

(No Model.)

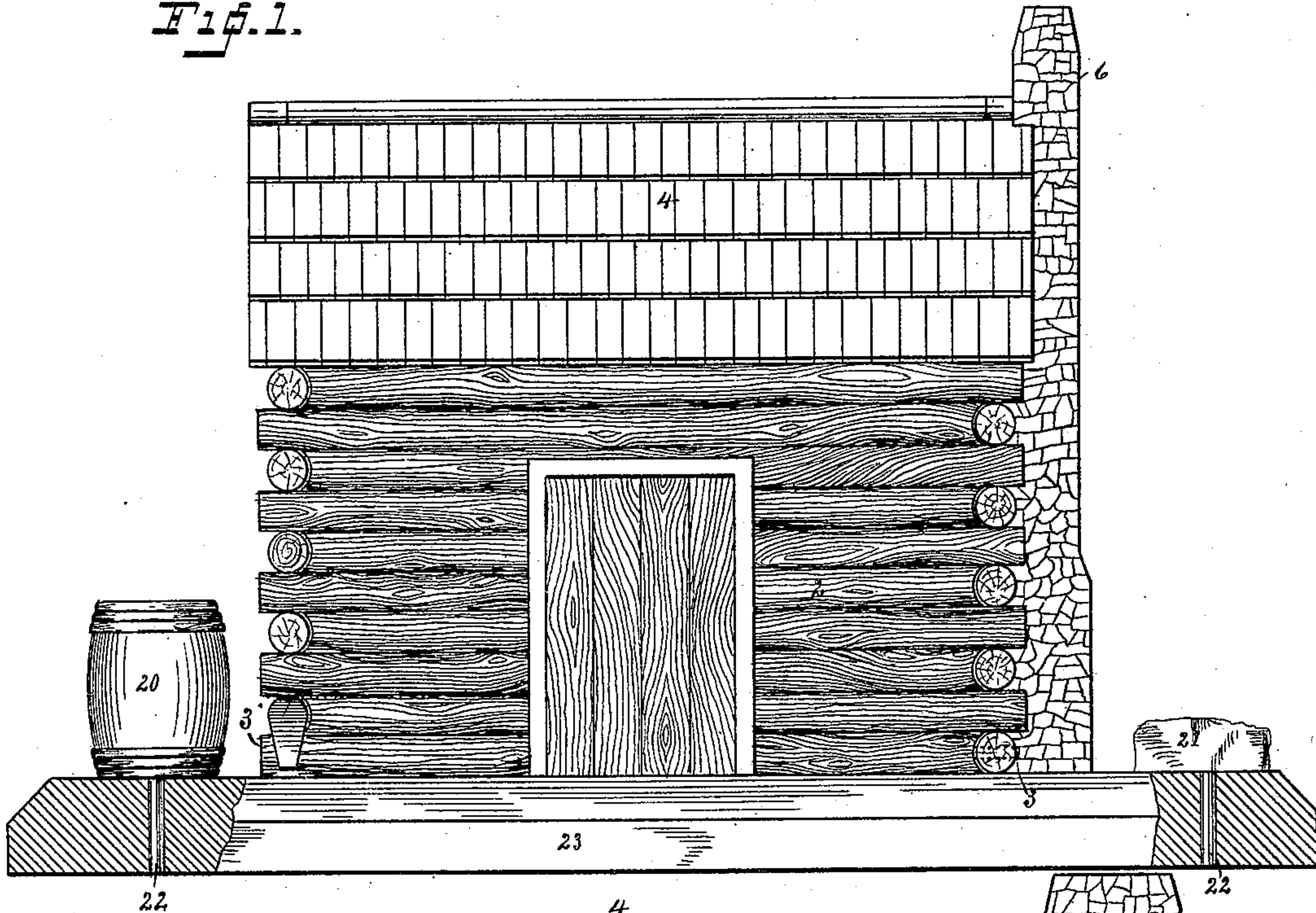
2 Sheets—Sheet 1.

