(No Model.)

S. E. BALL.

CANDY MOLD.

No. 398,368. Patented Feb. 26, 1889.

Fig. 1.

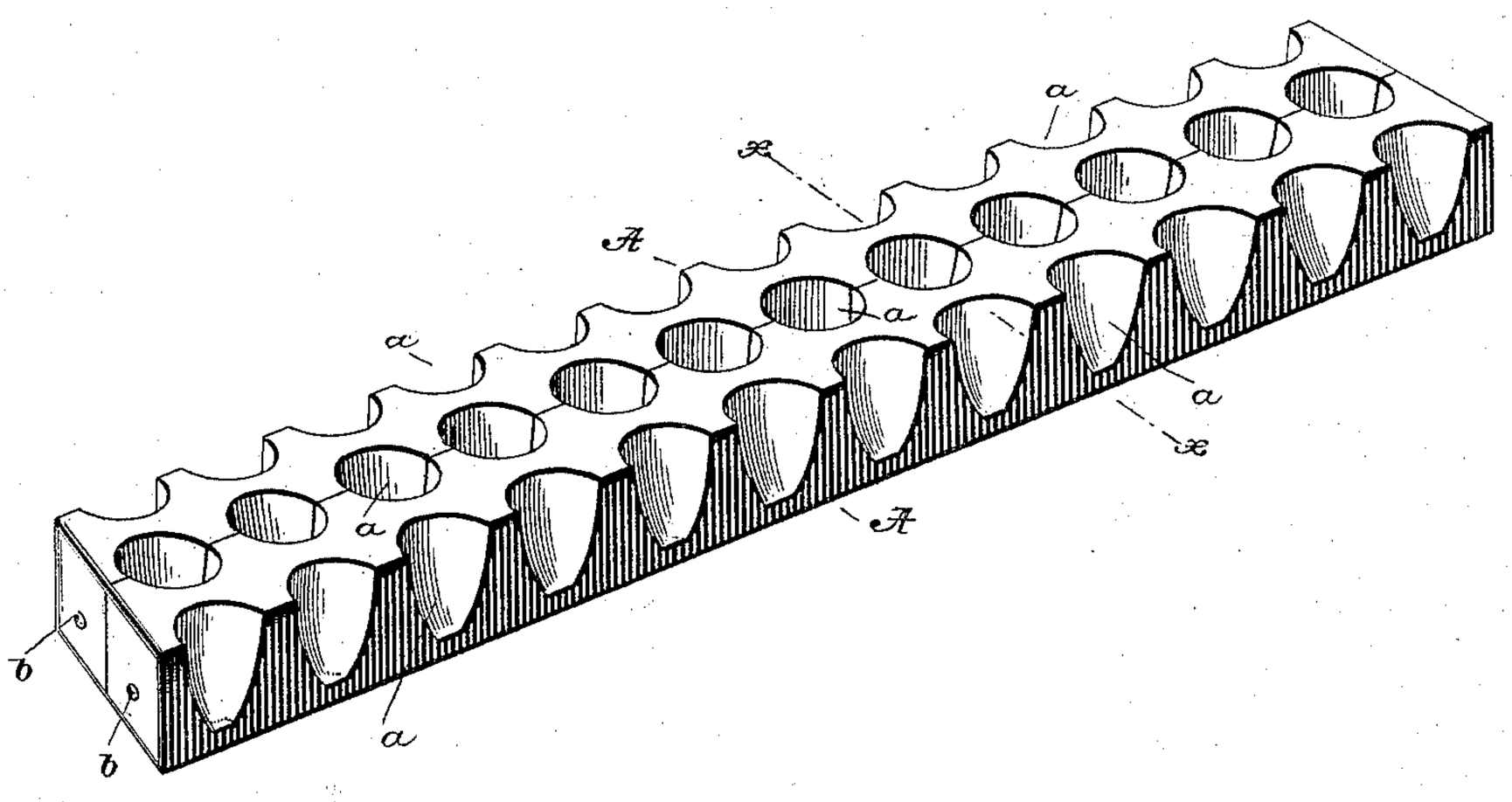
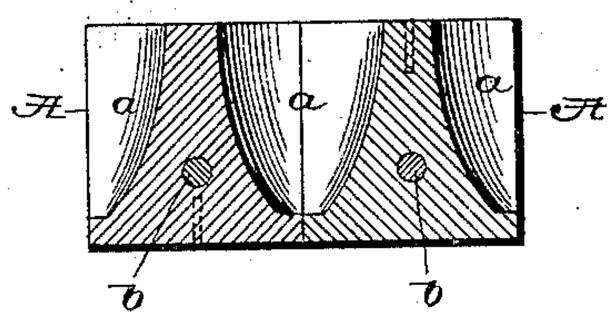


