

No. 787,702.

PATENTED APR. 18, 1905.

C. L. SHELTON.
FILLER OR PACKING DEVICE.
APPLICATION FILED JUNE 16, 1904.

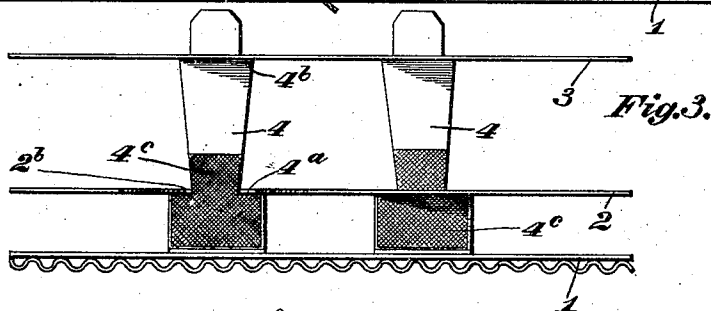
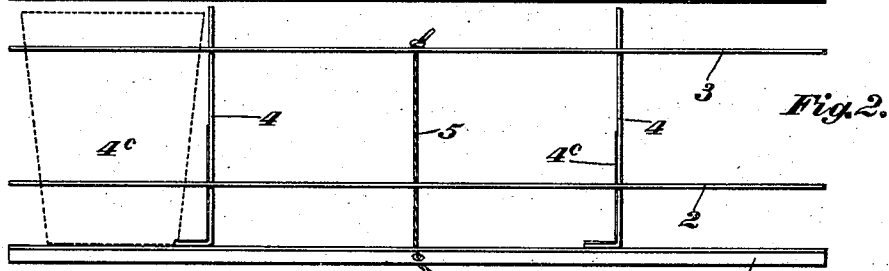
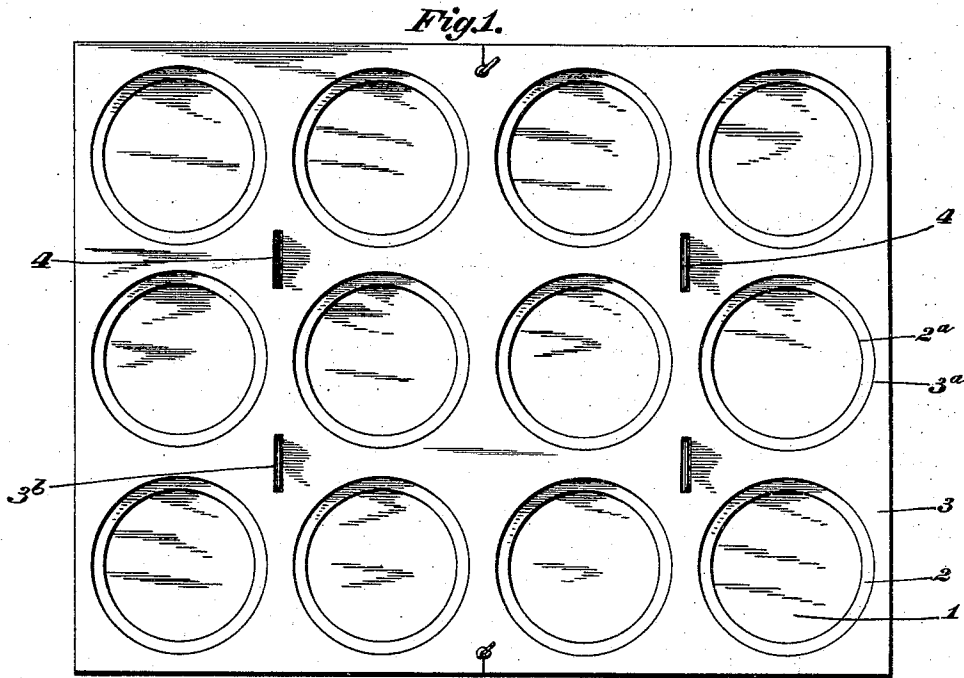
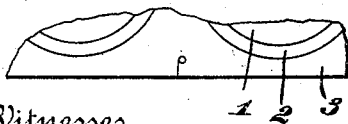
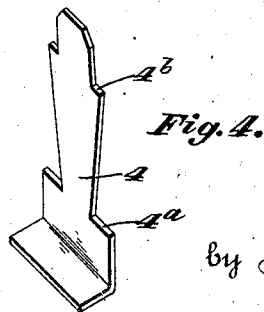


Fig. 5.



