

(No Model.)

F. H. RICHARDS.

PACKING CASE FOR BUTTON FASTENERS.

No. 322,009.

Patented July 14, 1885.

Fig. 1.

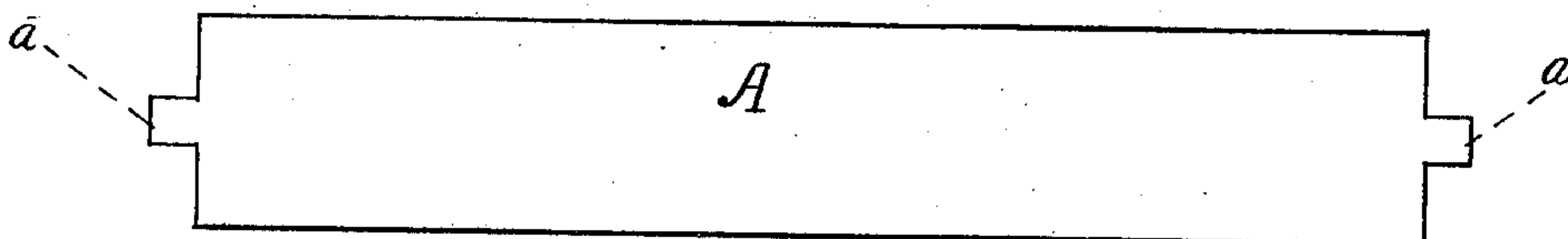


Fig. 2.

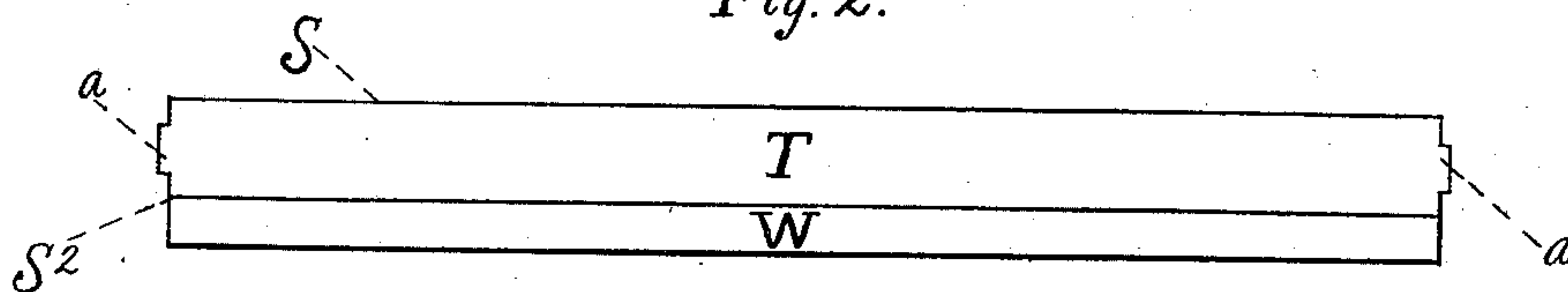


Fig. 3.

