B. OSBORN.

Paper-Boxes.

No. 134,394. Patented Dec. 31, 1872.

Fig. 1

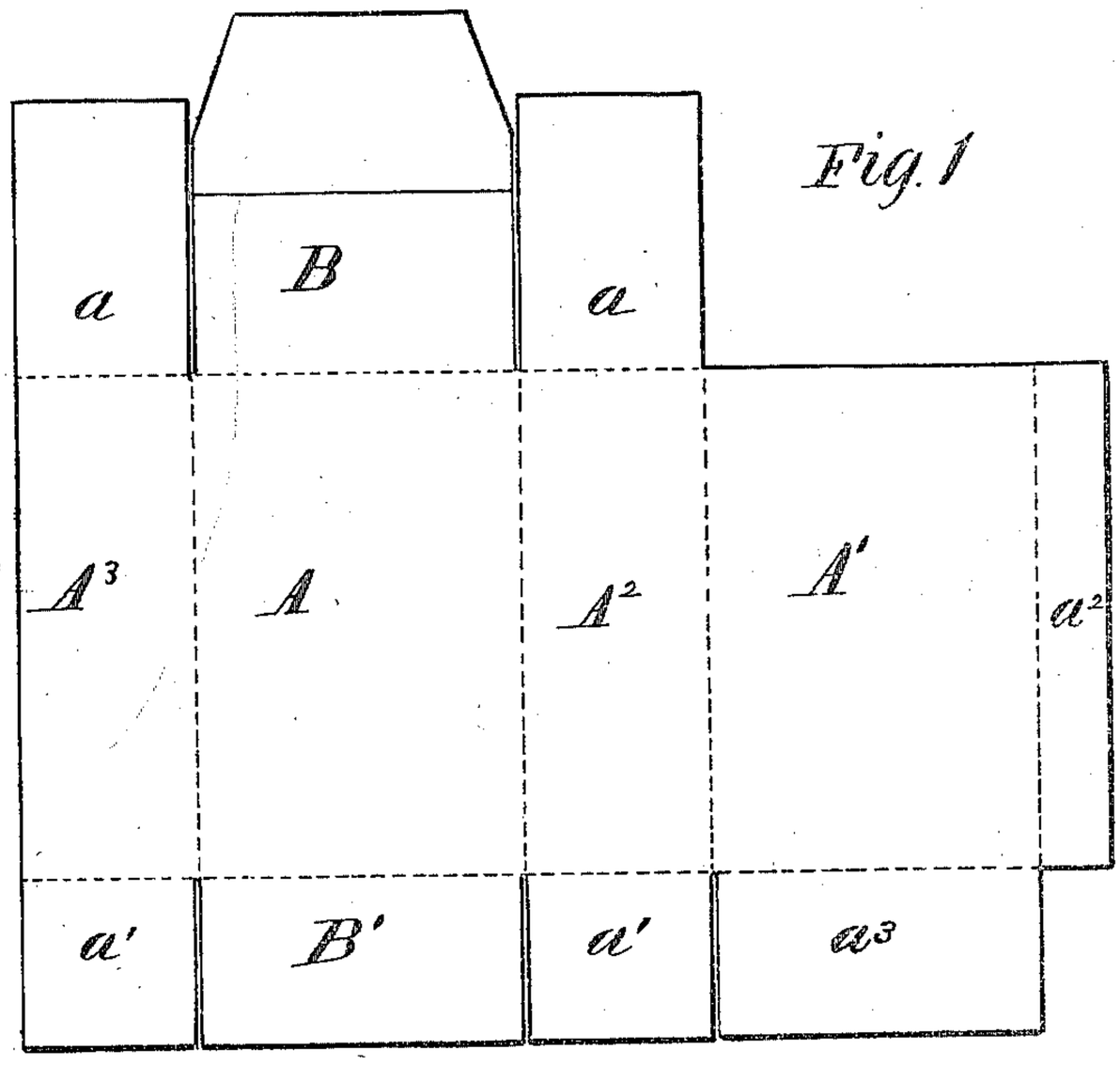


Fig. 3

