

No. 736,955.

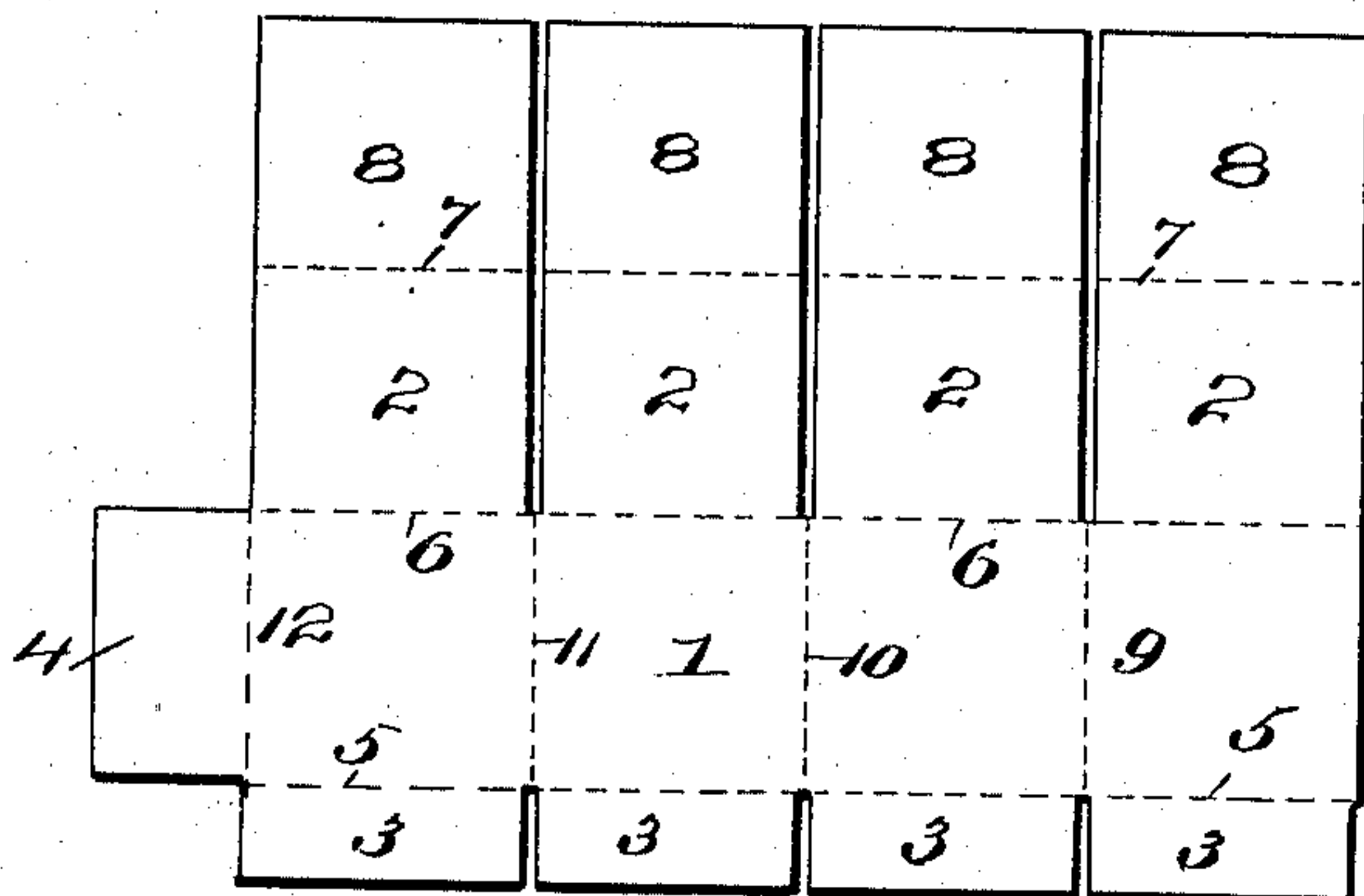
PATENTED AUG. 25, 1903.

