

(No Model.)

F. H. RICHARDS.

PACKING CASE FOR BUTTON FASTENERS.

No. 354,234.

Patented Dec. 14, 1886.

Fig. 1

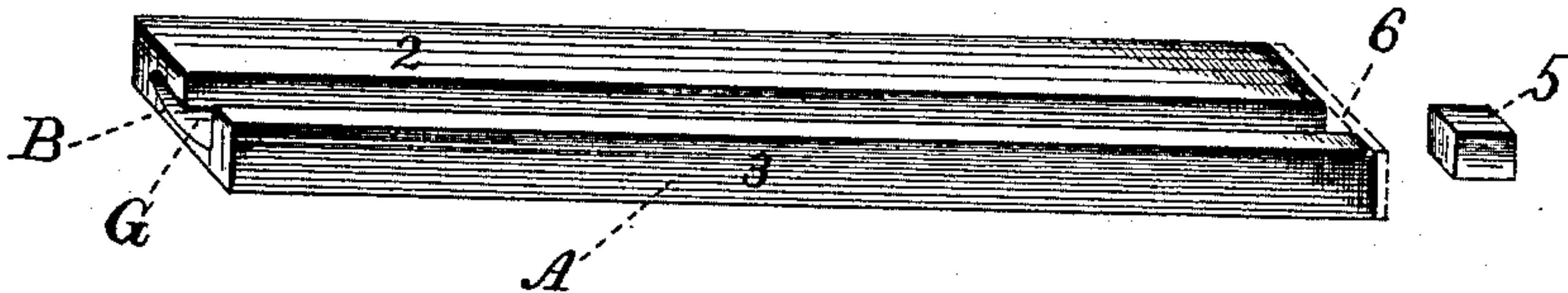


Fig. 2

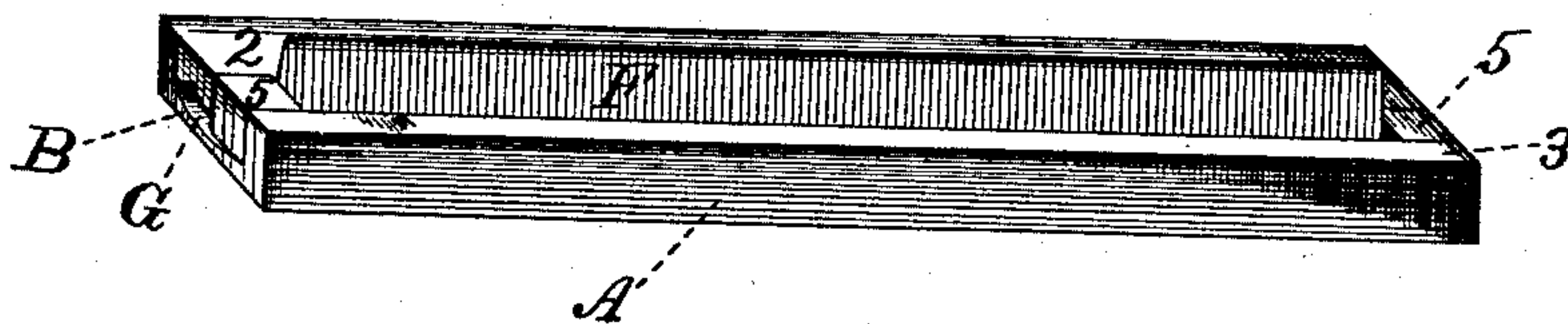


Fig. 3

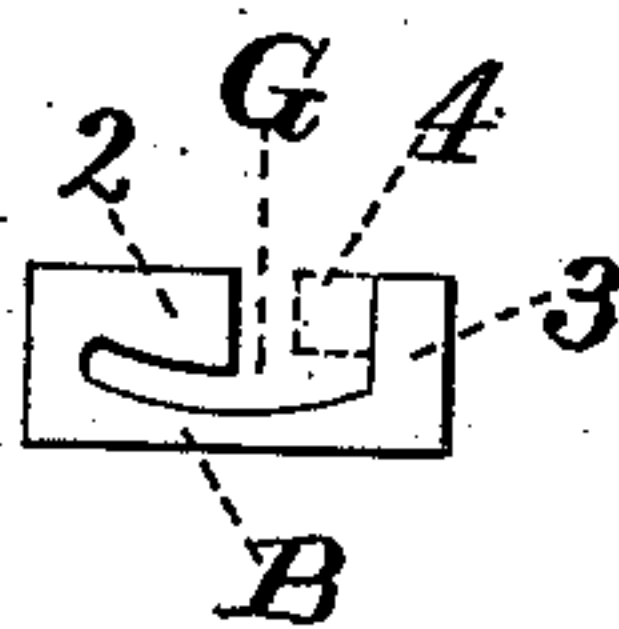


Fig. 4

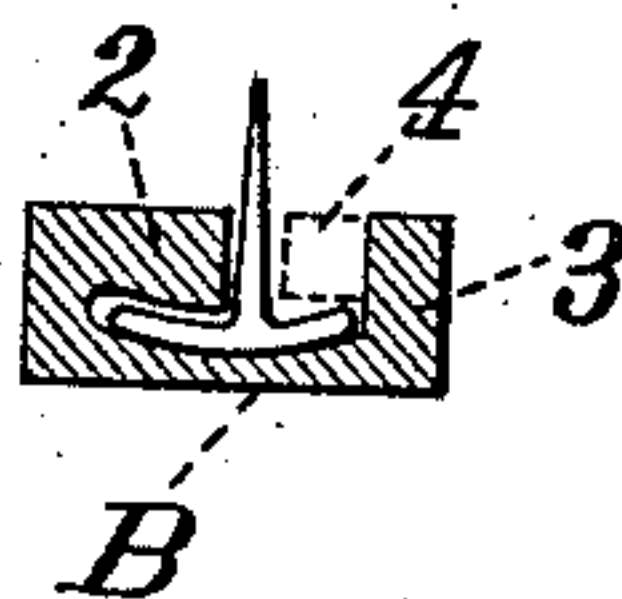


Fig. 5

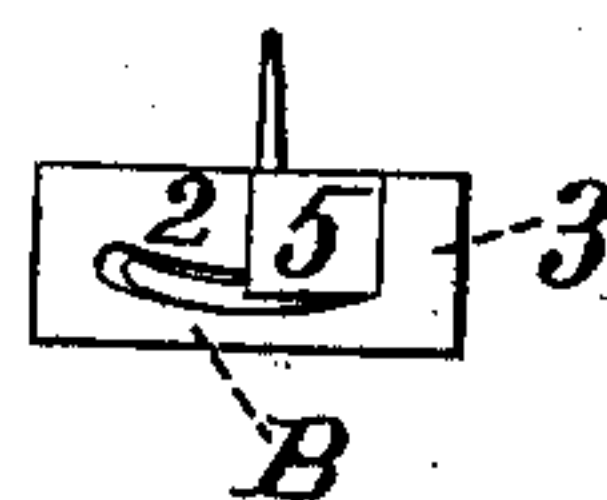


Fig. 6

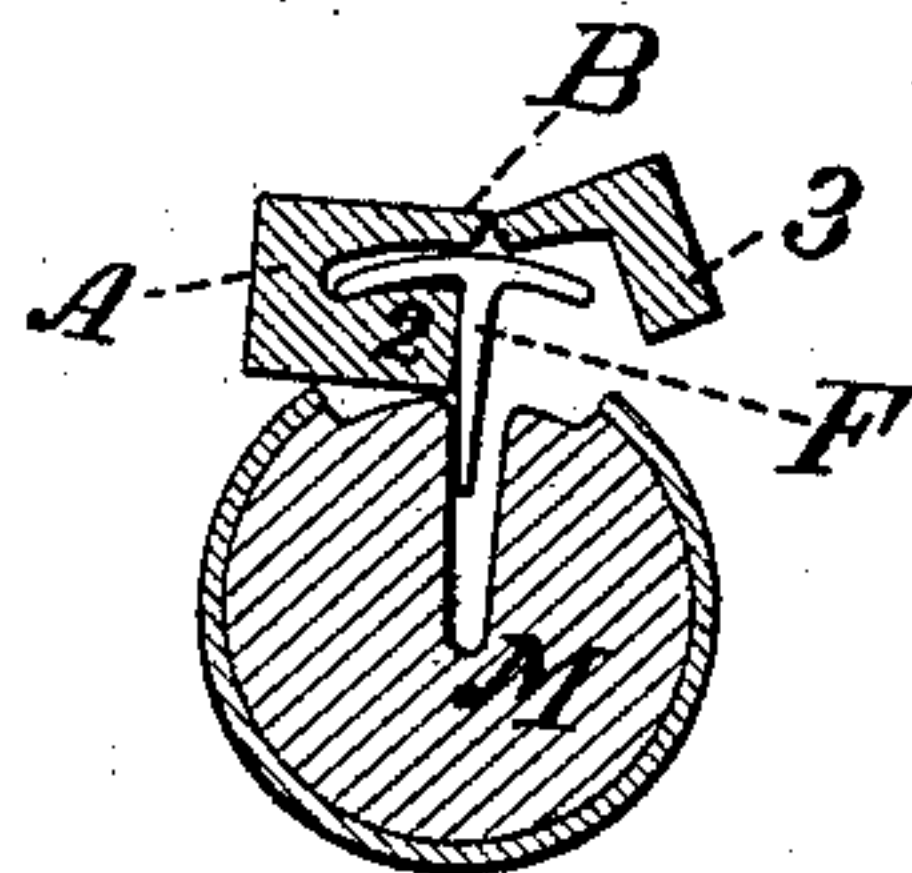


Fig. 7



Witnesses:

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UNITED STATES PATENT OFFICE.

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PACKING-CASE FOR BUTTON-FASTENERS.

SPECIFICATION forming part of Letters Patent No. 354,234, dated December 14, 1886.

Application filed July 2, 1885. Serial No 170,451. (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, in the 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, 5
10 This invention relates to cases to be used for packing the button-fasteners (and others similar thereto) which are shown in United States Patent No. 314,684, dated March 31, 1885, the object being to provide a case for holding such fasteners in a row, and from which they may be conveniently discharged into the magazine of a button-setting machine. To this end the invention consists in the improvements herein- 15