W. S. WHITING.  
SMOKER'S SET.

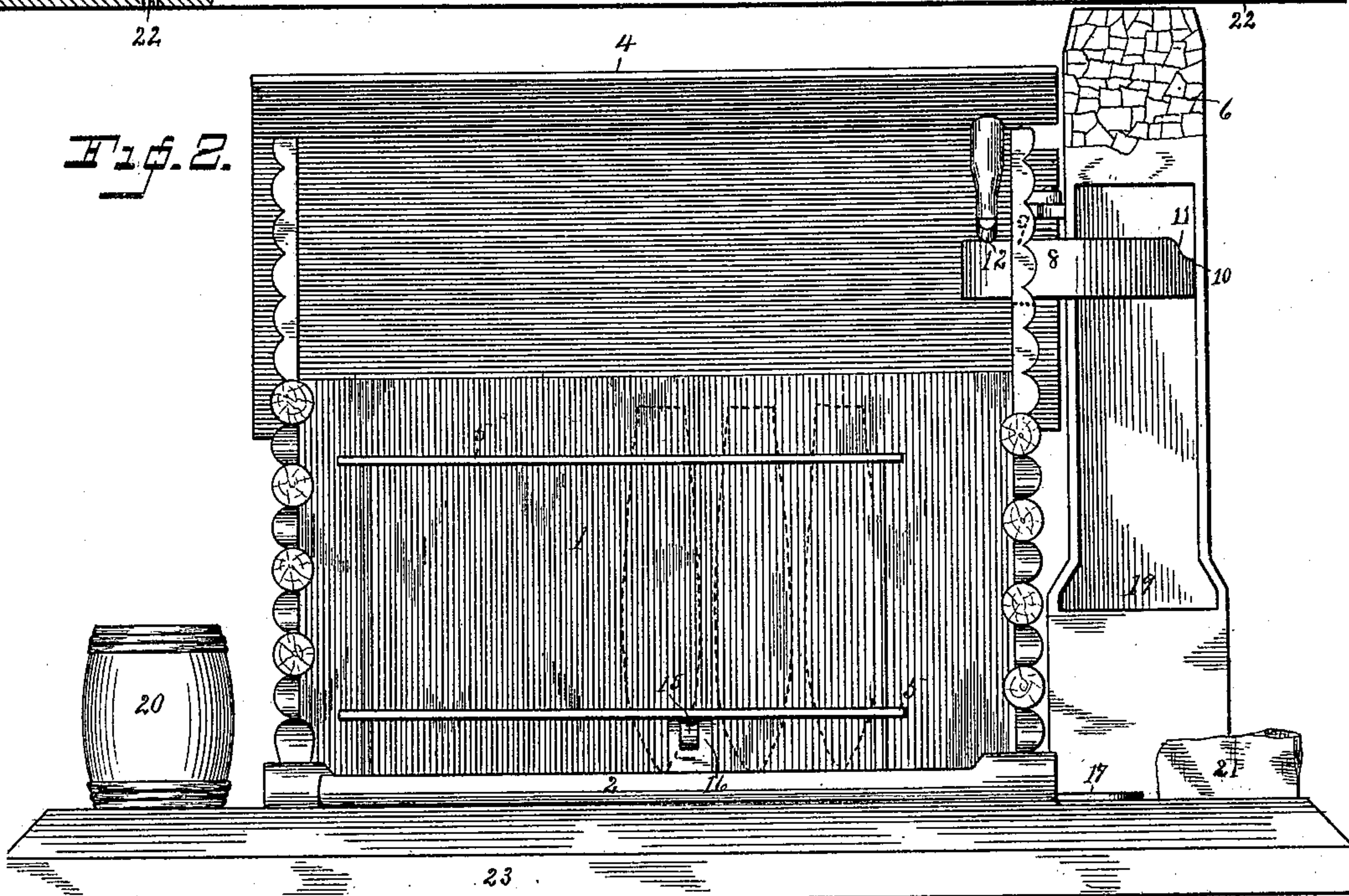
No. 404,665.