J. H. GARMAN.  
FOLDING BOX.

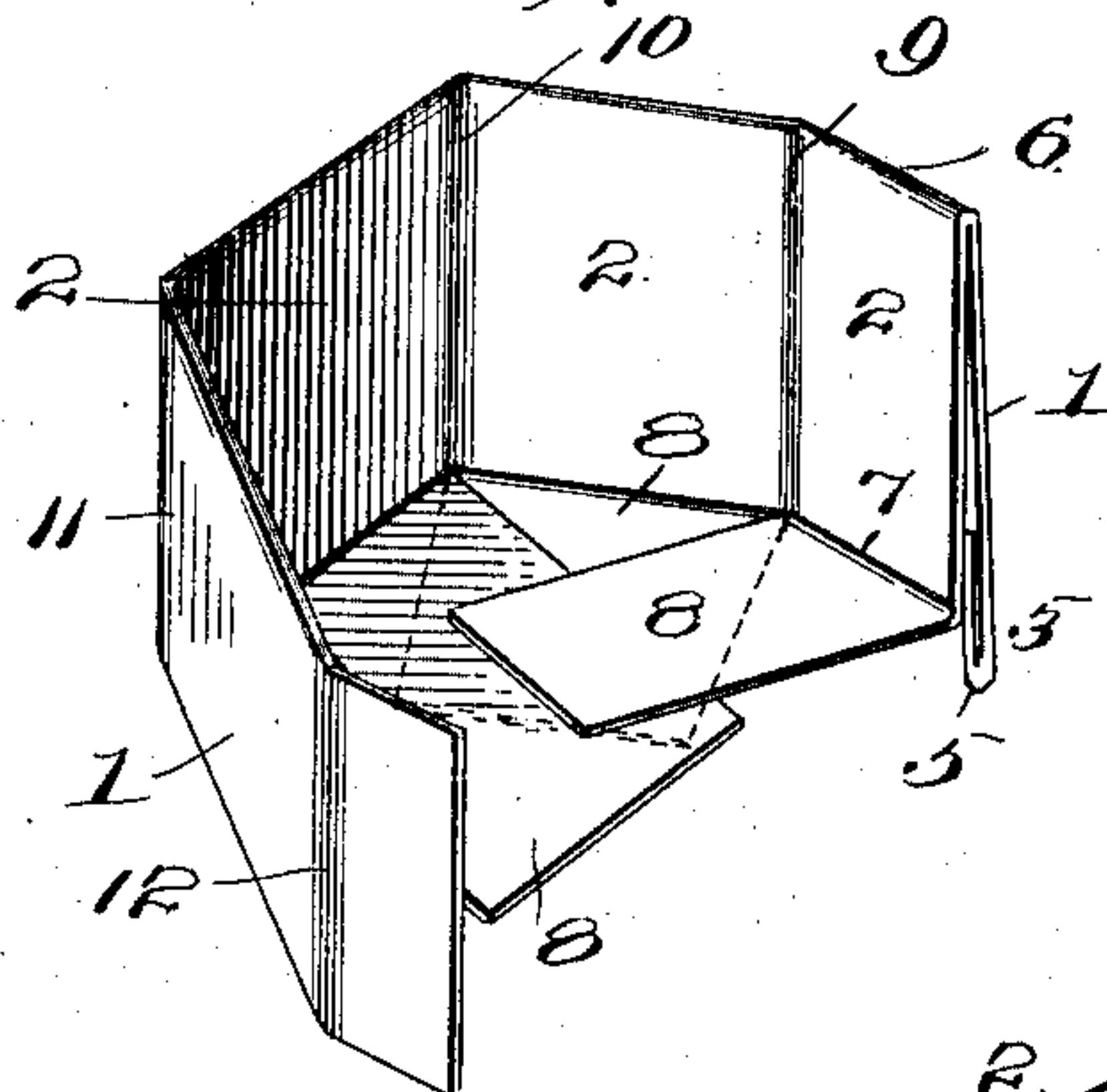
APPLICATION FILED MAY 26, 1903.

NO MODEL.

