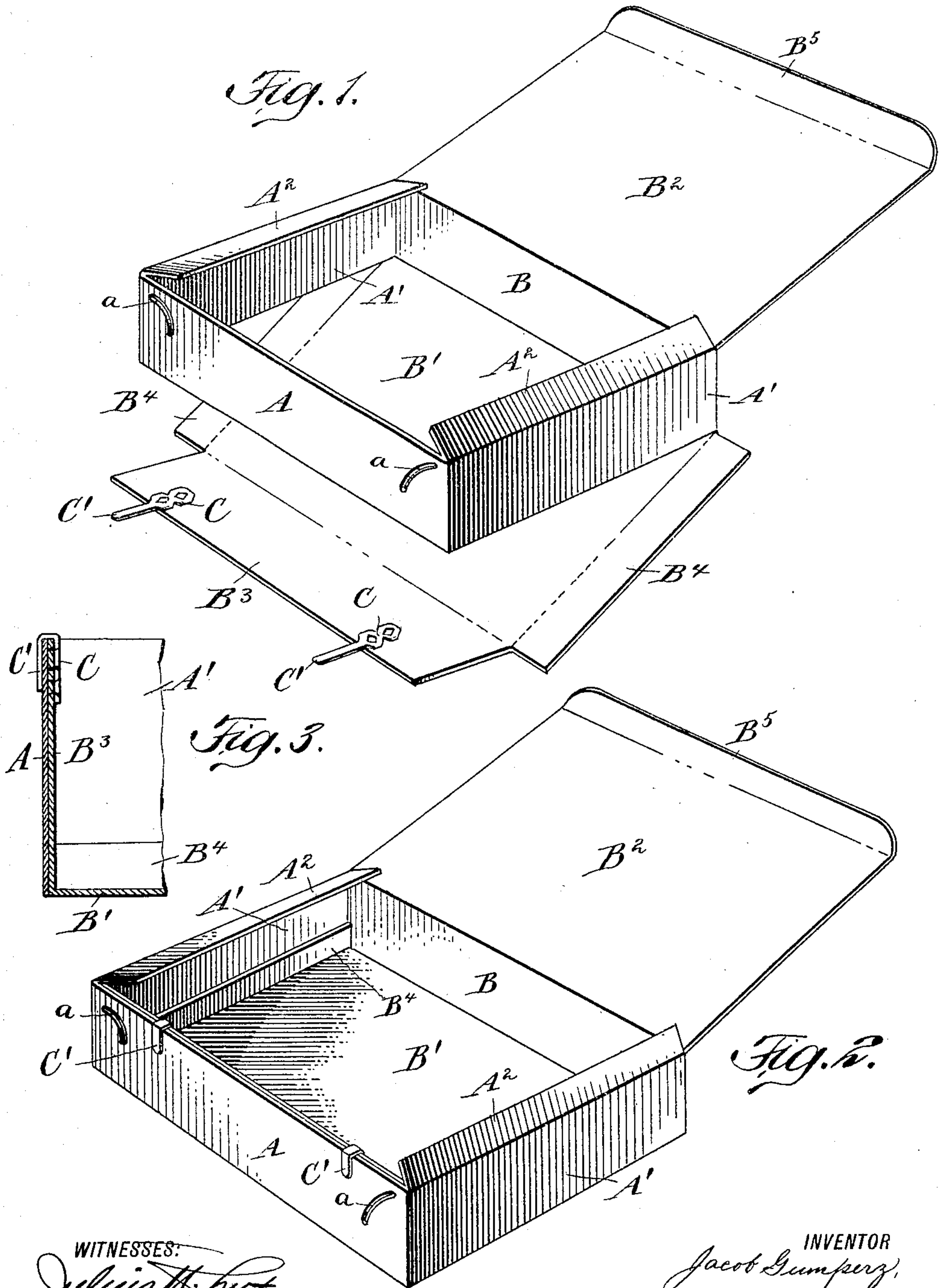


J. GUMPERZ.
FOLDING BOX.

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916,698.

Patented Mar. 30, 1909.



WITNESSES:
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JACOB GUMPERZ, OF NEW YORK, N. Y.

FOLDING BOX.

No. 916,698.

Specification of Letters Patent.

Patented March 30, 1909.

Application filed April 25, 1908. Serial No. 429,186.

To all whom it may concern:

Be it known that I, JACOB GUMPERZ, a citizen of the United States, residing in the city of New York, borough of Manhattan, in the county and State of New York, have invented a certain new and useful Improvement in Folding Boxes, of which the following is a specification.

The invention relates to folding or collapsed paper boxes, and more particularly to the means for holding such boxes in the open or distended condition for service.

The object of the invention is to provide a simple, easily manipulated fastening means, permanently attached to one portion of the box and adapted when the box is distended to engage another portion in such manner as to strongly and stiffly support the whole.

The invention consists in certain novel features and details of construction and arrangement by which the above object is attained, to be hereinafter described.

The accompanying drawings form a part of this specification and show the invention as it has been carried out in practice.

Figure 1 is a perspective view showing the box partially distended, and the fasteners as they appear before bending. Fig. 2 is a similar view of the fully distended box with the fasteners bent and engaged. Fig. 3 is a vertical section through a portion of the box, showing one of the fasteners in elevation.

Similar letters of reference indicate the same parts in all the figures.

The body of the box is composed of a front section A having end sections A¹ A¹ secured by any suitable means to a back section B formed in one with the bottom B¹ and cover B². The bottom has at its front edge a flap or wing B³ of the same height as the body section A, and also at each side edge a flap B⁴. On the inner face of the wing B³ near the outer edge are fasteners C preferably of pliable metal, having projecting tongues C¹ extending beyond the edge.

In setting-up or distending the box the side flaps B⁴ B⁴ and front wing B³ of the bottom are inserted within the body and pushed upwardly until the top edge of the wing B³ is flush with the upper edge of the body section

A. The tongues C¹ are then bent outwardly and downwardly to engage the body section A and the whole is thus held stiffly in position.

In the box as shown, the end sections A¹ A¹ are reinforced by inwardly projecting flaps A² A² and the cover has a flap or tuck B⁵ adapted to engage in slits *a a* produced in the front section A to hold the cover in the closed condition.

The fasteners C are permanently attached to the wing B³ and are therefore always in position for service, and when locked upon the front section serve not only to maintain the box in its rectangular form but also to join the bottom strongly to the body and insure the permanent engagement of these portions.

The number of fasteners employed will depend on the size of the box, the character of its material, and the service in which it is to be employed; two are shown and will usually be sufficient, but more may be used or one alone, centrally located, will serve with a box of small size. The forms and dimensions of the fasteners may be varied.

I claim:—

As an improved article of manufacture, a folding box comprising a front section, end sections, a back section, a bottom and cover integral therewith, said bottom having a front flap of the same height as the body section and an edge flap at each side, bendable metallic fasteners secured on the inner face of said front flap and having projecting tongues extending beyond the edge thereof, said fasteners being permanently attached to said flap and, when the box is set up, engageable over the front section and securing the latter and the front flap of the bottom firmly in position, the end sections formed with inwardly projecting reinforcing flaps, and a cover having a flap at its front edge.

In testimony that I claim the invention above set forth I affix my signature, in presence of two witnesses.

JACOB GUMPERZ.

Witnesses:

RUSSELL CROMBIE,
CHARLES R. SEARLE.