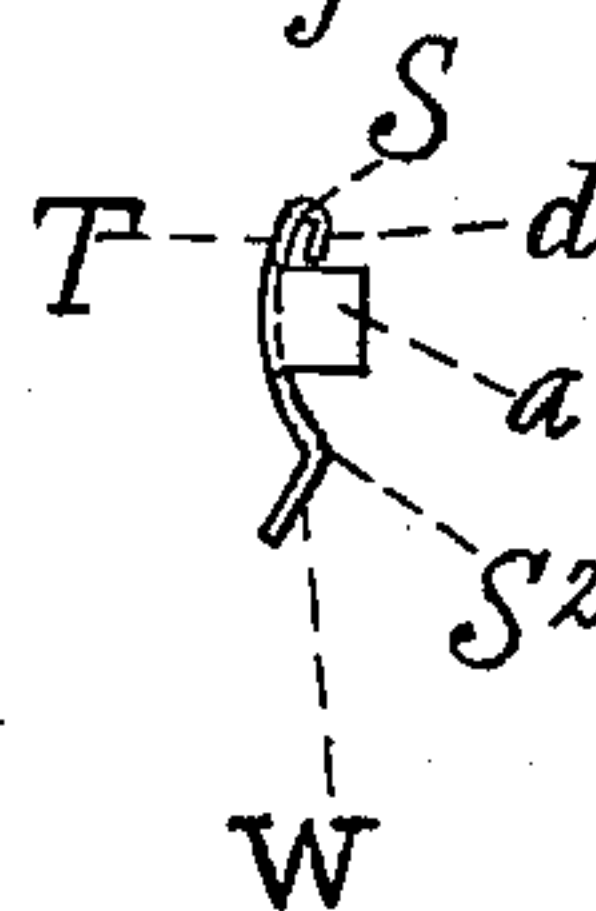


Fig. 4.



Fig. 5.

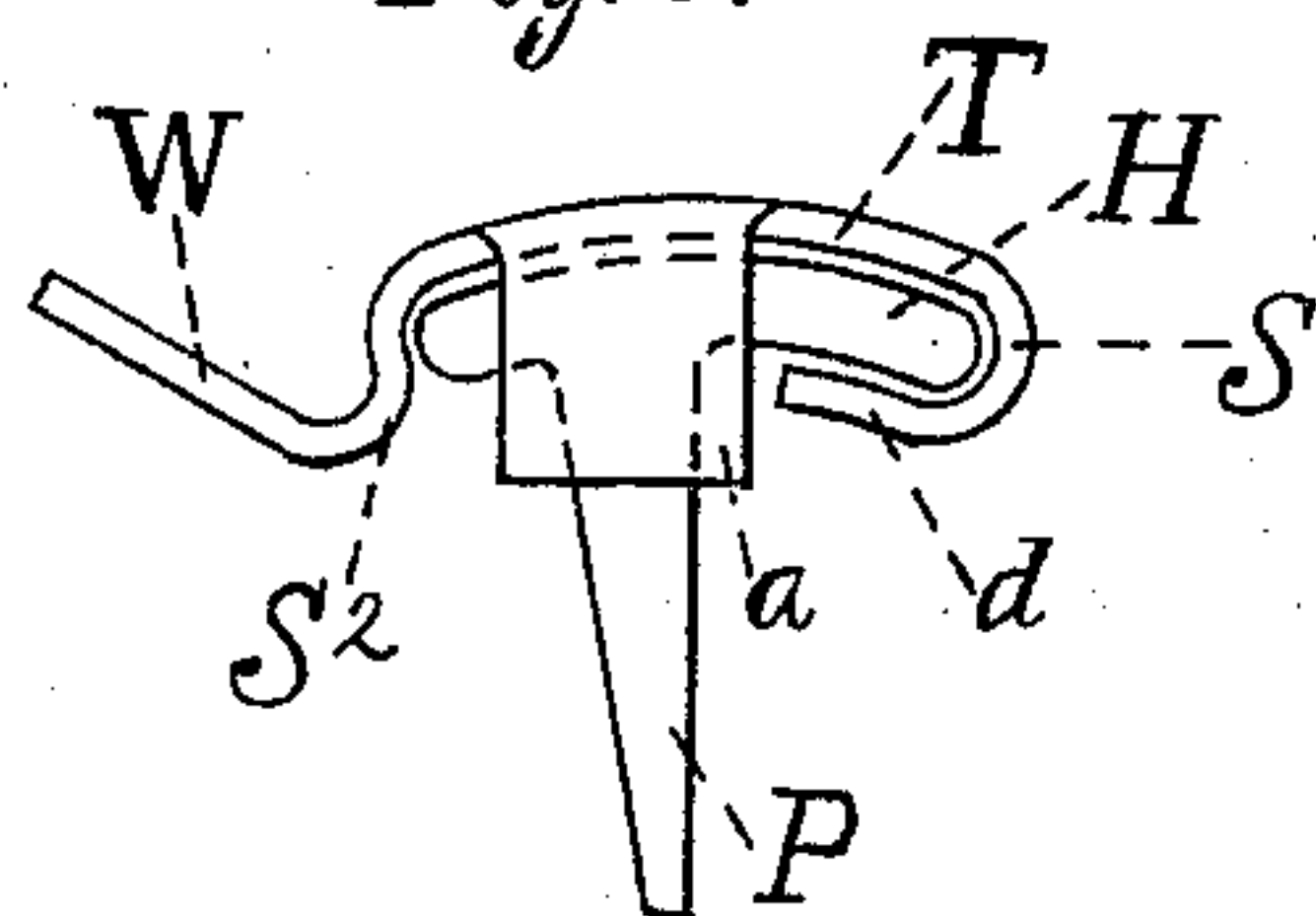


Fig. 7.

