

H. A. MANN, Jr.
Paper-Box.

No. 207,813.

Patented Sept. 10, 1878.

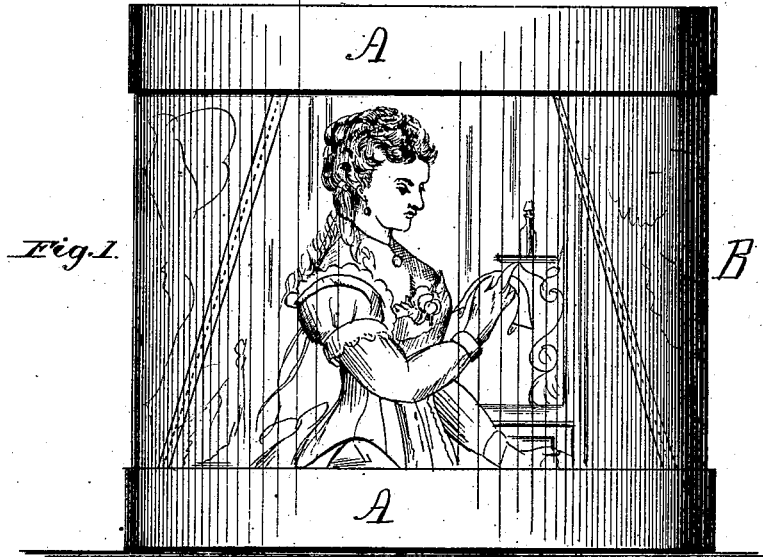


Fig. 1.

Fig. 2.

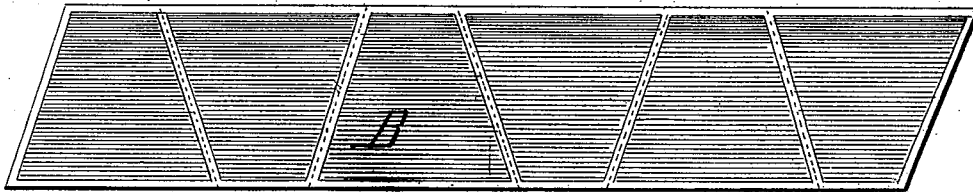
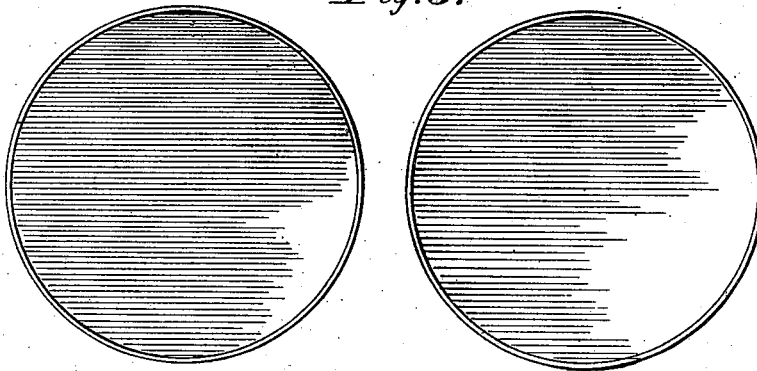


Fig. 3.



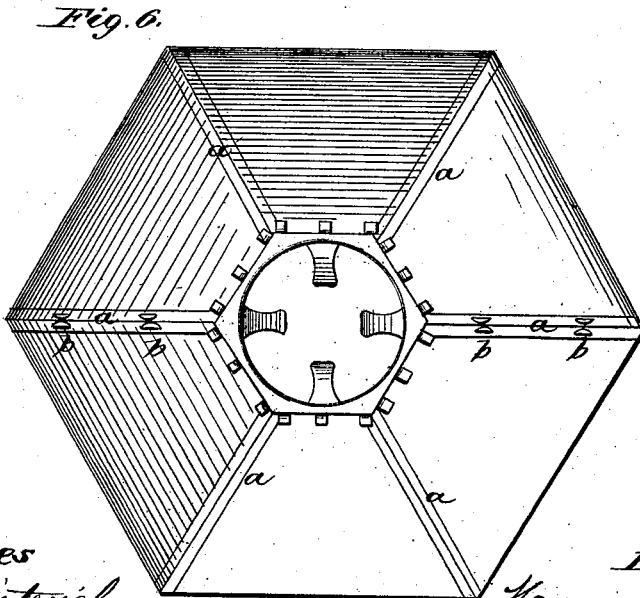
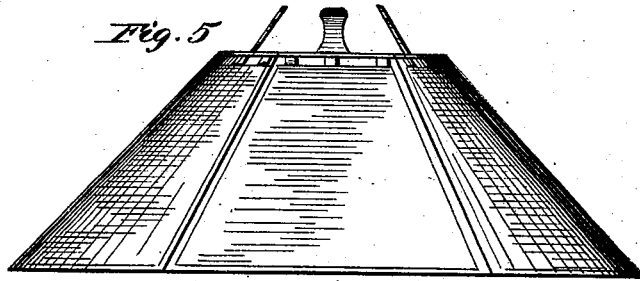
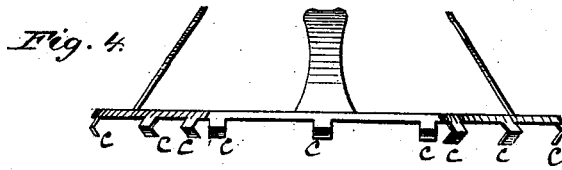
Witnesses
Geo. G. Dietrich
Thos. D. Egan

