

(No Model.)

C. H. MORGAN.

PACKING BOX.

No. 300,721.

Patented June 17, 1884.

Fig. 1.

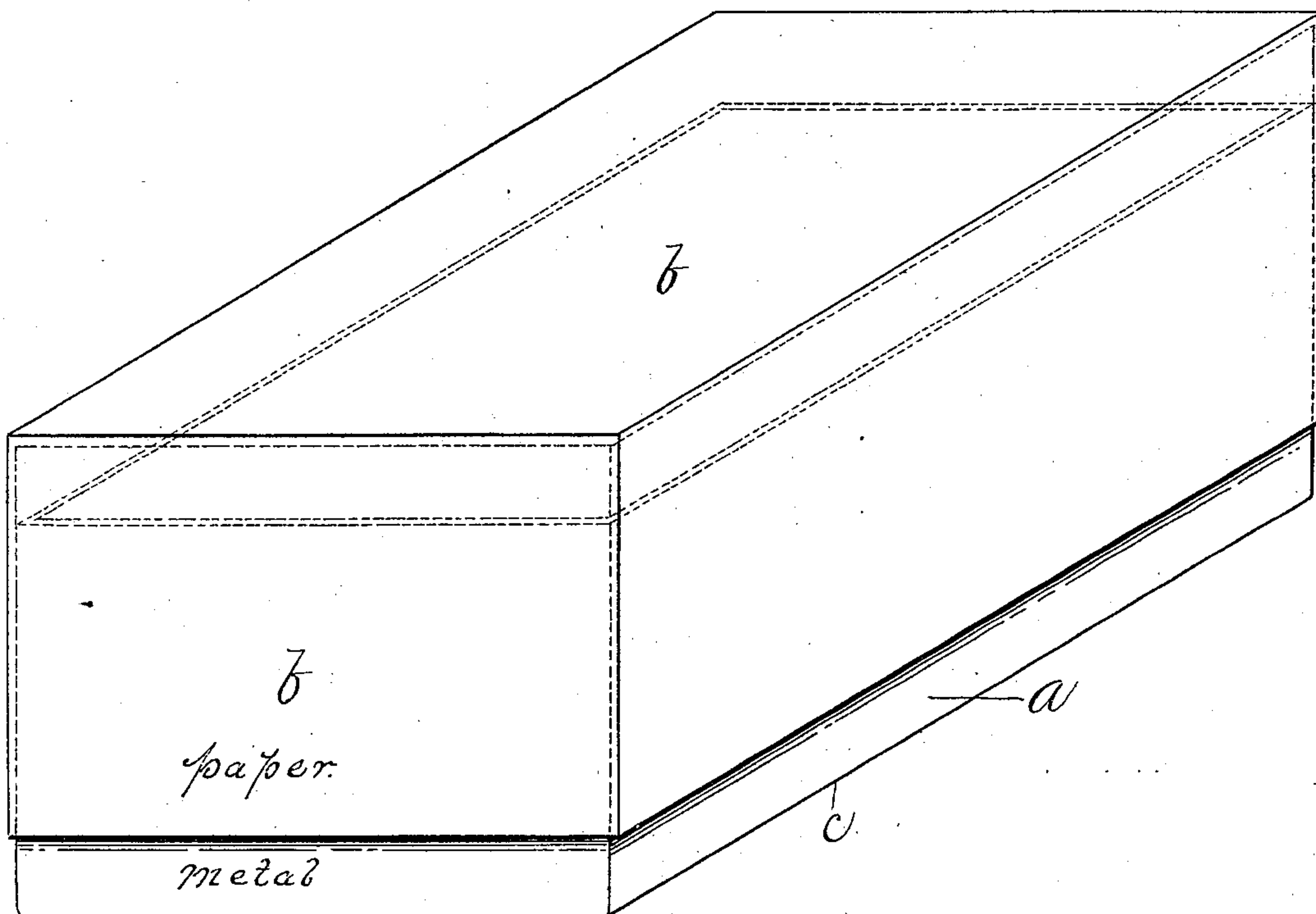
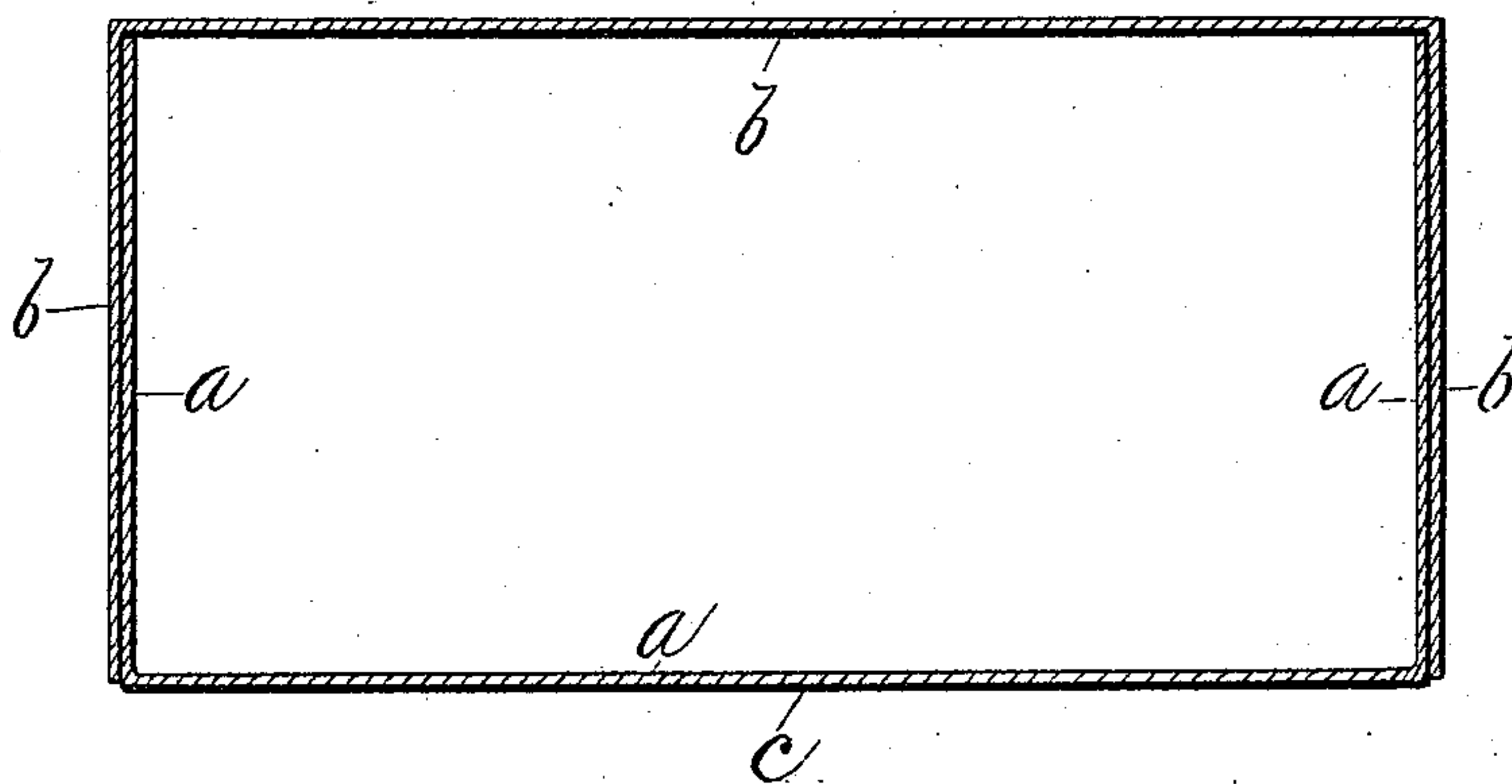


Fig. 2.



Witnesses;

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UNITED STATES PATENT OFFICE.

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PACKING-BOX.

