

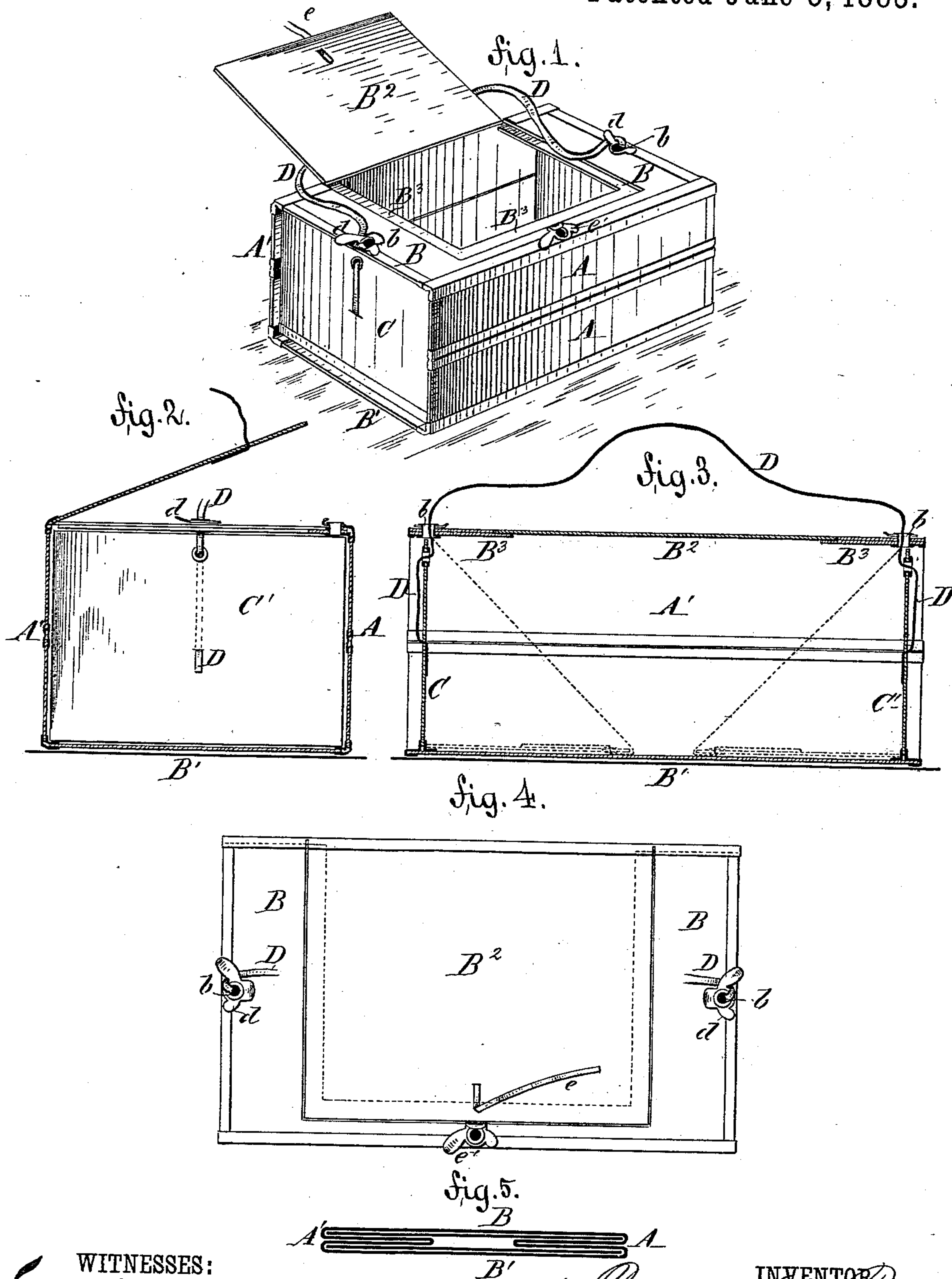
(No Model.)

R. VAN BAAR.

PAPER BOX.

No. 278,837.

Patented June 5, 1883.



WITNESSES:

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PAPER BOX.

SPECIFICATION forming part of Letters Patent No. 278,837, dated June 5, 1883.

Application filed April 30, 1883. (No model.)