20 In the drawings, Figure 1 is a perspective view of an unfilled packing-case embodying my improvements. Fig. 2 is a similar view of the same case filled with fasteners such as described. Fig. 3 is an end view of the unfilled case without its end stops. Fig. 4 is a cross-sectional view of the filled case. Fig. 5 25
30 is an end view of the filled case with an end stop in place. Fig. 6 illustrates the manner of discharging the fasteners from the case into the magazine of a button-setting machine. Fig. 7 shows two views of the above-mentioned patented button fastener, for the packing of which my improved case is more especially adapted.
35 Similar characters designate like parts in all the figures.

In the drawings, the body of the packing-case is shown as being a plain flat piece of wood, earthenware, or other fragile material, 40
A, Figs. 1 and 2, having a groove, G, adapted to receive a row of the fasteners F. The groove is so shaped as to receive the heads of the fasteners, as shown best in Figs. 4 to 6,

which heads are held in place by rib 2, projecting over them, and rib 3 against the opposite 45
end of the heads.

If desired, rib 3 may have a lateral rib, 4, as shown by dotted lines in Figs. 3 and 4, to more securely hold the fasteners. The use of this second top rib, 4, renders it unnecessary to 50
have the case fit the fasteners so closely as would otherwise be required. Suitable end stops are provided to hold the fasteners from sliding out of groove G. These stops may be insertible plugs held in place by friction or 55
otherwise, as at 5, Figs. 2 and 5, or a covering-strip suitably attached to the case over the ends of groove G, as at 6, Fig. 1. When plugs are used, these may be made of wood or cork, and when the strip 6 is employed it may 60
be of paper and cemented to the end of the case; or, if this case is of wood, it may be held thereto by tacks.

The back of the case B is made weaker or more breakable than the several ribs, so that 65
when the fastener prongs are inserted into the magazine M, Fig. 6, of a button-setting machine the said back may be readily broken by the fingers of the setting-machine operator, as at B in this figure, and the fragments of the 70
case withdrawn, allowing the fasteners to fall into place ready for use.

Having thus described my invention, I claim—

The improved button-fastener packing-case 75
herein described, it comprising the body A, grooved, substantially as shown, and provided with inserted end stops, substantially as described, said body being made of earthenware or like fragile material, substantially as 80
set forth.

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Witnesses:

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