SPECIFICATION forming part of Letters Patent No. 300,721, dated June 17, 1884.

Application filed February 16, 1884. (No model.)

To all whom it may concern:

Be it known that I, CHARLES H. MORGAN, of Worcester, in the county of Worcester and State of Massachusetts, have invented certain
5 new and useful Improvements in Packing-Boxes; and I do hereby declare that the following is a full, clear, and exact description of the same, reference being had to the accompanying drawings, forming a part of this specification, and in which—

10 Figure 1 represents a perspective view of a packing-box embracing my improvements, hereinafter described, the cover of said box being in this instance shown partially removed, and Fig. 2 represents a vertical transverse or cross section through the box shown in Fig. 1, with the cover in its proper position over the same.

The invention has for its object to produce
20 a packing-box for holding small articles of hardware, which box shall combine in itself the good qualities of sheet metal and pasteboard at a slight advance in cost above that of pasteboard. Boxes of pasteboard are better fitted for packing-boxes because they
25 are less liable to injure or be injured by other boxes or articles that may be placed on the same shelf or be otherwise brought in contact with them; because they are more
30 conveniently handled, not being liable to cut or rasp the skin of the handler; and, further, because they are better fitted to receive labels and are neater in appearance. They are also cheaper. Such boxes are, however, from
35 lack of strength, unsuited for packing hardware, except in the case of very light articles put up in small quantities, such as screw-eyes, picture-hooks, and the like. If used for the heavier class of small hardware,
40 each article of which weighs upward of half a pound—such, for example, as the spools containing fifty yards of wire, now a common article of trade—the pressure within would spread the sides and break out the
45 corners of the box. On the other hand, sheet-metal boxes, although strong enough, are objectionable because likely to inflict injury upon the person handling the same, or upon other articles with which they may
50 come in contact, and for other reasons suffi-

ciently evident from what has been said above. In the present invention the difficulties are overcome by using a sheet-metal body which is adapted to resist the weight of the contained articles, and providing it
55 with a pasteboard cover of such size and shape as to inclose the said body, and form, as it were, a jacket of pasteboard. The bottom of the box need not be covered, since it is not visible when the box is set upon a
60 shelf, and the protection which the pasteboard cover affords to the sides and corners is sufficient for practical purposes. The metal box is or may be made of sheet-iron of a thickness depending upon the use to which the
65 box is to be put. In order that said body may be able to withstand the weight of the articles packed therein, the sides, ends, and bottom should be seamed or firmly united at the edges. This may be done in any ordi-
70 nary or suitable way. The pasteboard cover is thus relieved of the duty of supporting the weight of the articles, this being wholly performed by the metal body. The pasteboard cover is made in any ordinary way, the paste-
75 board being of a thickness suited to the uses to which the material is to be put.

In the accompanying drawings, *a* is the sheet-metal body, and *b* the cover, having deep sides and ends, so as to form an enve-
80 lope or jacket around the sides and ends of the metal body, (see Fig. 2,) leaving only the bottom *c* exposed. When the box is handled, the hands grasp the pasteboard, which yields a little and is pressed against the sides of the
85 metal body. Even when the fingers are inserted under the bottom the cover protects them from rubbing against the edge.

Should the box strike against or be struck by other articles, the cover acts the part of a
90 buffer or protecting-jacket, and prevents either from injuring the other.

The labels are attached to the pasteboard cover.

Having thus described the said invention, 95 what I claim is—

The herein-described packing-box for hardware, comprising the sheet-metal body, with the ends, sides, and bottom firmly united, so as to resist the pressure of heavy articles 100

placed therein, and the pasteboard cover with deep sides and ends, forming an envelope or jacket around the sides and ends of said sheet-metal body from top to bottom, said box
5 having substantially the strength of a metal box, with the appearance and facility for receiving labels of a box of pasteboard, and possessing also less liability to inflict or re-

ceive injury than a metal box, the pasteboard cover acting the part of a buffer or protecting-jacket, as well as excluding the dust, as set forth.

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Witnesses:

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