

(No Model.)

J. GLASS.
BOTTLE CASE.

No. 442,971.

Patented Dec. 16, 1890.

Fig. 1.

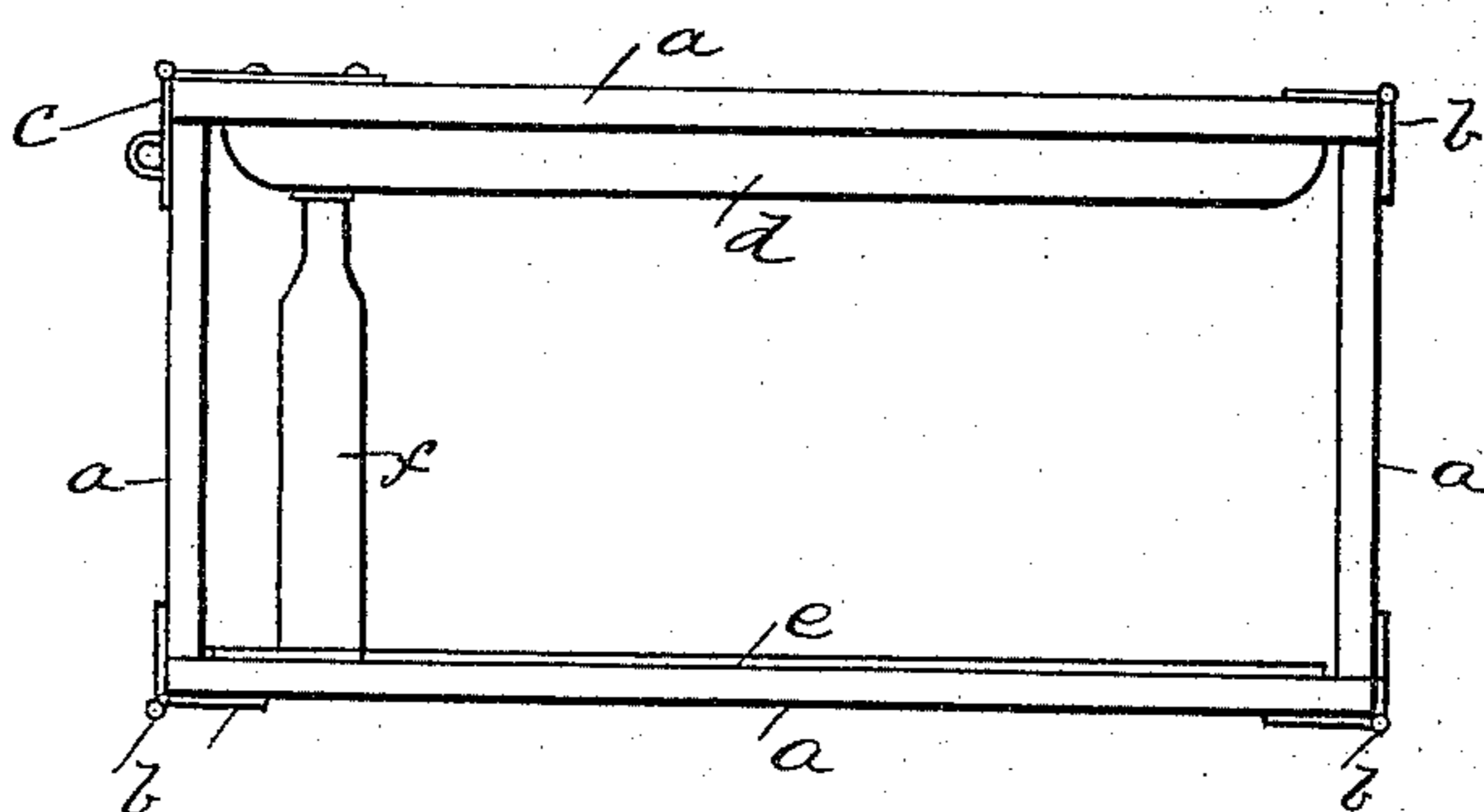


Fig. 2.

