No. 718,124. PATENTED JAN. 13, 1903.

J. B. HEYDT.

LOAF FORMING DEVICE.

APPLICATION FILED MAY 19, 1902.

NO MODEL.

Fig. 1.

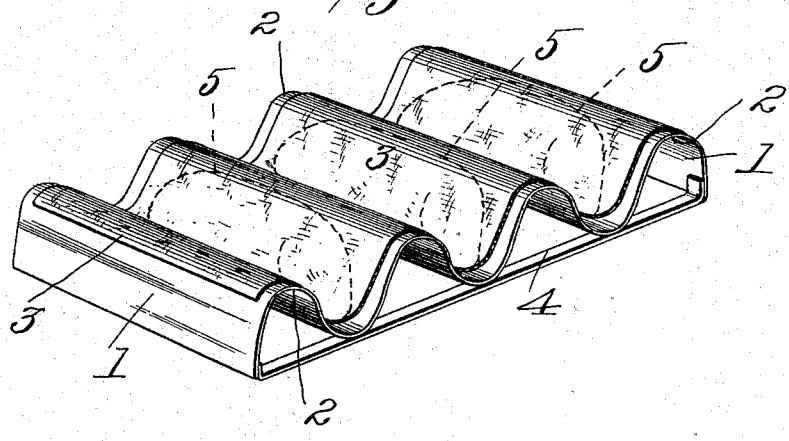


Fig. 2.

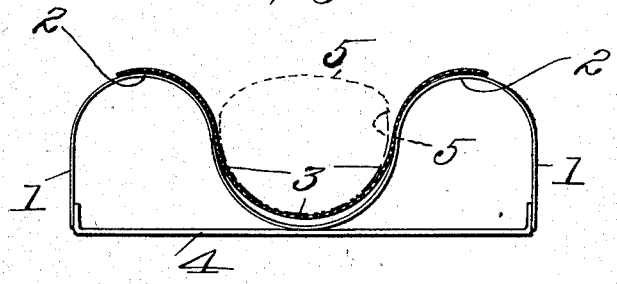
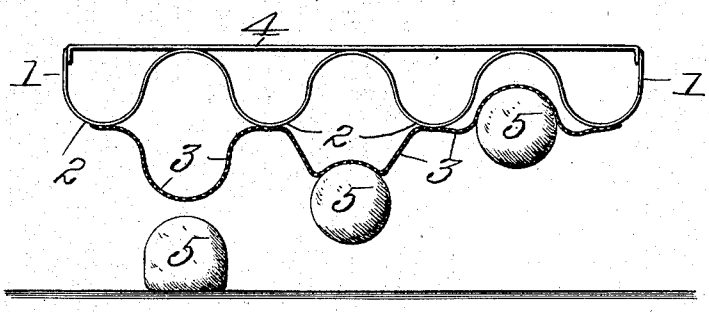


Fig. 3.



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UNITED STATES PATENT OFFICE.

JOHN B. HEYDT, OF ST. LOUIS, MISSOURI.

LOAF-FORMING DEVICE.

SPECIFICATION forming part of Letters Patent No. 718,124, dated January 13, 1903.

Application filed May 19, 1902. Serial No. 107,917. (No model.)

To all whom it may concern:

Be it known that I, JOHN B. HEYDT, a citizen of the United States, and a resident of the city of St. Louis, State of Missouri, have invented a new and useful Loaf-Forming Device, of which the following is a specification.

My invention relates to a device for forming loaves of bread, and has for its principal objects to secure uniformity in the shape of such loaves, to facilitate the handling thereof, and to secure other advantages, hereinafter specified.

It consists in a flexible fabric supported by a frame along substantially parallel lines and arranged to sag freely between its supports. It also consists in the parts and in the arrangements of parts hereinafter described and claimed.

In the accompanying drawings, which form part of this specification, and wherein like symbols refer to like parts wherever they occur, Figure 1 is a perspective view of my device having a plurality of forms with the loaves therein shown in dotted lines. Fig. 2 is an end view of a single form; and Fig. 3 is an end view of Fig. 1 in an inverted position, showing the loaves of bread leaving the forms at different stages.

My device consists of a frame 1, which comprises two or more elevated parts or supports 2, which are arranged substantially parallel and at a distance apart approximately equal to the desired thickness of the loaves. A piece of canvas or other suitable fabric 3 is glued or otherwise firmly secured to the top of each of said supports 2. The portion or portions of the fabric between said supports are loose and are of such width as to sag or hang freely without touching the base of the frame.

In the construction shown in Fig. 1 the frame consists of a single sheet of metal corrugated to form four elevated ridges and having its ends secured by tie-rods 4. The bottoms of the corrugations are preferably secured to such tie-rods. This simple construction produces three forms, which are so spaced apart that the three loaves 5 thereon may be placed in proper relation upon the peel by simply inverting the construction.

Obviously the construction of the frame may be changed considerably and the flexible fabric may be secured to the elevated portions in divers ways, and I do not wish to be restricted to the constructions described.

The operation of my device is as follows: The dough after being kneaded and formed into a loaf is set to rise upon the flexible fabric. As the dough is plastic, its ends are tapered and rounded off to a desirable shape during the process of rising. Then the device is inverted, preferably in the direction of the length of the loaf. The loaf adheres to the canvas to a certain extent, so that instead of falling therefrom immediately upon inversion it is peeled or stripped therefrom gradually onto the peel preparatory to being placed in the oven. This gradual stripping prevents the breaking of the "skin" and the excessive flattening of the loaf and preserves the proper rounding of its ends. The device thus not only avoids a considerable portion of the manual labor heretofore involved in shaping and handling the loaves, (especially where such device is made to accommodate the number of loaves necessary to cover the peel,) but it produces loaves of better shape than is practicable when the same are placed on the peel by hand.

What I claim is—

1. A loaf-forming device comprising a flexible fabric and supports therefor, said fabric being secured to the upper portions of said supports and arranged to sag freely between the same, substantially as described.

2. A loaf-forming device comprising a frame and a flexible fabric supported thereby, said fabric being secured to its supports along substantially parallel lines and arranged to sag freely between said supports, substantially as described.

3. A loaf-forming device comprising a flexible fabric and a plurality of substantially parallel supports therefor, all arranged so that the fabric sags freely between said supports, substantially as described.

4. A loaf-forming device comprising a flexible fabric and a plurality of substantially parallel supports therefor, said fabric being secured near the upper part of said supports

and arranged to sag freely between said supports, substantially as described.

5. A loaf-forming device comprising a flexible fabric and a corrugated metal sheet comprising a plurality of substantially parallel supports therefor, said fabric being secured to the tops of said corrugations and being free and arranged to sag between them, substantially as described.

St. Louis, Missouri, May 16, 1902.

JOHN B. HEYDT.

Witnesses:
ZOLA TUCKER,
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