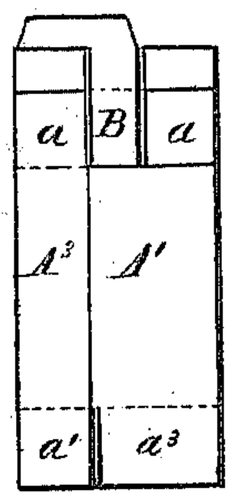


Fig 4

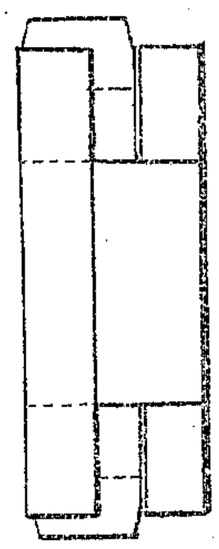
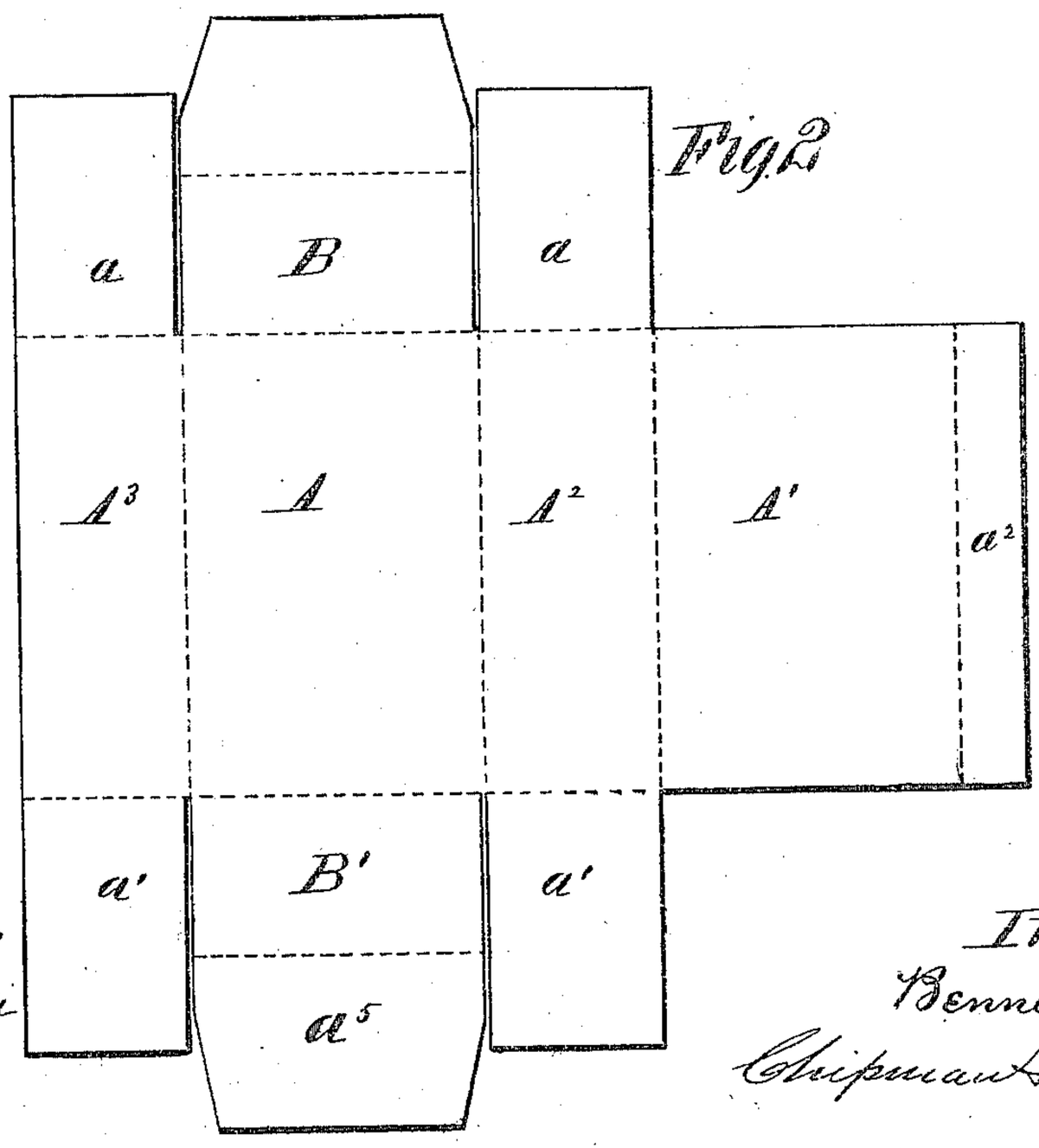