Fig. 2.

ON LINE X—X



Witnesses.

W. W. Mortimer

W. A. Kennedy

Inventor.

Saml. E. Ball

By Phil. T. Dodge.

Attorney.

UNITED STATES PATENT OFFICE.

SAMUEL E. BALL, OF DAYTON, OHIO.

CANDY-MOLD.

SPECIFICATION forming part of Letters Patent No. 398,368, dated February 26, 1889.

Application filed November 30, 1888. Serial No. 292,179. (No model.)

To all whom it may concern:

Be it known that I, SAMUEL E. BALL, of Dayton, in the county of Montgomery and State of Ohio, have invented certain Improvements in Candy-Molds, of which the following is a specification.

This invention relates to a hand-mold intended more particularly for use in the molding of cream or fondant.

The object of the invention is to provide a light and simple mold which may be readily manipulated on a table, and from which the contents may be speedily removed without mutilation or injury.

To this end it consists in a series of unconnected strips or bars formed of india-rubber and adapted to be laid side by side with complementary cavities or indentations in their proximate faces to form the mold-cells, each bar being stiffened by a longitudinal rod or plate of metal applied thereto to prevent it from bending out of form when in use.

In the accompanying drawings, Figure 1 represents two of my bars arranged in operative relation to each other. Fig. 2 is a cross-section on the line *x x*.

Referring to the drawings, A A represent the mold-bars, formed of vulcanized india-rubber or analogous material. These bars are of straight form with vertical side faces, and are each provided in their vertical faces with a series of cavities or indentations, *a*. The bars are adapted to fit closely together when side by side, and the cavities are so formed and located that those in the face of each bar will register with the face of the adjacent bar, as shown in the drawings, whereby divisible mold-cells are formed in and between the bars.

The cells shown in the drawings are intended for the production of fondant or the cream-filling of chocolate drops, and are therefore of the customary conoidal form; but it is obvious that they may be made of any other approved form. Each bar is stiffened longitudinally by means of a rod, *b*, extended through from end to end. These rods may be of round form embedded in the body of the bars, as shown in cross-section in Fig. 2; or they may be in the form of flat plates, and seated either in the top or bottom of the bars, as shown by dotted lines in Fig. 2, the only essential requirement being that they shall be of such stiffness or rigidity as to prevent the mold bars or sections from being readily bent out of a straight form.

The formation of the mold of india-rubber is advantageous, for the reasons that the material is non-absorbent and that the stock will cleave readily therefrom, or, in other words, is free from tendency to adhere thereto. In consequence of this fact the casting will fall readily from the cells as the bars are separated from each other. I am therefore enabled to discharge the contents of the molds without special care or exertion on the part of the attendant and to produce the finished candies in the exact form of the mold-cells.

It is manifest that the form of the mold-cells may be varied at will, the only requirement being that they shall be in the contiguous faces of the bars, so that when the latter are separated the castings will be set free.

Having thus described my invention, what I claim is—

1. The candy-mold consisting of the series of independent rubber bars provided with complementary cells, and each provided with a stiffening rod or strip to prevent flexion.

2. A section for a candy mold consisting of a rubber bar provided with suitable mold cells or cavities, and with a stiffening strip or rod applied permanently thereto.

In testimony whereof I hereunto set my hand, this 16th day of November, 1888, in the presence of attesting witnesses.

SAMUEL E. BALL.

Witnesses:
JAMES ANDERTON,
F. C. GARRETT,
CHAS. W. SNYDER.