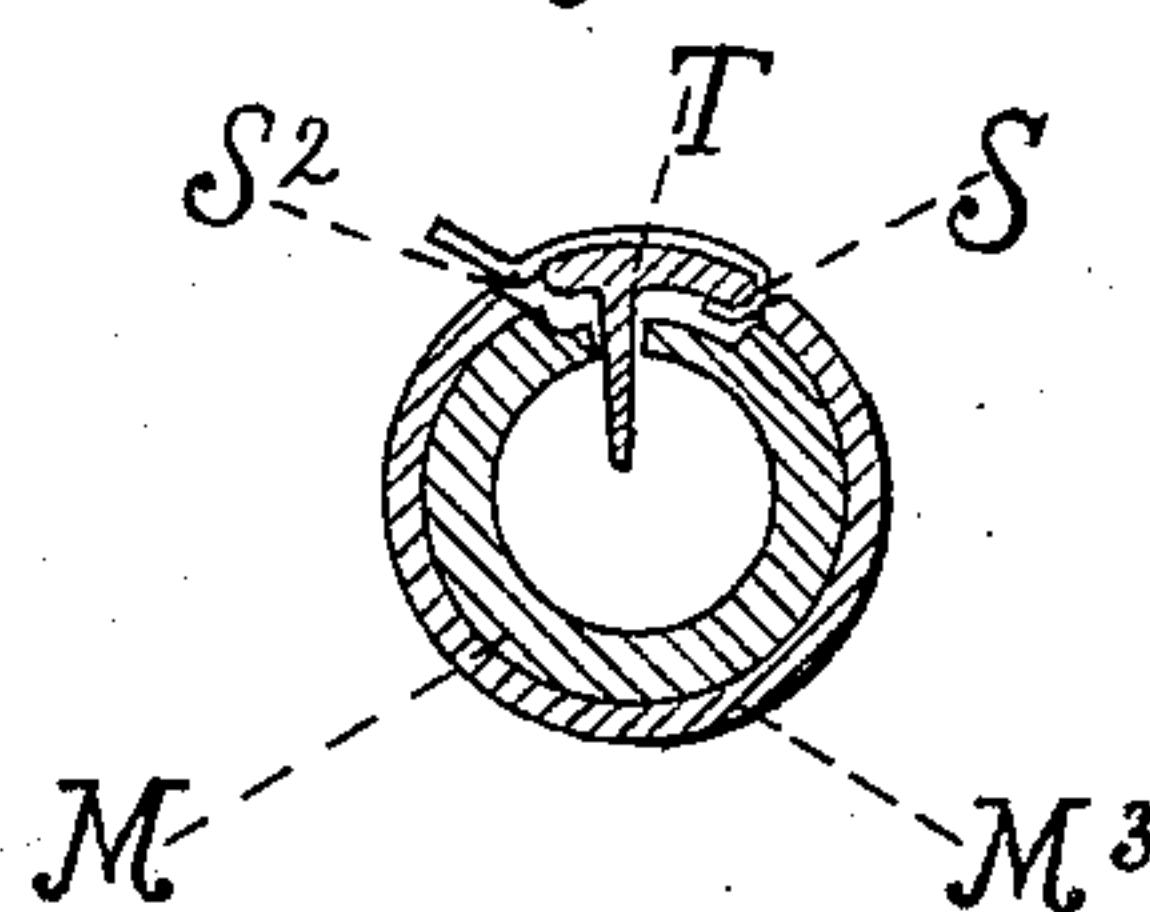
