

J. L. Reber
Paper Box.
N^o 91,666. Patented Jun. 22, 1869.

Fig. 4.

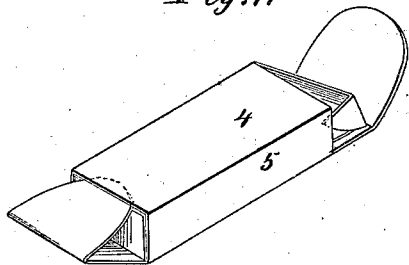


Fig. 2.

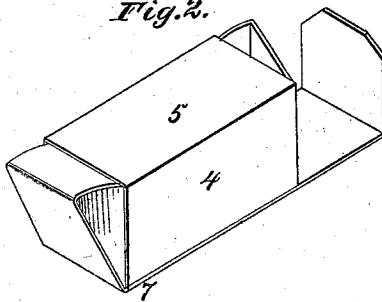


Fig. 3.

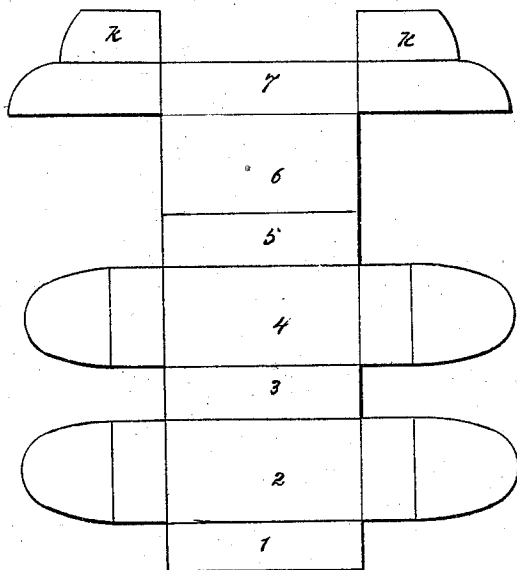
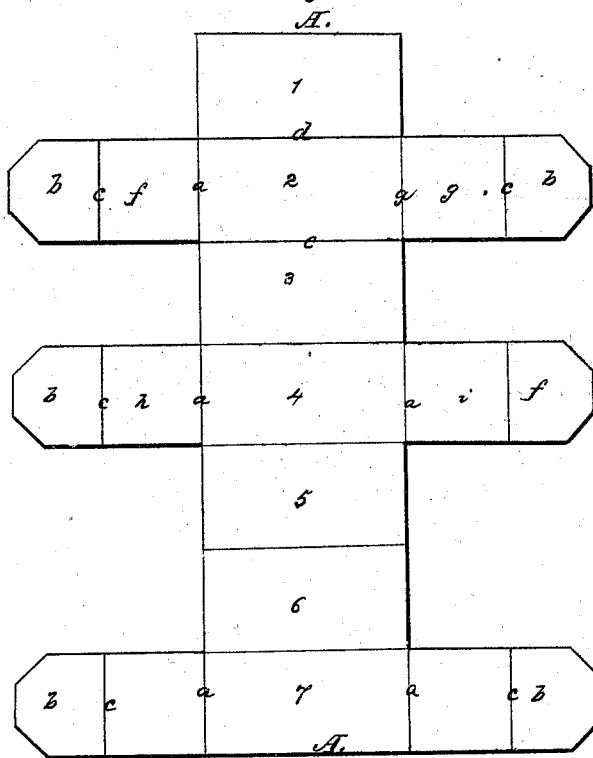


Fig. 1.



Witnesses.

Chas. Neda
Winchman

Inventor

James L. Reber
Per. Wm. L. S.

UNITED STATES PATENT OFFICE.

JAMES L. REBER, OF PHILADELPHIA, PENNSYLVANIA.

IMPROVED PAPER BOX.

Specification forming part of Letters Patent No. 91,666, dated June 22, 1869.

To all whom it may concern:

Be it known that I, JAMES L. REBER, of Philadelphia, in the county of Philadelphia and State of Pennsylvania, have invented a new and useful Improvement in Paper Boxes; and do hereby declare that the following is a full, clear, and exact description thereof, which will enable others skilled in the art to make and use the same, reference being had to the accompanying drawing, forming part of this specification.

This invention relates to improvements in paper boxes such as are shaped in one piece of paper to be folded and closed to secure the contents, without the use of any fastening material other than the parts of the paper where folded together. The said boxes being designed mainly for use in sending samples of seeds by mail, and other similar purposes for which they are specially applicable, being capable of packing, when unfolded, in very compact form for storage or return.

Figure 1 represents a plan view of the paper as shaped for folding. Fig. 2 represents a perspective view of the same when partly folded. Fig. 3 represents a plan view of the paper, with a slight modification in form. Fig. 4 represents a perspective view of the same when partly folded.

Similar letters of reference indicate corresponding parts.

A A represent a piece of paper of rectangular form, intended to represent seven sides of a rectangular box, some of which are to be folded on the others. They are numbered 1 to 7, consecutively. The parts numbered 2, 4, and 7 have projecting from each end flaps, to be folded at the lines *a*, to form the ends of the said boxes. These flaps are prolonged, and terminate at *b* in tongues to penetrate between the folds, to hold the parts together. These tongues are folded over on the lines *c*.

In this form the blank for the box is to be cut in one piece from the sheet of paper, and is folded as follows: The part 1 is folded up on the line *d*; the two flaps of the part 2 are folded up on the lines *a*; the part 3 is then folded up on the line *e*. In this position the partly-formed box, consisting of the bottom 2, sides 1 and 3, and ends *f g* may be held in the left hand and filled by the other with seed or other substance. Then the tongues of the flaps *f g* are folded down on the lines *c* over the top of the box. Then the part 4 is folded down on the top, and the flaps *h i* thereof down over the ends, and their tongues under the bottom. Then part 5 is folded over the side and part 6 under the bottom, and 7 on the opposite side. The flaps of part 7 are then folded over the ends, and the tongues thereof tucked under the part 5, completing the folding.

In the modification shown in Fig. 3 the flaps of the part 7 are provided with tongues *k* on the sides, which are inserted under the parts 4, when inserting the other tongues thereof under the parts 5, as represented in Fig. 4.

While I propose to use paper, which I consider the best material, I may, if desired, make use of other suitable substance.

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

Paper boxes formed of blanks consisting of one piece, shaped and folded substantially as herein specified.

JAMES L. REBER.

Witnesses:

WILSON KERR,
JOHN F. KELLY.