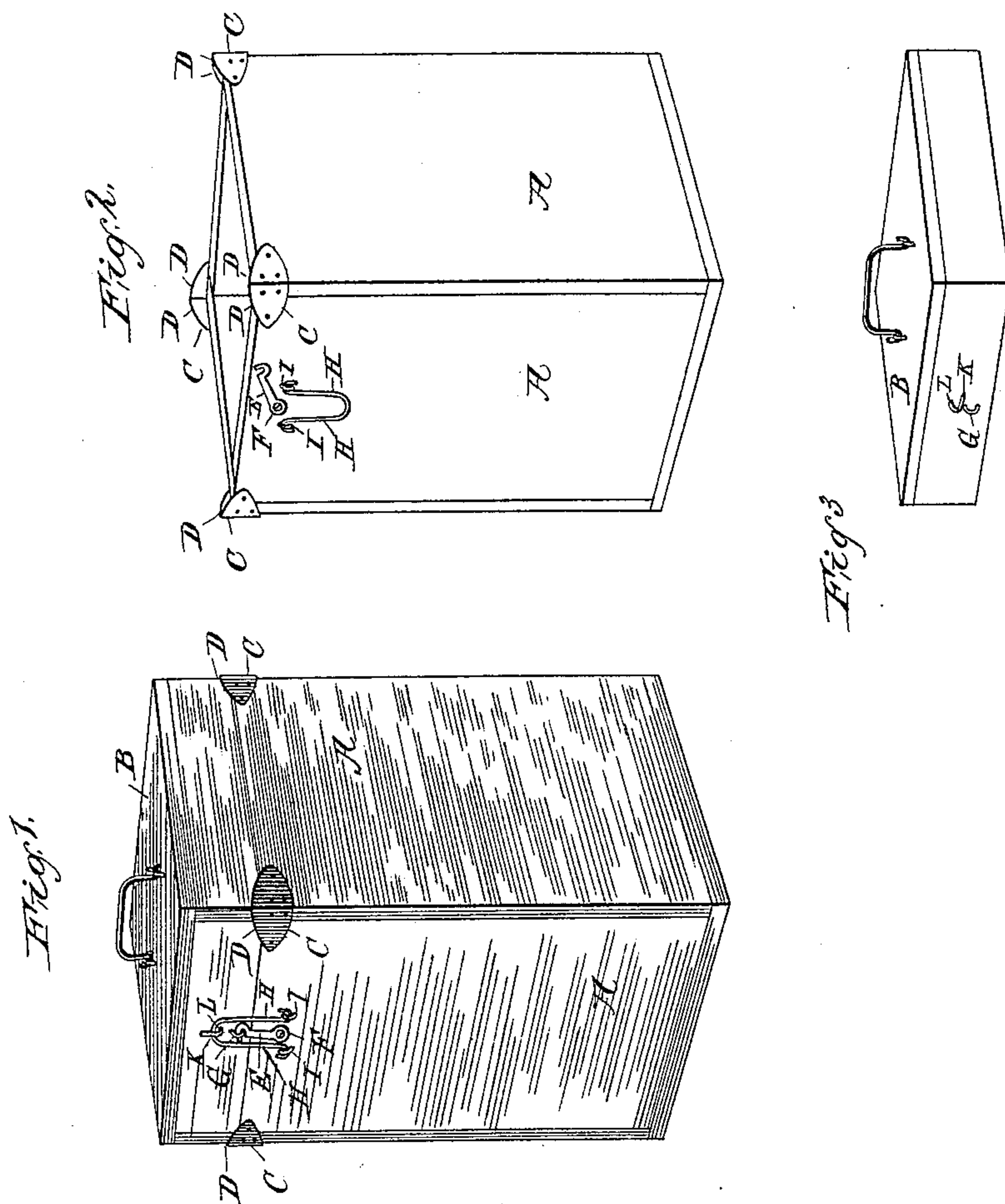


(No Model.)

G. W. BANKER.
PACKING CASE.

No. 403,503.

Patented May 21, 1889.