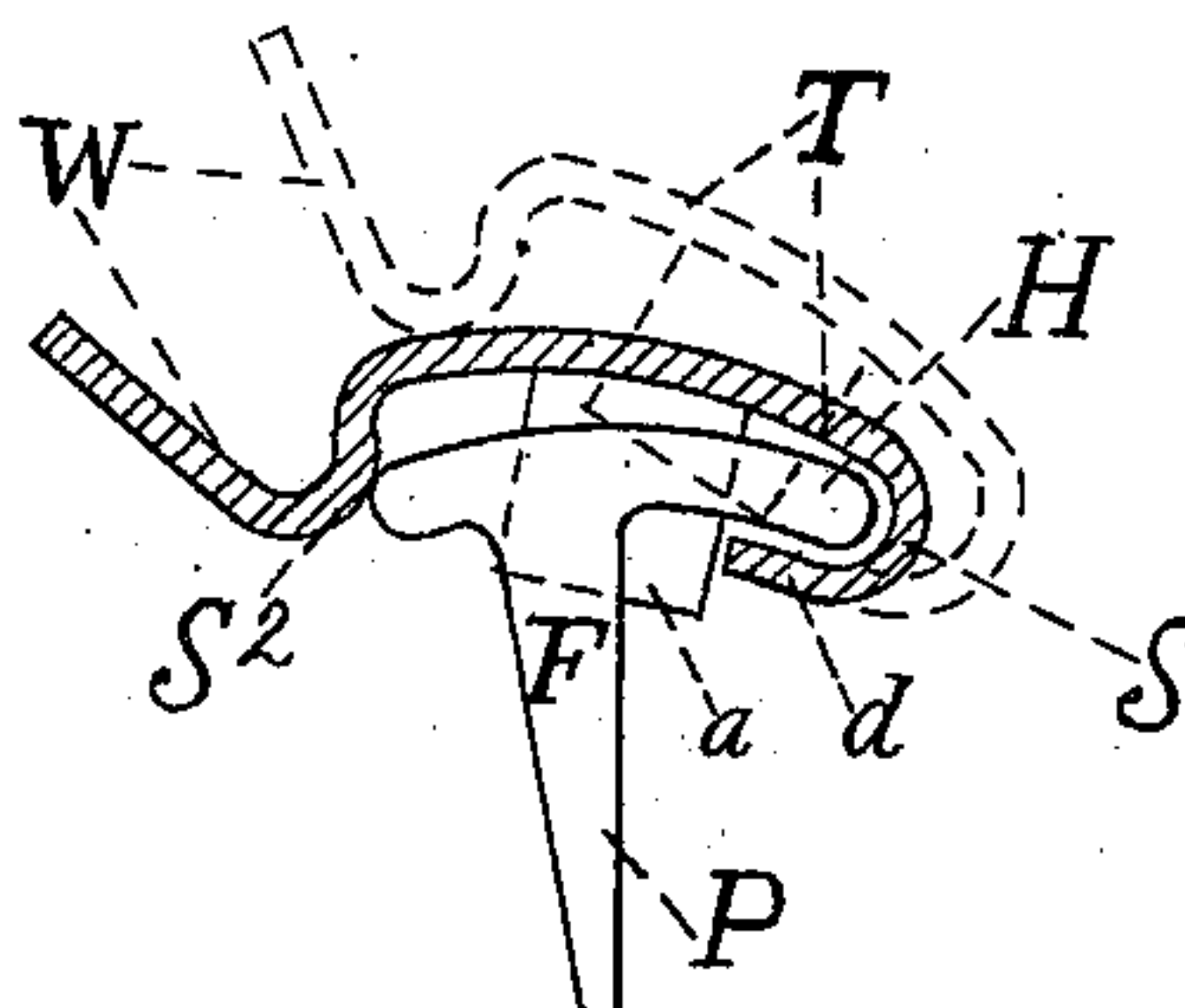