Fig 2



Witnesses
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AM. PHOTO-LITHOGRAPHIC CO. N.Y. (OSBORNE'S PROCESS.)

UNITED STATES PATENT OFFICE.

BENNET OSBORN, OF NEWARK, NEW JERSEY.

IMPROVEMENT IN PAPER BOXES.

Specification forming part of Letters Patent No. **134,394**, dated December 31, 1872.

To all whom it may concern:

Be it known that I, BENNET OSBORN, of Newark, in the county of Essex and State of New Jersey, have invented a new and valuable Improvement in Paper Boxes; and I do hereby declare that the following is a full, clear, and exact description of the construction and operation of the same, reference being had to the annexed drawing making a part of this specification, and to the letters and figures of reference marked thereon.

Figures 1 and 2 of the drawing are representations of the blank displayed. Figs. 3 and 4 are views of the blanks folded and creased, and with vertical walls attached together.

This invention has relation to paper boxes; and the novelty consists in the peculiar construction of the blanks, whereby they are rendered capable of being disposed of in a very compact manner for transportation or storing, and whereby the subsequent completion of the box is greatly facilitated, all substantially as hereinafter more fully described.

The improved blank is cut from a single sheet of strong box-paper, with the wings or flaps appropriately disposed, and the creases made to insure the evenness of the folding.

In the drawing, A represents the portion of the blank which constitutes the back of the box. B represents the top flap, and B′ the bottom flap, of the section A. A^1 designates the front section, corresponding in size and form to the section A, and separated therefrom by the side section A^2, the section corresponding to which is located on the opposite side of the section A, as shown at A^3. The side sections have folding wings at their upper and lower ends, as shown at a a^1. The front section A^1 is provided with a folding side wing, a^2, and may also have a depending flap, a^3, corresponding to the bottom flap B′ of the section A. The blanks are compactly folded for storing away in a small space by gumming the outer surface of the wing a^2, attaching it to the inner surface of the wing A^3, and then flattening the partially-formed box, as shown in Figs. 3 and 4, so that the sections A A^2 will be overlapped by the sections A^3 A^1. The flap a^3 should have its inner surface gummed to facilitate the completion of the box when desired. The box is perfected from the blank (shown in Fig. 1) by raising the flap B′, then the flaps a^1, and lastly the flap a^3, and attaching the last named to the flaps a^1 by moistening the gum. In the blank shown in Fig. 2 the wing or flap B′ has an extension, a^5, which is gummed on its outer side and creased to be inserted between the edges of the flaps a^1, which lie above it and the wall A^1, to the inner side of which it is gummed by the consumer when he wishes to use the box.

The folded and gummed blanks are illustrated in Figs. 3 and 4, as they are designed to be furnished to the trade and consumers generally. In these folded blanks the side flap a^2 is gummed fast to the wall A^3, while the bottom flaps are left to be folded according to the creases and gummed by the receiver.

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

A creased and folded box-blank having its sides secured together in the manufacture and its bottom gummed for attachment by the consumer, whereby it is adapted for transportation in compact form, substantially as specified.

In testimony that I claim the above I have hereunto subscribed my name in the presence of two witnesses.

BENNET OSBORN.

Witnesses:

F. W. RICORD,

CHARLES S. SWANWICK.