Witnesses
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UNITED STATES PATENT OFFICE.

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FILLER OR PACKING DEVICE.

SPECIFICATION forming part of Letters Patent No. 787,702, dated April 18, 1905.

Application filed June 16, 1904. Serial No. 212,919.

To all whom it may concern:

Be it known that I, CHARLES L. SHELTON, a citizen of the United States, residing at Columbus, in the county of Franklin and State of Ohio, have invented certain new and useful Improvements in Fillers or Packing Devices; 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.

The object of this invention is to provide an improved construction of what is known as a "filler" or packing device or frame for articles of frangible material—as, for example, glass tumblers.

The invention is embodied in the construction hereinafter described and claimed.

In the accompanying drawings, Figure 1 is a top plan view of a filler adapted for packing a dozen tumblers. Fig. 2 is an elevational view of the longer edge of what is shown in Fig. 1. Fig. 3 is a similar view of the shorter edge. Fig. 4 is a perspective view of one of the posts for supporting the folding sections or boards of the filler. Fig. 5 is a detail showing how the edge of the upper section is slit and eyed to add the flexible stay-cord.

The base 1 of the structure is preferably made of plain and corrugated pasteboard glued together.

2 and 3 designate the frame or folding cards or boards that are hinged or supported on the base 1, so as to be folded down flat on the base, as hereinafter described. The folding boards are provided with openings 2^a and 3^a, respectively, into which the articles to be packed fit nicely, as indicated by dotted lines, Fig. 2.

4 designates the posts for supporting the folding boards. These posts are also made of cardboard and are cut with shoulders 4^a and 4^b in their opposite edges. The shoulders 4^a have the greater lateral extension, so that the slots 2^b in the board 2 can pass the shoulders 4^b and the board 2 still find a support on the shoulders 4^a. The slots 3^b in the card 3 are of course to be made so as not to pass the shoulders 4^b. The post 4 where it is bent and glued to the base 1 is preferably reinforced with a piece of woven fabric 4^c.

5 designates a cord, one at the middle of each side of the structure, connecting the base

and the upper folding board 3. These cords are made of such length as to secure the upper board in proper position on the posts and permit the structure to be lifted and at the same time opened by taking with the fingers the upper card at the middle of its sides. An expeditious way to add the cords 5 is to slit and perforate with a proper die the opposite edges of the upper board, as indicated in Fig. 5. The cords can be preliminarily knotted in proper uniform lengths, after which they can be readily and rapidly inserted in the places provided for them. The particular way of slitting and eying the edges of the board 3 as shown in my drawings makes a more secure attachment of the cords.

It will be observed that the filler thus described is economically constructed, can be folded compactly for shipment in large quantities, is easily manipulated, and can be repeatedly used.

What I claim, and desire to secure by Letters Patent, is—

1. A folding packing-frame or filler comprising in combination a base portion, posts shouldered in different horizontal planes hinged to said base, and filler-boards slotted and supported at the slots on said shoulders.

2. A folding packing-frame or filler comprising in combination a base portion, shouldered posts hinged thereto, and filler-boards supported on said posts.

3. A folding packing-frame or filler comprising in combination a base portion, posts shouldered in different horizontal planes hinged to said base, the shoulders on the lower portions of said posts having the greater lateral extension, and filler-boards slotted and supported at the slots on said shoulders.

4. A folding packing-frame or filler comprising a base portion, shouldered posts hinged to said base, and a filler-board supported on said posts, combined with flexible cords connecting the base and filler-board and tending to retain the filler-board on the posts.

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

CHARLES L. SHELTON.

Witnesses:

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