To all whom it may concern:

Be it known that I, RUDOLPH VAN BAAR, of the city, county, and State of New York, have invented certain new and useful Improvements in Paper Boxes, of which the following is a specification.

This invention has reference to an improved folding paper box that is made of card-paper, pasteboard, or other suitable material, and so constructed that it can be readily folded in flat shape and instantly placed into shape for use whenever required; and the invention consists of a folding paper box, the body of which is made of side, top, and bottom walls which are hinged to the bottom, said end walls being connected by a binding-string that passes through holes of the top wall, and is applied to retaining devices on said wall for locking the end wall into position.

In the accompanying drawings, Figure 1 represents a perspective view of my improved paper box. Fig. 2 is a vertical transverse section; Fig. 3, a vertical longitudinal section. Fig. 4 is a plan of the box, and Fig. 5 a vertical transverse section of the box in folded state.

Similar letters of reference indicate corresponding parts.

Referring to the drawings, A A' represent the side walls, and B B', respectively, the top and bottom walls, of my improved paper box.

To the bottom B' are hinged the end walls, C C', all the walls being made of stout strawboard, that are connected by hinges made of muslin or other suitable material. The box may also be made of stiff card-paper, in which case the walls can be cut from one continuous piece. The end walls, C C', are thrown up into closed position by means of a cord or ribbon, D, which is attached to the end walls, and passed through openings b b of the top wall, B. From the cord or ribbon D the box is suspended, the end walls, C C', being held in closed position by the weight of the articles placed in the box. The box may be filled or emptied by opening one of the end walls.

For some purposes it is desirable to close the box in a more reliable manner, in which case a suitable locking device, d d, is rigidly secured around the openings b of the top. The locking device d is made of spring metal with

bent prongs, below which the cord or ribbon D may be readily slipped. This locking device may be of any suitable construction, as I do not limit myself to the construction shown. When the cord or ribbon D is slipped below the locking devices d d it is retained by the spring-pressure of prongs of the same in a reliable manner. The box may then be suspended from the cord or ribbon D, after the same has been applied to the locking devices d d; or the ribbon D may be tied crosswise around the box, as desired.

Larger sizes of boxes are preferably provided with a top lid, B², which is hinged at one side and locked by a ribbon or string, e, and fastening device e'. The lid rests on a seat, B³, of pasteboard, that projects beyond the edges of the opening in the top part, B, so as to prevent the dropping of the lid into the body of the box.

The walls A A' may be made of one piece, or of two or more longitudinally-divided pieces, which are connected by a hinge, so as to fold readily into flat shape, the folded side walls, A A', being then intermediately between the top and bottom walls, B B', as shown in Fig. 5.

The advantage of my improved box construction is that pasteboard boxes of large size—such as are used for millinery and other light but bulky articles—can be stored into a very small compass without taking up so much room as the stiff boxes heretofore in use. They can also be shipped in a folded state with greater convenience. When the boxes are required for use they are expanded into proper shape by pulling the connecting cord or ribbon of the end walls, which can be used for suspending the box therefrom, or for keeping the box closed by tying it around the body of the same, as may be desired.

Having thus described my invention, I claim as new and desire to secure by Letters Patent—

1. A folding paper box consisting of side, top, and bottom walls which are hinged together, of end walls hinged to the bottom, and of a cord or ribbon that connects the end walls, said cord or ribbon being passed through openings of the top wall, substantially as set forth.

2. A folding paper box consisting of top, bottom, and side walls which are hinged one

to the other, of end walls hinged to the bottom, and of a retaining cord or ribbon that is attached to the end walls, passed through perforations of the top, and applied to retaining devices of the latter, substantially as specified.

3. A folding paper box composed of top, bottom, and side walls hinged to each other at the edges, end walls hinged to the bottom, a string applied to the end walls and passed through perforations of the top, said top having a hinged lid and means for retaining the lid, substantially as set forth.

4. A folding paper box composed of a body made of top, bottom, and side walls connected to each other by hinges, end walls hinged to

the bottom, a connecting cord or ribbon applied to the end walls and passed through openings of the top, retaining devices secured to the top for securing thereto the cord or ribbon, a hinged lid of the top, and means for securing the lid in closed position, substantially as specified.

In testimony that I claim the foregoing as my invention I have signed my name in presence of two subscribing witnesses.

RUDOLPH VAN BAAR.

Witnesses :

CARL KARP,
SIDNEY MANN.