Inventor
Henry A. Mann
 by
Henry Brown
 Attorney.

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Witnesses
Edw. G. Ditcher
Thos. D. Carter

Inventor:
Henry A. Mann
 by his attorney
Wm. Henry Brown

UNITED STATES PATENT OFFICE.

HENRY A. MANN, JR., OF BALLSTON SPA, NEW YORK.

IMPROVEMENT IN PAPER BOXES.

Specification forming part of Letters Patent No. 207,813, dated September 10, 1878; application filed August 9, 1878.

To all whom it may concern:

Be it known that I, HENRY A. MANN, Jr., of Ballston Spa, in the county of Saratoga and State of New York, have invented a new and useful article of manufacture as an Improvement in Paper Boxes, of which improvement the following is a specification:

The object of my invention is to form a box for cloth and paper collars and cuffs, such as are commonly sold and worn as wearing apparel, which box may serve a new and useful purpose when it shall no longer be required to be used as a mere packing-box.

It is well known that paper and other collars are commonly coiled and placed in cylindrical boxes made of paper and sold so packed.

My improvement consists in making a box for the same purpose of the ordinary shape, but with two covers, both removable, and the body so made that when no longer necessary as a part of a box, which is thereafter generally thrown away when emptied, it may readily be utilized as an inexpensive, useful, and ornamental lamp-shade.

In order to fully explain my invention, I will describe the construction of my box and of its component parts.

Figure 1 represents my box, with a movable flanged cover, A A, at both top and bottom, B being the body. Fig. 2 represents the body-paper B, which, being rolled and inserted into the covers with them, constitutes the box without pasting or other mode of fastening. Fig. 3 represents the unattached covers. Fig. 4 represents the metal top which encircles the chimney of a lamp. Fig. 5 represents the lamp-shade formed from the body of the box B, and in its proper position for use. Fig. 6 represents the lamp-shade reversed, *a a* showing strips of gummed cloth or paper for joining and securing the seams of the sections of the shade, and *b b* showing metallic tags or fasteners, which may be used instead for the same purpose, if desired.

Fig. 1 sufficiently explains itself. Fig. 2

shows a strip of paper printed in six uniform trapezoidal sections, each in shape like a face of a truncated pyramid, and so divided that alternate sections are inverted, with a dotted line as a guide for cutting apart.

It will be understood that when both covers, Fig. 3, are taken off, the body B unrolls. The sections may then be separated, placed in proper position, and be readily united by the gummed strips, or, at pleasure, the metallic fasteners. The metallic top, Fig. 4, is then or may sooner be placed in position, and secured by means of the projecting parts *c c*, which are passed through the upper part of each section and bent over. The metallic top, Fig. 4, and gummed strips or fasteners are inclosed in each box when packed for sale.

Each section of the shade bears a pictorial work of art, and, notwithstanding the fact that it is both useful and ornamental, the manufacturer can, without loss to himself, furnish it with all its parts to the purchaser of his goods who pays the usual price therefor.

The chief merit of my invention consists in the cheapness, which enables the manufacturer to give the article for the price of an ordinary box, and which acts as an inducement to buy.

The body of the box may consist of paper or other material, and the sections may be in number more or fewer than six, as the principle is the same in either case.

I claim—

A new article of manufacture consisting of the collar-box with movable cover at each end, the unfastened body B, laid out in uniform trapezoidal sections, which, when separated and reunited by means hereinbefore set forth, constitute a lamp-shade, all substantially as described.

HENRY A. MANN, JR.

Witnesses:

GEO. L. THOMPSON,
JOHN J. LEE.