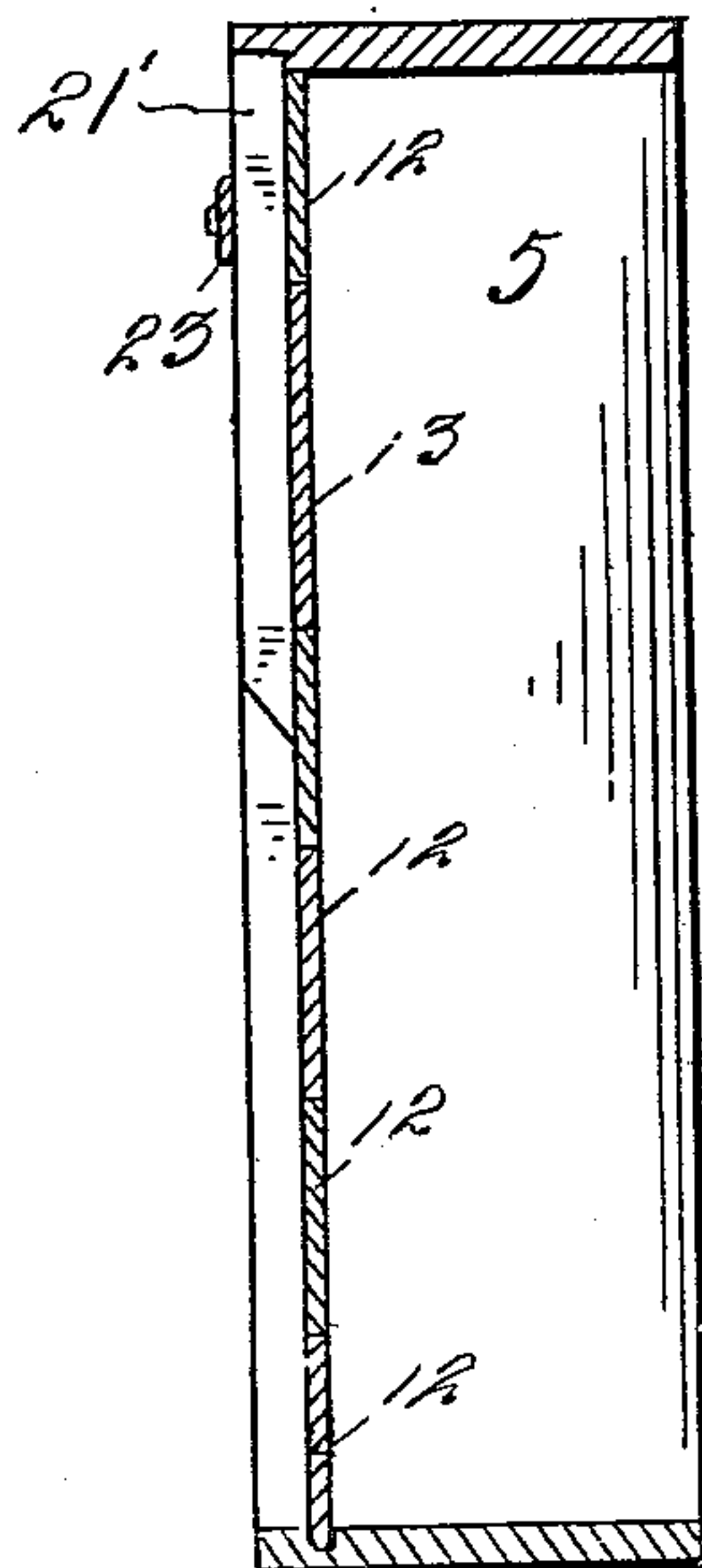


Fig. 5.