WITNESSES:

Chas Benjamin
Morris Arkheim

INVENTOR,
George W Banker
BY *Phillips Abbott*
his ATTORNEY.

UNITED STATES PATENT OFFICE.

GEORGE W. BANKER, OF BROOKLYN, NEW YORK.

PACKING-CASE.

SPECIFICATION forming part of Letters Patent No. 403,503, dated May 21, 1889.

Application filed March 9, 1889. Serial No. 302,646. (No model.)

To all whom it may concern:

Be it known that I, GEORGE W. BANKER, a citizen of the United States, and a resident of Brooklyn, in the county of Kings and State of New York, have invented certain new and useful Improvements in Packing-Cases, of which the following is a specification.

My invention relates to new and useful improvements in packing-cases for cans, jars, and the like receptacles; and it consists in the means employed whereby the cover, which is entirely removable from the box, will be held firmly in place upon the box, being prevented from both vertical and lateral separation therefrom; and I also provide means whereby the devices which hold the cover against vertical separation are locked in their holding position and protected from derangement consequent upon shock with other adjacent bodies.

In the drawings the same reference-letters indicate the same parts in all the figures.

Figure 1 illustrates a perspective view of my improved case, the cover being on the case. Fig. 2 illustrates the case open, the cover being removed. Fig. 3 illustrates the cover.

A is the body of the case.

B is the cover. It is preferably of the recessed or hollow type.

C are metallic corner-pieces fastened to the case, inclosing each corner. Thus the corners are materially strengthened thereby. The corner-pieces may extend along the sides of the case as far as desired. The upper edges of the metallic corner-pieces are not flush with the upper edge of the sides of the case, but extend above them, as seen at D D, &c., thus forming pockets, as it were, for the reception of the corners of the cover; and, as will be readily understood, when the corners of the cover are in these pockets, the cover being in place on the box, it will be impossible to slide the cover laterally relative to the box, and also that the corners of the cover will be very materially protected and supported by the upwardly-projecting metal corner-pieces, which, although not fastened to the cover, nevertheless embrace and sustain

its corners. The cover, as shown, is completely removable from the body of the case, and it is held against vertical separation from the box by means of the hooks E, which are fastened to the box by the screws F, or equivalent means, and they engage within staples G or their equivalent on the covers. A hasp, H, which may be made of wire or equivalent material, is pivoted or hinged to the case at I I in any suitable manner, adjacent to each hook E, and when closed up they lie close to the hooks E and lock them in their closed position. The hasps are held in the position in which they lock the hooks by means of locking devices K upon the cover, consisting of a short piece of heavy wire, preferably threaded on the end which enters the cover, whereby it may be firmly screwed into the wood thereof. It is bent at substantially right angles, as at L, at a sufficient distance from the surface of the cover to allow the hasp to fit under it. Thus, when the hooks have been engaged with their staples and the hasps turned up and pressed against the side of the case, these locking devices may be turned upwardly over the hasps, and thus all the parts will be held firmly and locked in their proper positions. These devices may all be constructed in any preferred manner. I have found, however, that the threaded wire acts well for the hasp-locking device, the friction of the threads in the wood being suitable for the purpose of holding them when adjusted and yet allowing movement upon suitable pressure when desired.

It is obvious that the relative positions of the hook, staple, hasp-locking device, &c., may be changed, if desired—that is to say, they may be attached to the cover and engage with the coacting parts on the case; also, that the corner-bracing pieces may be fastened to the cover instead of to the case. I prefer them fastened to the case, however.

From the foregoing and from the drawings it will be seen that by my invention the cover is firmly held and locked in position on the box or case against separating strains in all directions.

Having described my invention, I claim—

The combination, in a packing-case, of a removable cover, corner-bracing pieces fastened to the case and extending above its upper edge, hooks E, staples G, hasps H, resting
5 close to the hooks when both are in closed position, and locking devices K for the hasps, substantially as set forth.

Signed at New York, in the county of New York and State of New York, this 7th day of March, A. D. 1889.

GEO. W. BANKER.

Witnesses:

PHILLIPS ABBOTT,
MORRIS ARNHEIM.