H. D. SCUDDER.

PAPER BOX.

No. 76,830. Patented Apr. 14, 1868.

Fig. 1

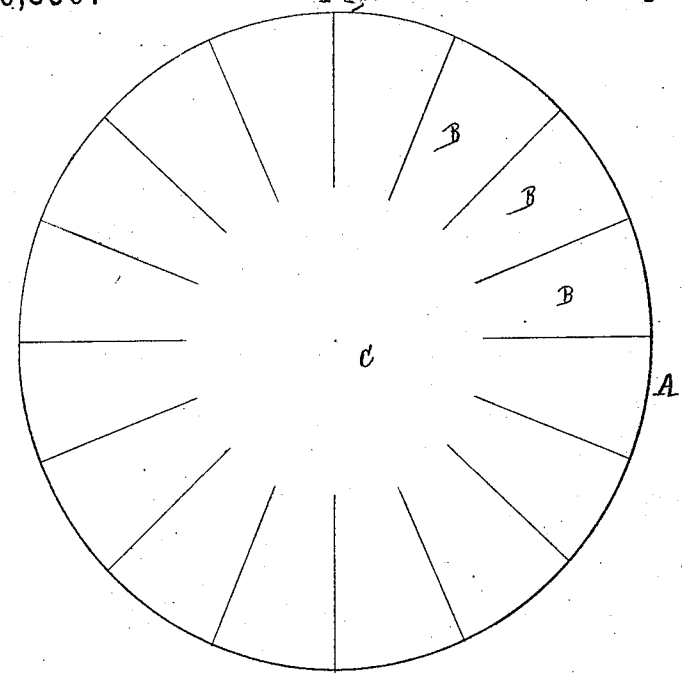


Fig. 2

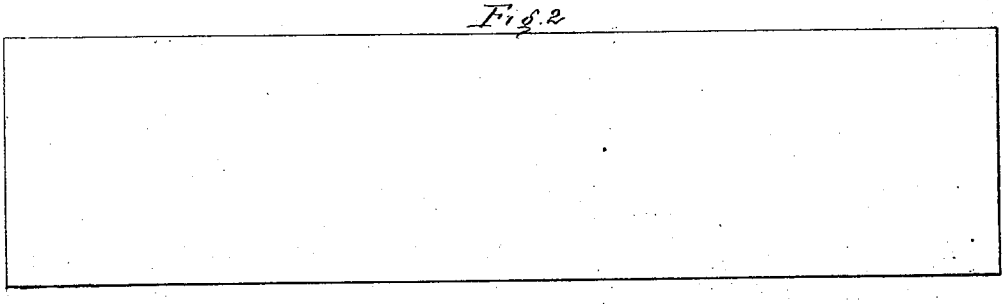
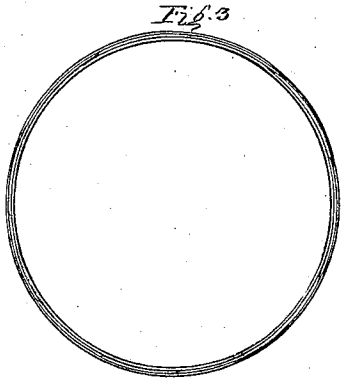
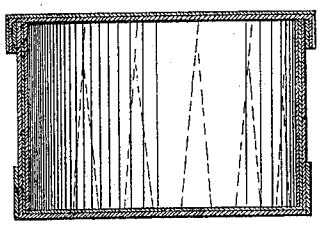


Fig. 3





Witnesses

Cyrus Vanbuben

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Atty

UNITED STATES PATENT OFFICE.

H. D. SCUDDER, OF AMSTERDAM, NEW YORK.

IMPROVED PAPER BOX.

Specification forming part of Letters Patent No. **76,830**, dated April 14, 1868.

To all whom it may concern:

Be it known that I, HENRY D. SCUDDER, of Amsterdam, in the county of Montgomery, and in the State of New York, have invented certain new and useful Improvements in Making Paper Boxes; and I do hereby declare that the following is a full, clear, and exact description thereof, reference being had to the accompanying drawings, and to the letters of reference marked thereon.

In the annexed drawings, making part of this specification, A represents a blank piece of paper of suitable thickness, size, and shape for making the bottom and sides of a paper box. In this case the paper is made round in shape, and is for the purpose of making a round box. In order to determine the size of the box, I measure the height of the side of the box and then one-half the diameter of the bottom, and with these two dimensions combined I have a radius by which I strike the circle upon the paper of which the box is to be formed. With the radius of half the diameter of the bottom of the box I then strike a circle from the center of the paper, which tells me the size of the bottom. I then cut a series of kerfs from this circle, which indicates the bottom of the box, toward the outer edge of the paper, and thus form the series of segments B B, which may be as many as desirable. The center C is then placed over a hollow cylinder of suitable size, and forced down by means of a follower of the size and shape of said center. The sections B B then stand at right angles to the center C, and the contiguous edges of the sections overlap each other. They commence to lap a little near the bottom, and lap more as they approach their upper edges, and where they lap they are glued or pasted fast together. I now paste in an inside lining and then an outside covering, which completes the body of the box. This lining and outer covering may both be pasted on at the same time the body is pressed into the former, so as to complete the whole at one operation.

By cutting the blanks of these boxes in suitable shapes the boxes may be made round, or hexagonal, or square, or any other desirable shape. The top of the box may be made similarly.

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

Forming the sides and bottoms of a circular paper box of one and the same piece, in the manner herein specified.

In testimony that I claim the foregoing I have hereunto set my hand this 28th day of March, 1868.

H. D. SCUDDER.

Witnesses:
C. M. ALEXANDER,
A. N. MARR.