Patented June 4, 1889.

*Fig. 1.*



*Fig. 2.*



**WITNESSES**

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**INVENTOR**

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*Att.*



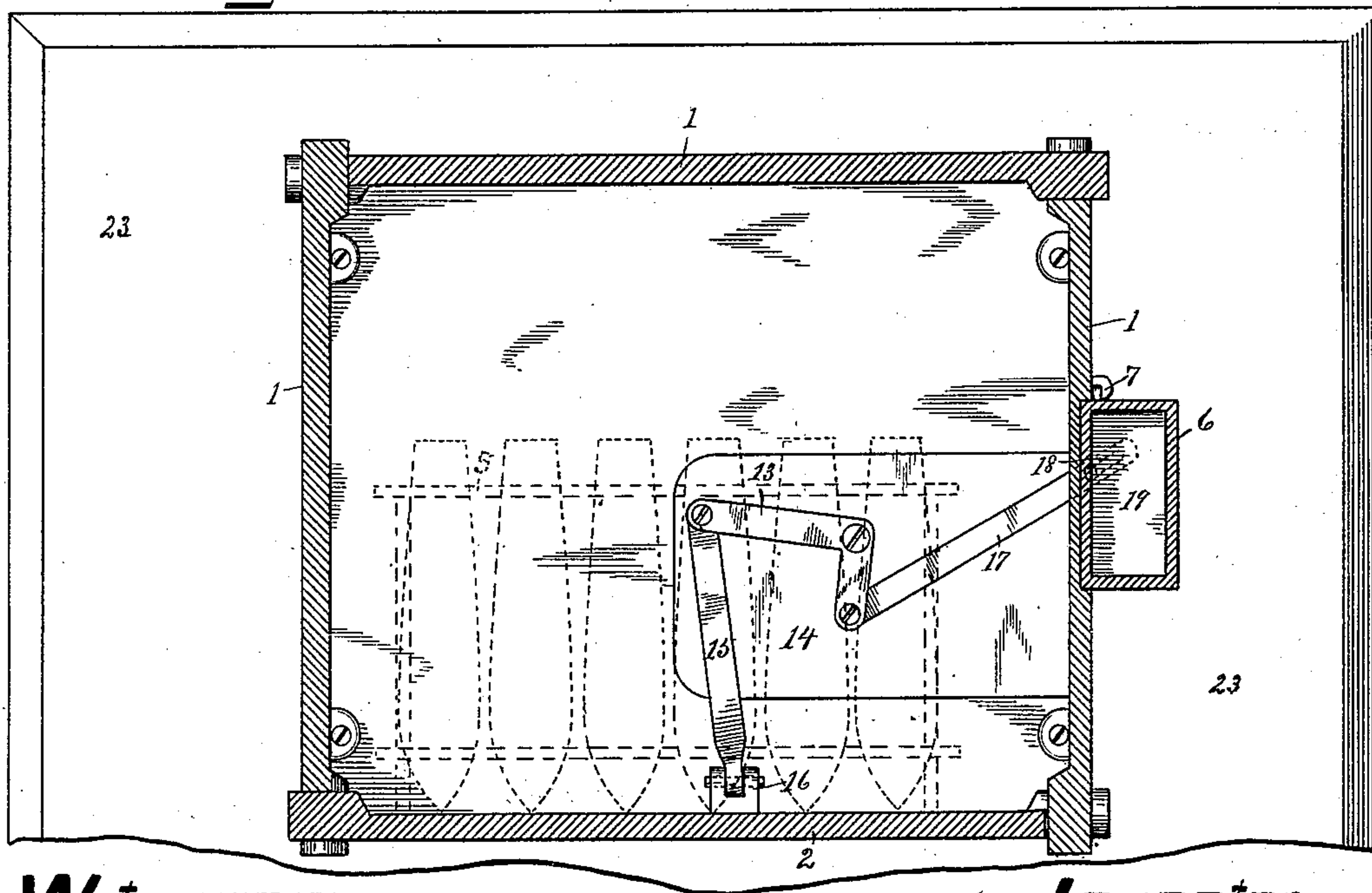
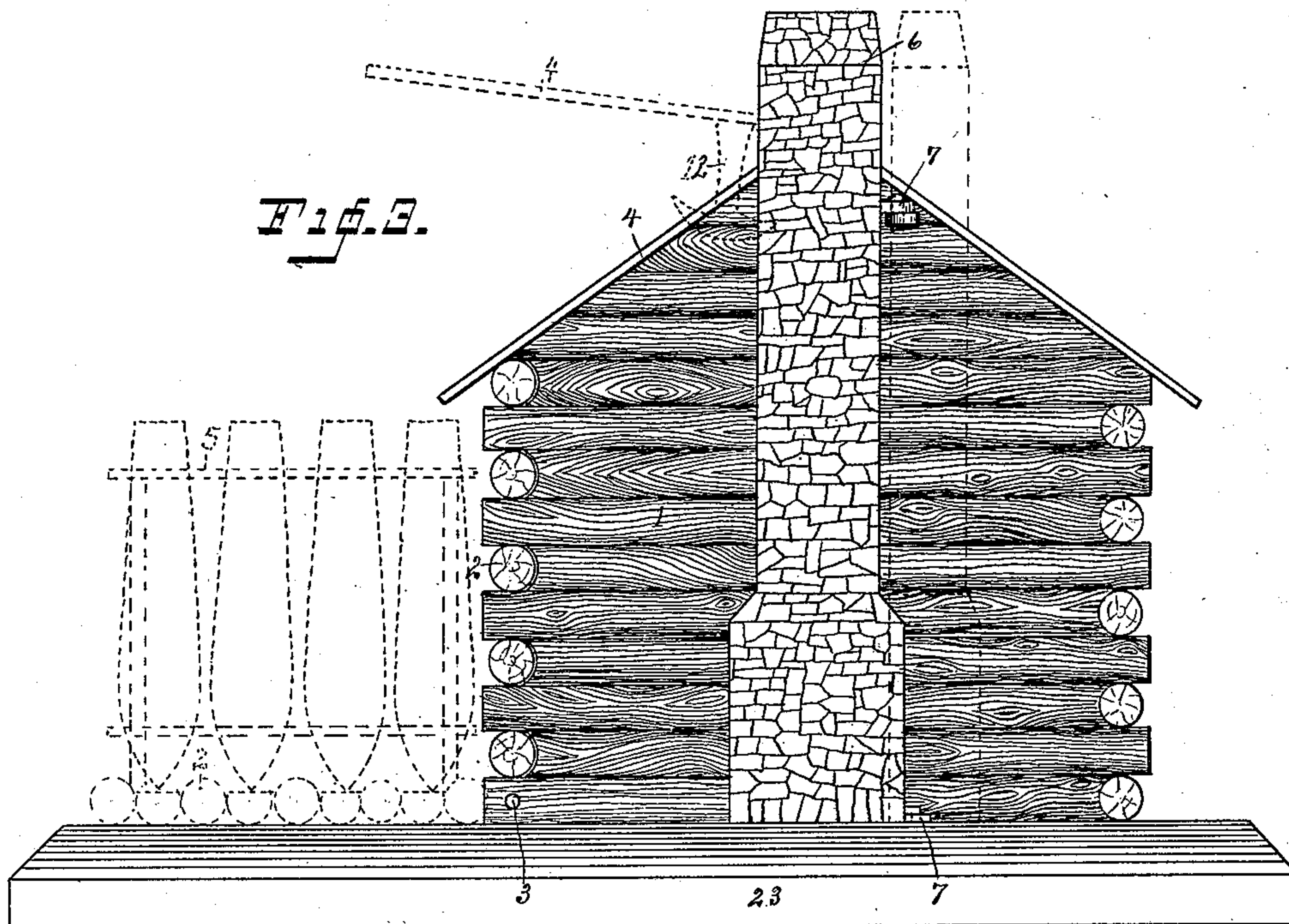
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# UNITED STATES PATENT OFFICE.