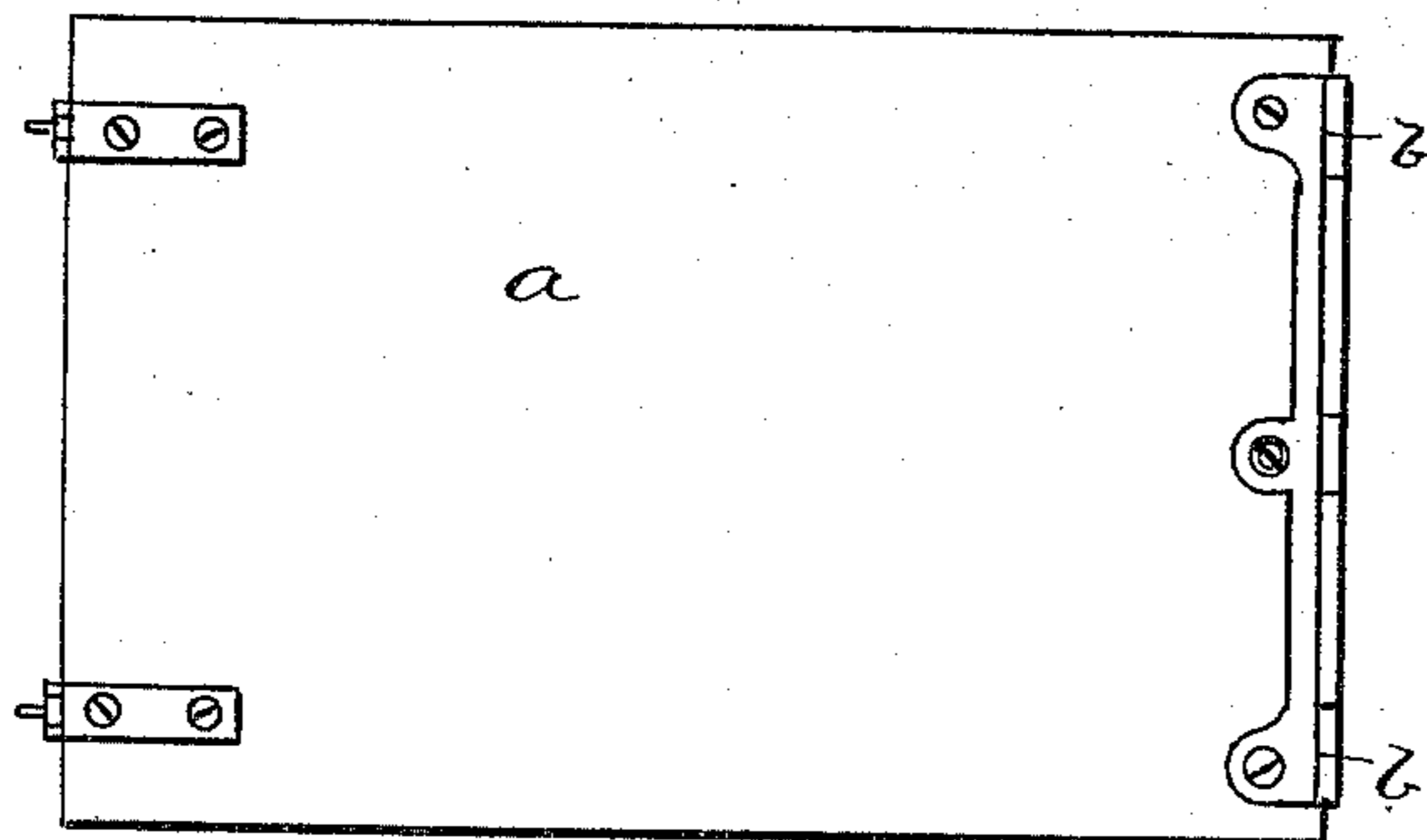
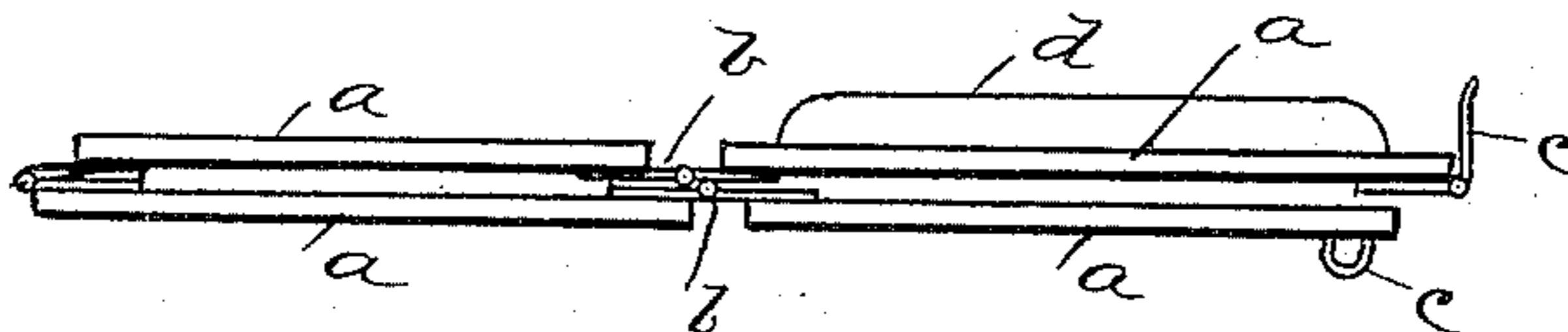