Fig. 6.



Witnesses:

Geo. G. Prentice.
W. F. Noble.

Inventor:

Francis H. Richards.

UNITED STATES PATENT OFFICE.

FRANCIS H. RICHARDS, OF SPRINGFIELD, MASS., ASSIGNOR TO THE AMERICAN BUTTON FASTENER COMPANY, OF NEW BRITAIN, CONN.

PACKING-CASE FOR BUTTON-FASTENERS.

SPECIFICATION forming part of Letters Patent No. 322,009, dated July 14, 1885.

Application filed February 19, 1885. (No model.)

To all whom it may concern:

Be it known that I, FRANCIS H. RICHARDS, a citizen of the United States, residing at Springfield, county of Hampden, State of Massachusetts, have invented certain new and useful Improvements in Button-Fastener Packing-Cases, of which the following is a specification, reference being had to the accompanying drawings, forming a part thereof, in which—

Figure 1 shows the blank for making my improved packing-case. Fig. 2 is a top view of the packing-case completed. Fig. 3 is an end view of the same, drawn in projection to Fig. 2. Fig. 4 is a side view of the completed case filled with button-fasteners. Fig. 5 is an enlarged view of Fig. 3, showing a button-fastener as held in the case. Fig. 6 illustrates the manner of removing the case from the inclosed button-fastener. Fig. 7 shows a case full of the fasteners placed in the magazine of a button-fastener-setting machine, ready for the removal of the case.

Similar characters designate the same parts in all the views.

This invention relates to packing-cases that are more especially adapted for holding one-prong button-fasteners which are cut out of sheet metal.

The object is to provide a convenient case or receptacle into which the button-fasteners may be packed by hand or by mechanical appliances, and there kept in readiness for placing in the magazine of a button-fastener-setting machine—as, for instance, the magazine M, (shown in Fig. 7, and in United States Patent No. 311,033, granted to me January 20, 1885,) to which reference may be had.

The invention consists in a packing-case having the construction substantially as hereinafter described and claimed.

In the drawings, A designates the blank, formed, preferably, of soft thin sheet metal, from which my improved packing-case is made. This blank is so proportioned in its several dimensions as to produce a packing-case having the desired size and shape. The

ends of the blank are provided with projecting lips *a a*, the purpose of which will be explained further on.

T is the top portion of the completed case, shaped to correspond with the head H of button-fastener F. One side of the case, at S, is bent over into a clasp, *d*, so as to inclose one end of the fastener-head, as shown best in Fig. 5. On the other side it is formed to hook over the opposite end of the head, as at S², and preferably has a wing, W, whereby the case may be unbent, as shown in Fig. 6, and then slipped off from the head H, as shown by dotted lines in this figure.

The case having been shaped to conform to the fasteners, substantially as shown, it is next filled with fasteners, as in Fig. 4, and the lips *a*, Fig. 1, are bent down over the ends of the row of the fasteners F, as in Figs. 2 to 6, so as to hold said fasteners from falling out. The filled cases are packed in boxes for shipment or laid away for future use. When the fasteners are inserted into the groove of the magazine M, (M³ being the magazine-lock, as described in my patent aforesaid,) as shown in Fig. 7, the operator then partially unbends the case, as illustrated in Fig. 6, and slides it sidewise off from the head, as also indicated in this figure, leaving the fasteners in the magazine as shown in Fig. 6 of my said Patent No. 311,033.

The material of which I propose to manufacture these packing-cases is thin tin-plate or sheet-zinc, but any other material adapted for the purpose may be used instead.

It should be understood that lip *a* may be formed on any part of the end of the case, provided it can be bent down over the end of the case to hold the fasteners therein; also, that wing W, while very useful in itself, is not essential to the utility of this packing-case, and may be dispensed with, if desired.

Having thus described my invention, I claim—

1. The improved button-fastener packing-case herein described, comprising a top portion, T, a clasp, *d*, formed to close over one

end of the fastener-head, and hook S^2 , formed to close against but not over said head, substantially as described.

5 2. The improved button-fastener packing-case herein described, comprising the top portion, T, clasp d , and hook S^2 , formed as specified, and lips a , extending from the end of the case and adapted to be turned up over the end of said case, substantially as described.

3. The improved button-fastener packing- 10 case herein described, comprising the top portion, T, clasp d , and hook S^2 , both formed as specified, and wing W extending from said wing S^2 , substantially as described.

FRANCIS H. RICHARDS.

Witnesses:

D. W. DODSON,

R. L. PECK.