WILLIAM S. WHITING, OF WATERBURY, CONNECTICUT, ASSIGNOR TO  
CHARLES F. TROTT, OF SAME PLACE.

## SMOKER'S SET.

SPECIFICATION forming part of Letters Patent No. 404,665, dated June 4, 1889.

Application filed January 28, 1889. Serial No. 297,769. (No model.)

*To all whom it may concern:*

Be it known that I, WILLIAM S. WHITING, a citizen of the United States, residing at Waterbury, in the county of New Haven and State of Connecticut, have invented certain new and useful Improvements in Smokers' Sets; 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.

My invention has for its object to produce a smoker's set provided with a cigar-holder, ash-receiver, &c., which shall be so constructed that the cigar-holder will fold up within the outer walls, so as to be wholly concealed from view, and which by a slight movement may be let down to place the cigars in convenient position for use.

With these ends in view I have devised the novel construction of which the following description, in connection with the accompanying drawings, is a specification, numbers being used to denote the several parts.

Figure 1 is a side elevation of the device complete and in the closed position; Fig. 2, an elevation thereof in the open position; Fig. 3, an end elevation in the closed position, the open position of the parts being indicated in dotted lines; and Fig. 4 is a horizontal section in the closed position, looking down.

It will of course be understood that the principle of my invention may be applied in connection with various ornamental designs, the design selected in the present instance being that of a log cabin with a stone chimney and a bark roof, the cabin being mounted on a stand, and there being in front of the cabin a cider-barrel and a rock, the former serving as a match-safe or ash-receiver and the latter as a scratcher for matches. As the design of this log cabin is made the subject of a design application of even date herewith, I shall in the specification refer to the cabin as a case and to the chimney as a hinged operating-lever.

1 denotes the end and back walls of the case, which may be cast in a single piece, or may be cast separately and secured together,

or, if preferred, may be made of other material, as sheet metal or compressed paper.

2 denotes the front wall, which is hinged to the end walls at the bottom, as indicated at 3 in Figs. 1 and 3, and 4 denotes the cover, the whole or a portion of which is hinged, so as to permit of its being raised. In the present instance I have shown the cover as made in two parts, like the sloping double roof of a cabin, and as hinged at the apex. (See Fig. 1; also indicated in dotted lines in Fig. 3.)

5 denotes the cigar-holder, which is secured to the front wall. This holder is preferably made in the form of a rack consisting of two plates having perforations to receive the cigars, said plates being supported by standards, the lower ends of which are rigidly secured to the front wall, so that when the parts are in the open position, as in Figs. 2 and 3, the cigars will stand upright in the rack, and when in the closed position the cigars will lie horizontally in the rack, as indicated in Fig. 4.

The cover is raised and the cigar-holder is turned outward to place the cigars in position for use by means of a suitable operating-lever 6. In the present instance I make the imitation chimney of the log cabin serve as the operating-lever. This chimney or operating-lever is hinged to the case, as at 7, in such a manner as to permit of its being turned outward from the position shown in Figs. 1 and 3 to that shown in Fig. 2, and indicated in dotted lines in Fig. 3. The roof—i. e., the cover—is raised by means of a curved arm 8, the outer end of which is attached to the chimney, and which extends within the case through a slot 9 in the wall thereof. (See Fig. 2.) At the outer end of this arm where it joins the chimney is a depressed portion 10, having an upwardly-extending incline 11.

12 is an arm which projects downward from the cover, the lower end resting upon curved arm 8. When the chimney is swung to its normal position—that is, the closed position of the case—as shown in Figs. 1 and 3, the lower end of arm 12 will rest in depressed portion 10 of arm 8. When the chimney is swung to the open position, however—that is, as in Fig. 2—the lower end of arm 12 will ride up the incline of arm 8, which will raise the



roof—*i. e.*, the cover—as is clearly shown in Fig. 2, the roof remaining in the raised position until the chimney—*i. e.*, the operating-lever—is swung back to its normal or closed position. The front wall of the case, which carries the cigar-holder, is also operated by means of the chimney or operating-lever, but does not move until after the cover has been raised.