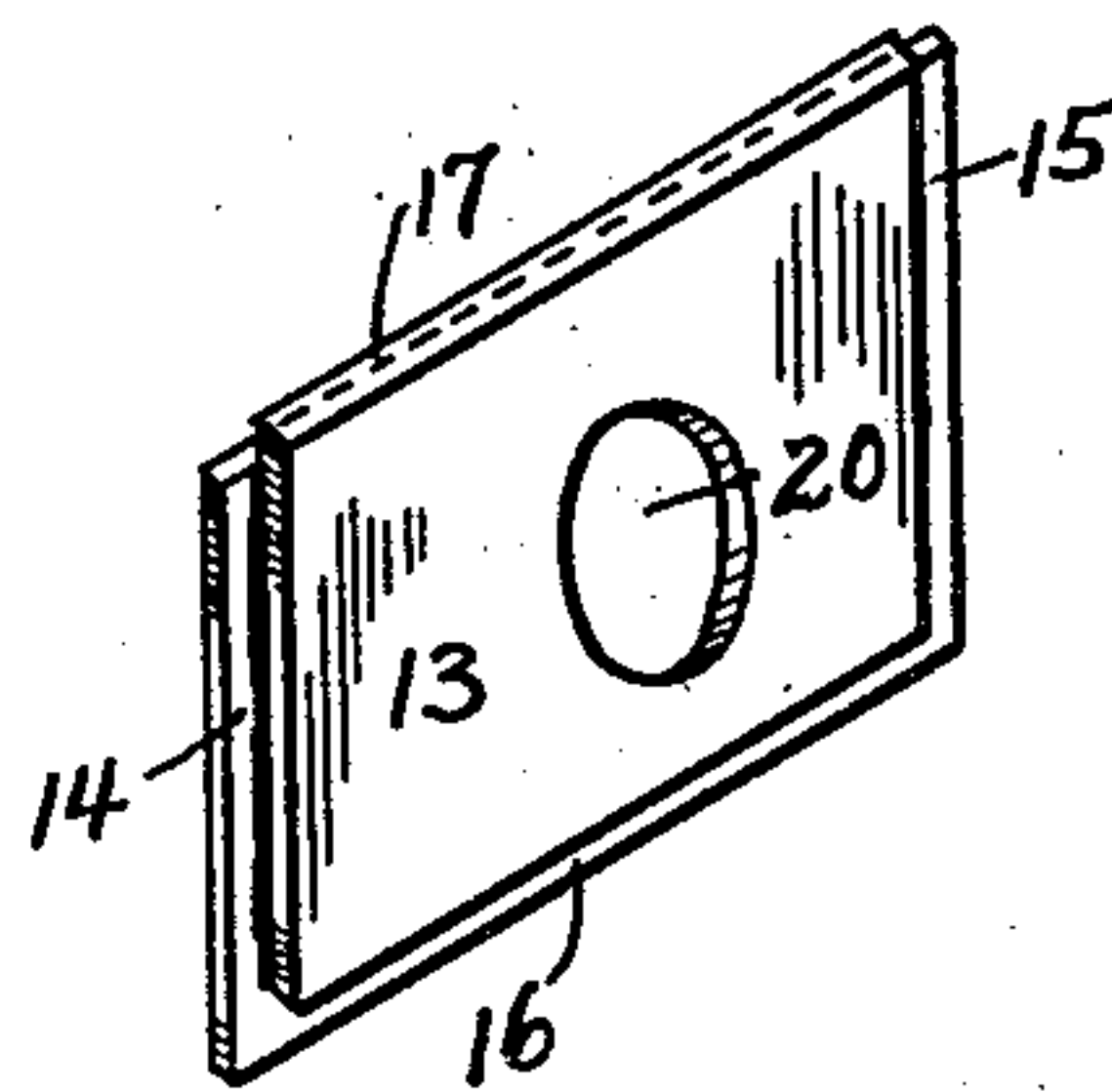


Fig. 4.

Witnesses
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UNITED STATES PATENT OFFICE.

IRVIN B. FLEEGLE, OF DALEY, PENNSYLVANIA.

ADJUSTABLE FLUE-COLLAR.

SPECIFICATION forming part of Letters Patent No. 751,065, dated February 2, 1904.

Application filed April 6, 1903. Serial No. 151,294. (No model.)