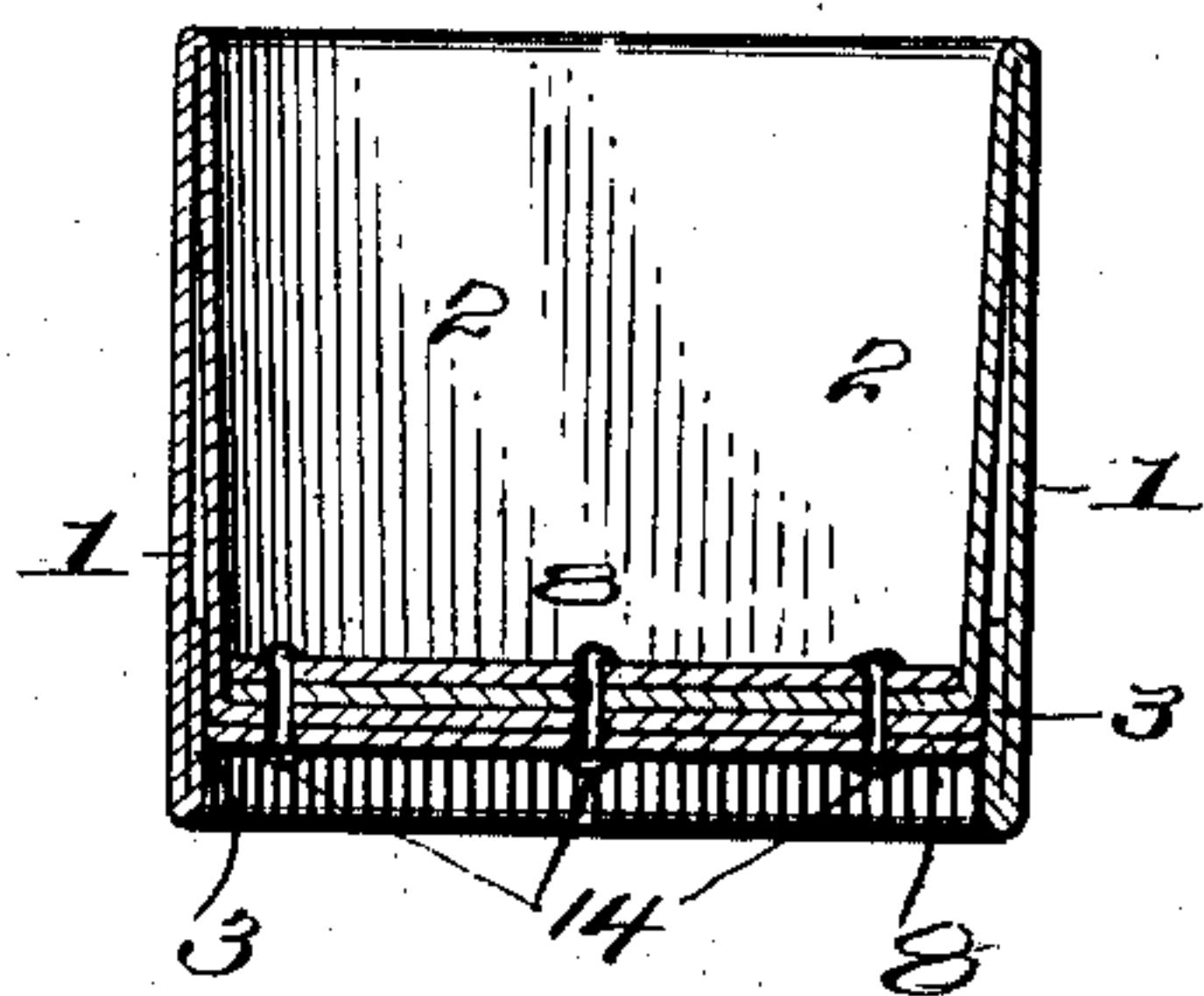
*Fig. 1.*



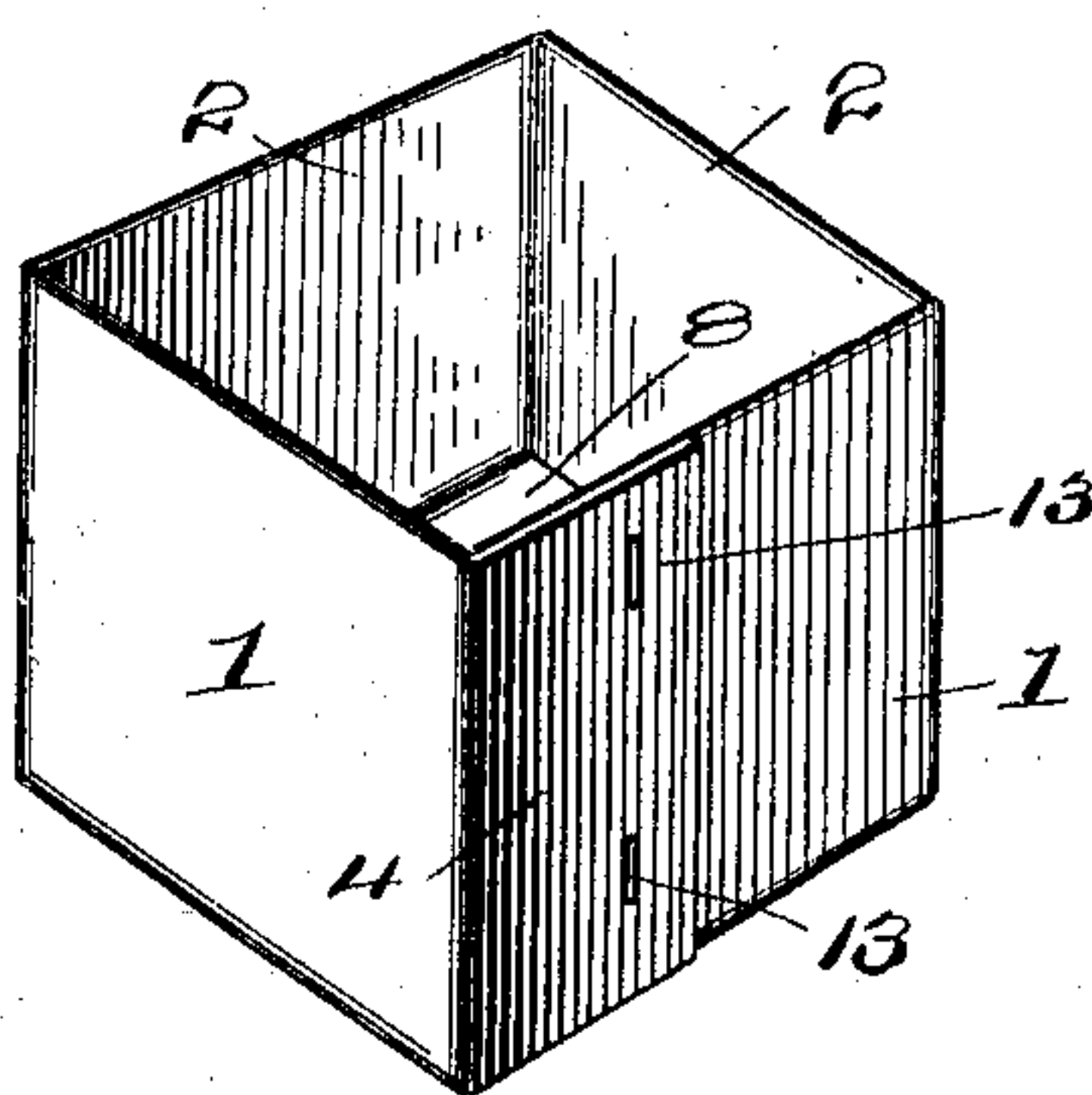
*Fig. 2.*



*Fig. 3.*



*Fig. 4.*



Witnesses

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## UNITED STATES PATENT OFFICE.

JOHN H. GARMAN, OF BRISTOL, INDIANA.

## FOLDING BOX.

SPECIFICATION forming part of Letters Patent No. 736,955, dated August 25, 1903.

Application filed May 26, 1903. Serial No. 158,887. (No model.)

*To all whom it may concern:*

Be it known that I, JOHN H. GARMAN, a citizen of the United States, residing at Bristol, in the county of Elkhart and State of Indiana, have invented certain new and useful Improvements in Folding Boxes; 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.

