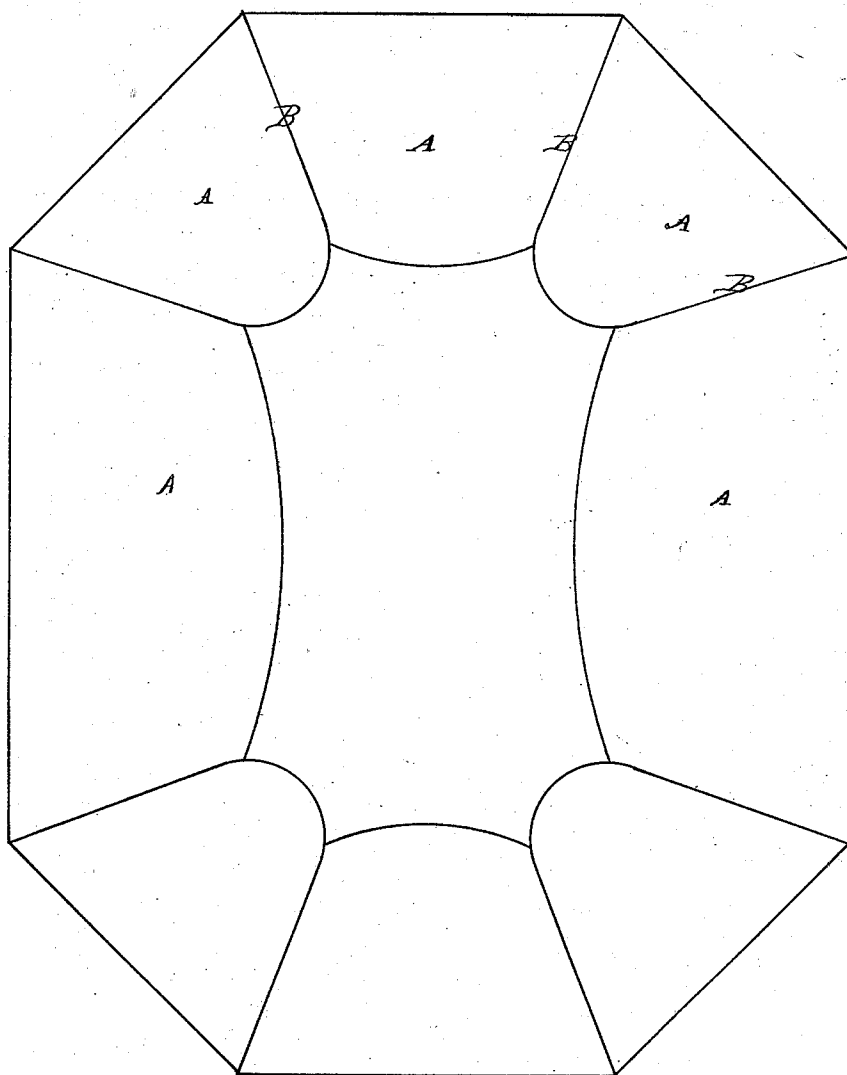


R. W. BETTS.
Process of Making Paper Card-Baskets.
No. 207,239. Patented Aug. 20, 1878.



Witnesses
Robert L. Garrettson
William W. Bradway

Inventor
Robert W. Betts By
Amos Broadwell Atty

UNITED STATES PATENT OFFICE

ROBERT W. BETTS, OF BROOKLYN, NEW YORK.

IMPROVEMENT IN PROCESSES OF MAKING PAPER CARD-BASKETS.

Specification forming part of Letters Patent No. **207,239**, dated August 20, 1878; application filed May 8, 1878.

To all whom it may concern:

Be it known that I, ROBERT W. BETTS, of Brooklyn, in the county of Kings and State of New York, have invented a new and useful Process of Manufacturing Card-Baskets and Similar Articles of Card-Board; and I do hereby declare the following to be a full, clear, and exact description of the same, reference being had to the annexed drawing, making part of this specification, by the aid of which is illustrated the manner of practicing my invention.

The first step in my new process of manufacturing card-baskets and other similar articles of paper is as follows: I first make a form of the shape of the article in blank. This form consists of a series of thin strips of metal bent in the desired form and united, forming a series of cells inclosed by the strips of metal, as shown by the drawing, the cells being shown by A, and the strips of metal by B. These cells I fill about two-thirds full of plaster-of-paris, leaving the top edges to project above the surface of the plaster. The strips of metal are all of equal width, and are exactly parallel, and are all arranged on the same plane on both sides of the form.

The second step is to place the form on the bed-plate of a printing-press and secure it there.

The third step is to pass the inking-rollers over the top edges of the form, inking them.

The fourth step is to supply the press with card-board or paper.

The fifth step is to so adjust the press as to insure pressure enough of the form on the card-board to crush or break the sizing of the paper upon the line of the mark at the same time it inks or marks the outline of the blank article, by which the point of making the crease is easily seen, and the crease easily made, when the finishing-hand comes to turn up the edges to complete the article.

The sixth and last step consists of applying the sections A of the blank (the cells of the form) to a hot iron of the required shape, by which the edges of the basket or other article are turned up and set to the angle required, this ending the process and completing the article.

I claim as my invention—

The new process of manufacturing paper card-baskets and other similar articles of manufacture, consisting of marking the face of the paper and crushing its sizing on the line of the mark at one operation, by means of a form in a press, and by then turning and setting up the edges of the article by applying the sections to a hot iron of the desired form after taking the blank out of the press.

ROBERT W. BETTS.

Witnesses:

R. W. BORNEMANN,
JOHN DE VRIES.