To all whom it may concern:

Be it known that I, IRVIN B. FLEEGLE, a citizen of the United States, residing at Daley, in the county of Somerset, State of Pennsylvania, have invented certain new and useful Improvements in Adjustable Flue-Collars; 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 flue-collars for chimneys; and it has for its object the provision of means whereby the collar may be adjusted as to height to receive the smoke-pipe to satisfy different specific conditions, a further object of the invention being to provide a specific construction which will permit of easy adjustment and will prevent appreciable leakage of air into the chimney.

In the drawings forming a portion of this specification, and in which like numerals of reference indicate similar parts in the several views, Figure 1 is a perspective view showing the frame of the collar with the removable section of bead taken out and the collar raised from its final position. Fig. 2 is a section taken longitudinally through the frame and the flue-collar therein, together with the supplemental plates. Fig. 3 is a transverse section through the frame and the flue-collar. Fig. 4 is a detail perspective view of the flue-collar. Fig. 5 is a section on line $x-x$ of Fig. 1, showing all of the plates and the removable portion of the bead in position.

Referring now to the drawings, the present invention includes a frame 5 of rectangular form and which in practice is put in the face of the chimney, as illustrated in Fig. 3, so that the outer face of the frame is flush with the chimney-face, and through the frame access to the interior of the chimney may be had. In the side and bottom faces of the frame are formed grooves 6, 7, and 8, which are designed to receive the flanges 9, 10, and 11 at the ends and side of any one of a series of plates 12. The plates 12 are supplemental to the collar 13, which is likewise in the form of a plate and has end flanges 14 and 15 and side flanges 16 and 17 and, if desired, this collar-plate may be disposed at the bottom of

the frame with its end and side flanges engaged in the corresponding grooves of the frame. The side and end flanges of each of the plates, including the collar-plate, are flush with one face of the plate, while one side flange of each plate is flush with the opposite face, it being noted that each of the supplemental plates has an upper flange 19. In the drawings there are shown several of the supplemental plates below the collar-plate, which latter is distinguished by reason of the opening 20 therethrough in which the smoke-pipe is engaged, and each of the plates above the bottom plate rests upon the plate next below and with its lower side flange close against the rear face of the upper flange of the plate below, so that air in appreciable quantities will not leak into the chimney. To permit of application and removal of the several plates, the upper end portion of the bead 21, forming the outer side of one of the longitudinal grooves of the frame, is removable, as shown at 21'. This removable portion is taken out, and after the above-mentioned plates have been put in place, and in addition thereto an upper plate, so that the frame is full, the portion of the bead that has been removed is engaged with its lower beveled end behind the upper beveled end of the remaining portion of the bead and is dropped or pressed into place against the adjacent flanges of the corresponding plates, the upper end of this removable section of bead being held in place by means of a turn-button 23. The end of the removable portion and that of the portion of the bead against which it bears are beveled to form a close joint.

With this construction it will be seen that the plates may be shifted in the frame so that the collar-plate may be at any desired point thereof to best answer or conform to different specific conditions.

In practice modifications of the specific construction shown may be made, and any suitable materials and proportions may be used for the various parts without departing from the spirit of the invention.

What is claimed is—

1. An attachment for chimneys comprising a frame having grooves in its inner faces, a portion of the wall on one of the grooves be-

ing removable and beveled at one of its ends, the remaining portion of the wall being beveled for close connection with the bevel portion of the removable part, a collar-plate having
5 ing flanges thereon adapted for engagement with the grooves of the frame to slide therein, supplemental plates having flanges adapted to lie within the grooves and also adapted to slide therein and means for preventing the accidental dislodgment of the removable portion
10 of the wall.

2. A device of the class described comprising a frame having grooves in its faces, a collar-plate having side and end flanges mounted
15 with its end flanges in the grooves of the

frame, supplemental plates having side and end flanges and lying with their end flanges in the grooves of the frame and with their other flanges against the corresponding flanges of the adjacent plates, a portion of the wall of
20 one of the grooves being removable to permit of the insertion and removal of the plates, and means for holding the removable portion against accidental dislodgment.

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

IRVIN B. FLEEGLE.

Witnesses:

WM. S. FLEGLE,

ZELLA FLEGLE.