My invention relates to box construction of that class wherein paper, thin wood, or other frail and pliable material is used; and my object is to produce a box designed principally to hold fruit, such as strawberries or the like, by so forming the blank that when it is properly folded and assembled a very strong, durable, and inexpensive box will be produced and one that may be used repeatedly.

Other objects and advantages will be hereinafter fully specified, reference being had to the accompanying drawings, which are made a part of this application, and in which—

Figure 1 is a plan view of the blank form cut ready to be folded together. Fig. 2 is a perspective view thereof, partly assembled. Fig. 3 is a central vertical sectional view of the box assembled. Fig. 4 is a perspective view of the box complete.

In order to conveniently refer to all of the parts of my invention, numerals will be employed, the same numeral referring to a corresponding part throughout the several views, referring to which, 1 indicates the body portion of the blank, said body portion being provided with elongated strips 2 upon one edge thereof and short strips 3 upon its opposite edge. The body portion 1 is also provided with an anchoring tongue or strip 4 at one of its ends, by which means the walls are secured together when in their assembled positions.

In forming the blank shown in Fig. 1 into a box the strips 3 are bent up parallel with the body portion 1, the bend being made at the dotted line 5. Then the strips 2 are bent at the dotted line 6, thus bringing said strips parallel with the body portion 1, the ends of said strips then being bent inwardly at right angles to the strips 2 on the line 7, forming

the bottom sections 8. The body portion 1 is then bent at the points 9, 10, and 11, thus forming the box proper.

In assembling the walls of the box the bottom sections 8 interlap each other, and as each section is sufficiently large to fill the space between the side wall the bottom proper of the box is given fourfold strength. After the side and bottom sections are properly assembled the anchoring-tongue 4 is bent at the line 12 until it intersects the adjacent wall, when it is secured to said wall by means of staples 13 or otherwise. The bottom sections 8 are also secured together in any preferred way, as by rivets 14. When the parts are assembled, as in Fig. 3, the outside member or body portion 1 is slightly deeper than the inside member or strip 2, so that the lower edge thereof extends beyond the bottom proper, forming a flange or base-section entirely around the box, thus protecting said bottom from direct contact with the floor or whatever it may be resting upon.

It will now be seen that in addition to producing a cheap box I have also produced a very strong and durable device and one that may be repeatedly used.

While I have described the preferred combination and construction of parts deemed necessary in materializing my invention, I wish to comprehend all substantial equivalents and substitutes which may be considered as fairly falling within the scope of my invention.

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

1. In a box construction, a new article of manufacture comprising the blank having a body portion 1, said body portion being provided upon each of its edges with extensions 2 and 3, said extensions 3 being adapted to fold up alongside of the body portion 1, and the extensions 2 being adapted to fold down upon the body portion 1 and the interposed ends of the extensions 3, sections 8 formed integral with said extensions 2 and designed to be bent at right angles thereto when said extensions are folded down upon the body portion 1, said sections 8 overlapping with each other, each section being of sufficient size to cover the bottom area of the box, a section 4 formed integral with one end of said



body portion, means to secure said section to one of the side walls when said parts are folded together, and additional means for securing the sections 8 together, substantially as specified and for the purpose set forth.

2. In a box construction, a new article of manufacture comprising a blank having the body portion 1, a plurality of extensions 2 and 3 formed integral with said body portion 1 along its edges, said extensions being separated from each other by cutting away portions of their approximate edges, the extensions 3, when properly folded, reinforcing the lower edge of the body portion 1 and forming the base or supporting edge of the box while the extensions 2, when properly folded, form the inner walls of the box; sections 8 formed integral with the extensions 2 and bent at

right angles thereto, said sections being adapted to overlap and rest one upon the other to form the bottom of the box, a section 4 formed integral with one end of said body portion and adapted to be secured to the opposite end of said body portion whereby, when said blank is properly folded and said extension 4 secured to the opposite end of said body portion, said parts will be securely held together and form a box, substantially as specified and for the purpose set forth.

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

JOHN H. GARMAN.

Witnesses:

H. W. KAUTZ,  
B. W. CORTER.