

J. F. COSTA.
BAKING PAN.
APPLICATION FILED OCT. 1, 1908.

937,424.

Patented Oct. 19, 1909.

2 SHEETS—SHEET 1.

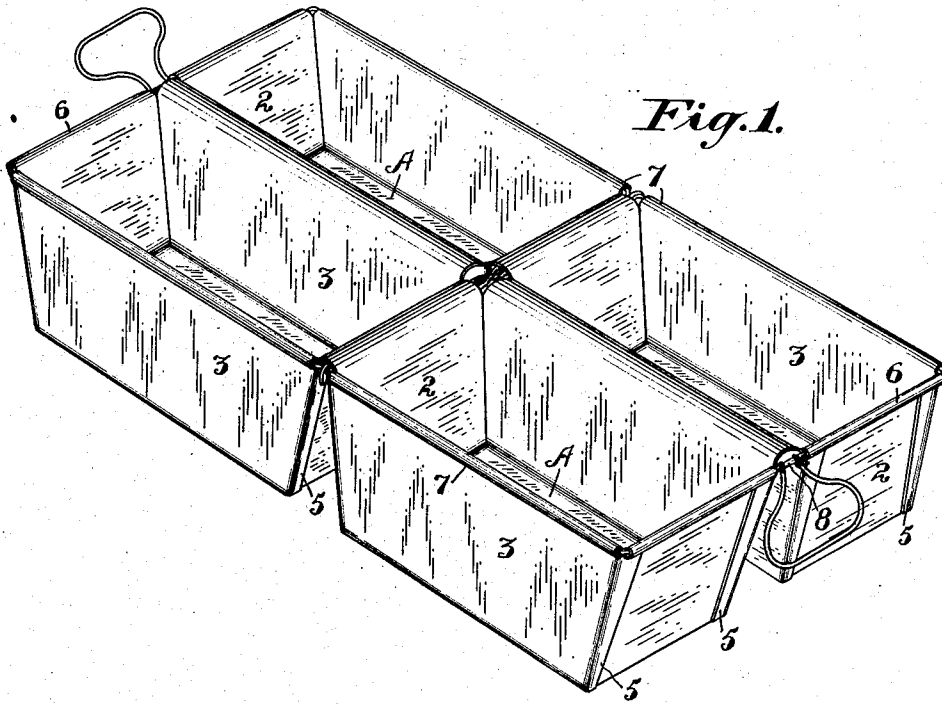
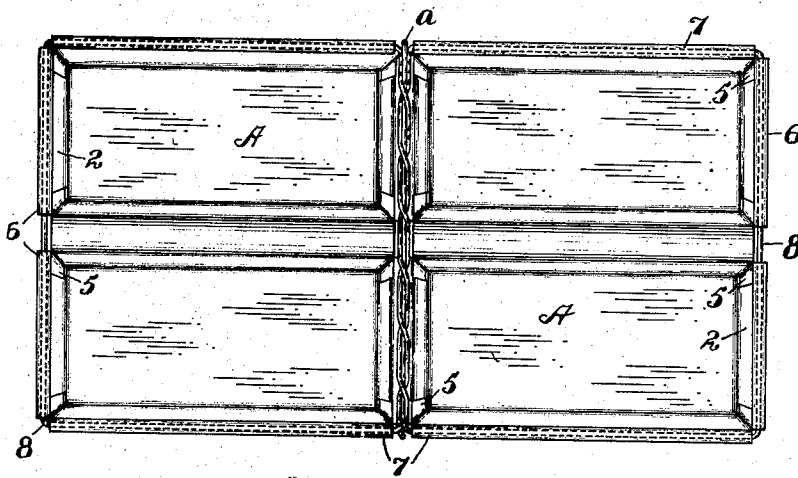


Fig. 2.



WITNESSES

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Fig. 3.

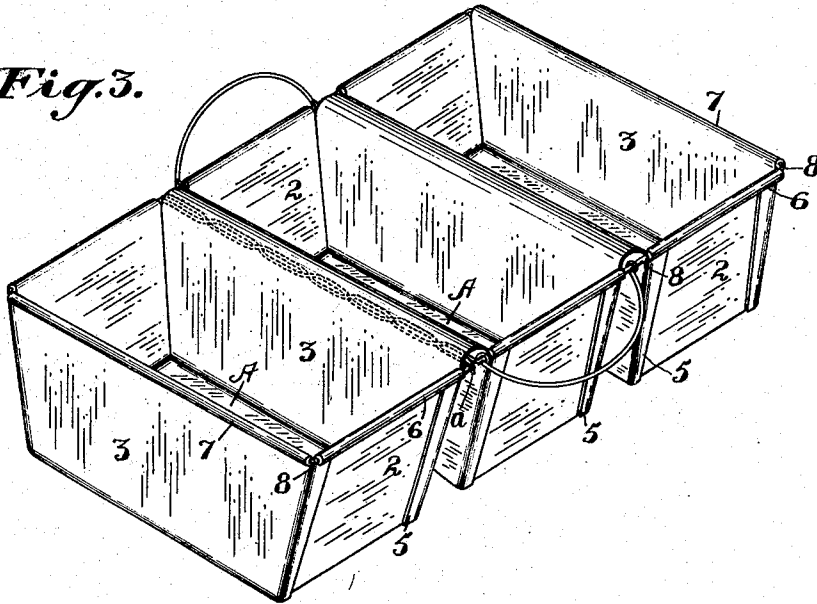


Fig. 4.