Fig. 3.



WITNESSES:

H. O. Harrison.
J. A. Herrou.

Rev.

Inventor.
James Glass
O. D. Lewis

Art. 16

UNITED STATES PATENT OFFICE.

JAMES GLASS, OF NEW CASTLE, PENNSYLVANIA.

BOTTLE-CASE.

SPECIFICATION forming part of Letters Patent No. 442,971, dated December 16, 1890.

Application filed September 3, 1890. Serial No. 363,849. (No model.)

To all whom it may concern:

Be it known that I, JAMES GLASS, a citizen of the United States, residing at New Castle, in the county of Lawrence and State of Pennsylvania, have invented certain new and useful Improvements in Packing-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 pertains to make and use the same, reference being had to the accompanying drawings, which form a part of this specification.

My invention relates to an improved packing-box for bottles; and it consists in certain details of construction and combination of parts, as will be fully described hereinafter.

In the accompanying drawings, Figure 1 is a side elevation of my improved box which is constructed in accordance with my invention. Fig. 2 is a plan view of the same. Fig. 3 is a side elevation of the box folded, when empty, to occupy but little space.

To put my invention into practice, I provide four oblong pieces of board *a*, two of which form the sides and the others the top and bottom of the box. These pieces *a* I hinge together by means of suitable hinges *b*, in a manner that will form an open-sided box and leave one of the ends open, which may be secured by means of hasps *c* of ordinary construction. These pieces *a* are so hinged to-

gether as to admit of the same being folded together, as shown at Fig. 3 on the drawings. Secured on the under side of the top piece *a* is a thick soft pad *d*, backed by spiral springs, (not shown,) and on the corresponding side of the base-piece *a* is a sheet of felt *e* or other soft material.

In operation the bottles *f* are arranged side by side in rows and the top *a* pressed down on the same, which will confine them rigidly in that position. After the box has been unpacked and emptied the same is folded and shipped back to its owner.

Having thus described my invention, I claim—

The herein-described packing-box for bottles, consisting of four pieces hinged together in such a manner that the same may be formed into an open-ended box or folded to occupy a small space, a spring-pad arranged on one inner face of the said box adapted to rest on the mouth of the bottle and hold the same in position, and a cushion secured on the inner face of the box opposite to the spring-pad, substantially as and for the purpose set forth.

In testimony that I claim the foregoing I hereunto affix my signature this 3d day of July, A. D. 1890.

JAMES GLASS. [L. S.]

In presence of—

CHARLES LARGE,
M. E. HARRISON.