13 denotes a bell-crank lever pivoted to the bottom of the case. In the present instance said lever is shown as pivoted to a plate 14.

15 is a link, one end of which is pivoted to one arm of the bell-crank lever, the other end being pivoted to ears 16 near the bottom of the front wall 2.

17 denotes a link, the inner end of which is pivoted to the other arm of the bell-crank lever, its outer end being pivoted to the operating-lever—*i. e.*, the chimney—near the bottom thereof. The outer end of link 17 is shown (see dotted lines, Fig. 4) as provided with a slot 18, through which the pivot passes. This is in order that the front wall carrying the cigar-holder shall not begin to move until after the cover is raised. In returning the parts to their closed position the operating-lever—*i. e.*, the chimney—simply has to be turned back to its normal position. As soon as the limit of slot 18 is reached, the front wall 2, carrying the cigar-holder, will begin to rise and swing over to its closed position. It will of course be understood that the parts are so constructed that the front wall, and with it the cigar-holder, will reach the closed position before the cover descends upon them.

19 denotes a receptacle in the chimney, which may serve as a match-safe or an ash-receiver—ordinarily, however, as a match-safe. In order to provide a suitable ash-receiver, and also to carry out the traditional idea of the log cabin and cider-barrel, I provide an imitation cider-barrel 20 at one side of the cabin, and in order to provide a suitable scratcher for matches I place an imitation rock 21 on the opposite side of the cabin. The cider-barrel and rock are both provided with standards or pivots 22, which extend down into the stand, which I have denoted by 23. This stand may of course be made of any suitable material, as of wood or metal.

As already stated, the material of which the case is composed has nothing to do with my present invention, although in practice I preferably cast the parts from metal and bronzed them. It will furthermore be apparent that the mechanical construction of the case may be applied to any suitable ornamental design and is in no way limited to the design herein shown.

Having thus described my invention, I claim—

1. A smoker's set consisting of a case the front wall of which is hinged at the bottom and is provided with a cigar-holder, a hinged cover, a hinged operating-lever, and connecting mechanism, substantially as described and shown, operated by said lever, whereby the cover is raised and the front wall with the cigar-holder turned outward to place the cigars in position for use.

2. The case having a hinged front wall carrying a cigar-holder and a hinged cover having a downwardly-projecting arm 12, in combination with an operating-lever having a curved arm with an incline which engages arm 12 to raise and lower the cover, a bell-crank lever, and links 15 and 17, whereby the front wall and cigar-holder are moved, respectively, to the open and closed positions.

3. The case consisting of end and back walls 1, a front wall hinged to the end walls, and a hinged cover having an arm 12, in combination with an operating-lever having a curved arm extending into the case and provided with an incline which engages arm 12 to raise and lower the case, a bell-crank lever 13 within the case, and links 15 and 17, connected to the bell-crank lever and to the front wall and operating-lever, respectively, as and for the purpose set forth.

4. The combination, with the side and back walls, of a front wall hinged at the bottom and carrying a cigar-holder, an operating-lever, a bell-crank lever, and links connected, respectively, to the front wall and to the operating-lever, whereby said front wall and cigar-holder are thrown to the open and closed positions.

5. The combination, with the walls, of a hinged cover having a depending arm 12 and a hinged operating-lever having a curved arm 8, provided with an incline adapted to engage arm 12, whereby the cover is raised and lowered, respectively, when the operating-lever is moved inward or outward.

6. The combination, with the end and back walls, the front wall hinged thereto and carrying a cigar-holder, and an operating-lever having a curved arm extending within the case, of a hinged cover having an arm engaged by said curved arm, and mechanism, substantially as described and shown, operated by said lever, whereby the front wall is moved to the open or closed position and the cover is raised or lowered.

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

WILLIAM S. WHITING.

Witnesses:

PORTER L. WOOD,  
LOUIS A. TOTTEN.