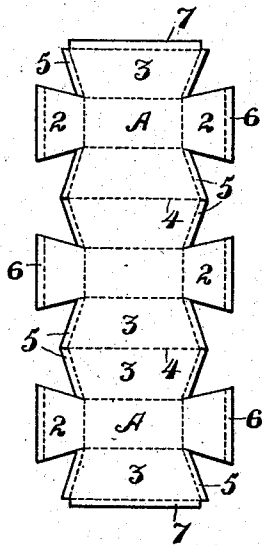
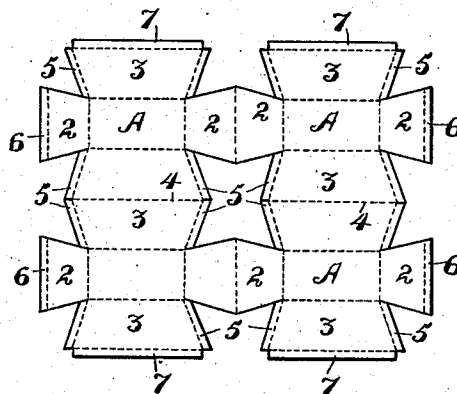


Fig. 5.



WITNESSES

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UNITED STATES PATENT OFFICE.

JOHN FARIA COSTA, OF WATSONVILLE, CALIFORNIA.

BAKING-PAN.

937,424.

Specification of Letters Patent.

Patented Oct. 19, 1909.

Application filed October 1, 1908. Serial No. 455,758.

To all whom it may concern:

Be it known that I, JOHN FARIA COSTA, citizen of United States, residing at Watsonville, in the county of Santa Cruz and State of California, have invented new and useful Improvements in Baking-Pans, of which the following is a specification.

My invention relates to baking pans, and especially bread-pans.

The object of the invention is to provide a simple, cheap, practical baking pan designed to contain a plurality of loaves, and which pan can be struck out from a single blank with as many pan units in the blank as desired; these units being readily folded in the desired shape and held in a permanent rigid structure by a single rim wire.

The invention consists of the parts and the construction and combination of parts as hereinafter more fully described and claimed, having reference to the accompanying drawings, in which—

Figure 1 is a perspective view, showing a double row of pans. Fig. 2 is a bottom view of same. Fig. 3 is a perspective view, showing a single row of pans. Fig. 4 shows a blank, for the form shown in Fig. 3. Fig. 5 shows a blank for the form shown in Fig. 1.

The pan may be made up in either single or multiple rows of pan units. Fig. 4 represents a blank suitable for a single row of pan units, and Fig. 5 represents a blank for a double row of pan units.

For a single row I employ a piece of sheet-metal of suitable weight and size, and cut this blank to provide a rectangular bottom portion A, end panels 2, and side panels 3, each bottom portion A having a pair of end panels 2 and a pair of side panels 3; the intermediate side panels 3 being integrally connected, and bendable along the lines 4. The panels 2 and 3 are each made substantially trapezoidal, with the end edges of the panels converging toward the base panel A.

The length of the end panels 2 just equals the width of a pan section, so that when the ends are folded up to form a pan, as in Figs. 1 and 2, the ends will just fit inside the similarly upturned side panels; while the side panels are made with an extra length, represented by the border 5, which border is bent over the end panels to close the joints.

The outer or longer edge of each side panel 3 is provided with an additional border section 6, and also the outside side panels of a blank are provided with additional borders

7; these border portions 6 and 7 being adapted to be bent over the rim wire 8.

If a double row of pans is wanted, a blank such as shown in Fig. 5 is used, in which the intermediate end panels are integrally connected along the line 9, just as the intermediate side panels are integrally connected along the lines 4.

To make up a pan from a blank such as represented by Fig. 1, a blank such as shown in Fig. 5 is folded so that the side and end panels are bent upward and the end sections 5 clenched to inclose the pan units, the integrally connected intermediate panels being folded along the lines 4 and 9, and the border sections 6 and 7 being suitably clenched over the rim wire 8. This rim wire 8 for a multiple row pan is an important feature of the invention, and the manner of its bending is shown in Fig. 2 which is an underneath view of the pan of Fig. 1. One end of this wire, as *a*, is passed around one row of pan sections, and the other end of the wire is passed completely around the other row of sections, the free ends of the wire then being twisted together down between the rows and terminating substantially as shown. This triple folding of the wires down the middle of the units gives additional strength, rigidity and neatness of appearance to the completed structure.

It is manifest that any number of pan units may be struck out from a single sheet of metal, and these pan units may be of any suitable size. Furthermore, the completed pan, no matter its size, or number of units, is made up of but two parts, the sheet-metal body and the wire reinforcing rim.

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

1. A bread pan comprising a plurality of pan units, each unit comprising a bottom portion and integrally connected end and side panels, the intermediate panels being integrally connected, and all the panels and bottoms being struck from a single piece of sheet metal, and a single rim wire extending around the pan and underneath the integrally connected intermediate panels.

2. A bread-pan comprising a plurality of pan units, each unit consisting of a bottom portion and integrally connected end and side panels, said panels being substantially trapezoidal in shape, the intermediate panels being integrally connected, and all the panels

and bottoms struck from a single piece of sheet-metal, the rim edges of the outside panels of the several units being folded over a single rim wire, said wire extending around the pan and underneath the integrally connected intermediate panels, and the ends intertwined.

3. An improved baking pan having multiple pan units comprising a piece of sheet metal cut out to provide a plurality of rectangular bottom sections, each bottom section having integral end panels and side panels, the intermediate end and side panels being integrally connected and all the panels

being substantially trapezoidal in outline with the shorter parallel side of each trapezoid adjacent to its respective bottom section, and a rim wire extending around the pan and underneath the integrally connected intermediate panels.

In testimony whereof I have hereunto set my hand in presence of two subscribing witnesses.

JOHN FARIA COSTA.

Witnesses:

JAMES A. HALL,
STEPHEN SCURICH.