

D. KRAPP & J. F. SACHS.
DOUGH ROLLING DEVICE.
APPLICATION FILED MAY 28, 1909

943,423.

Patented Dec. 14, 1909.

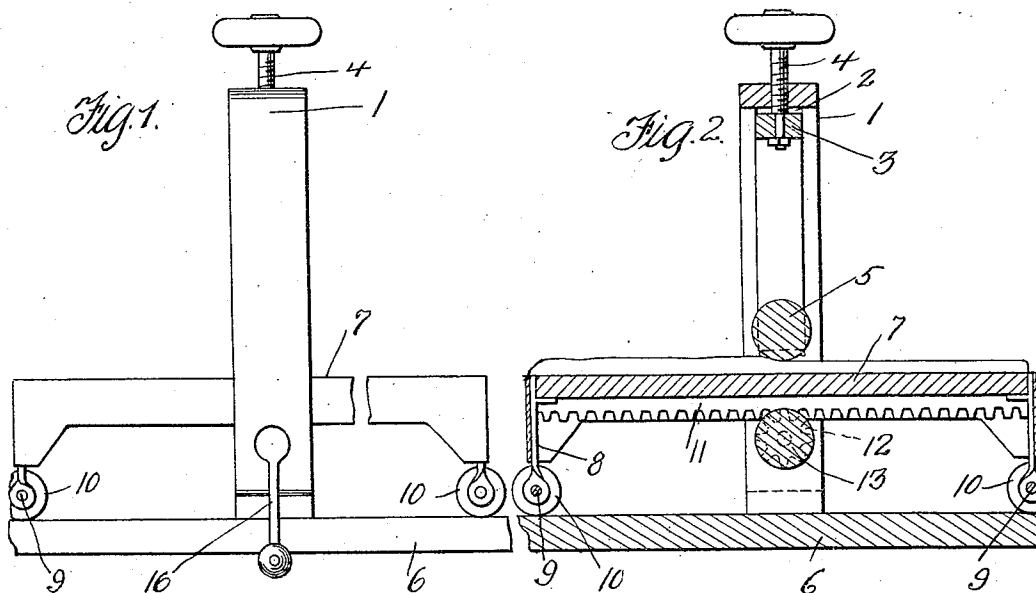


Fig. 3.

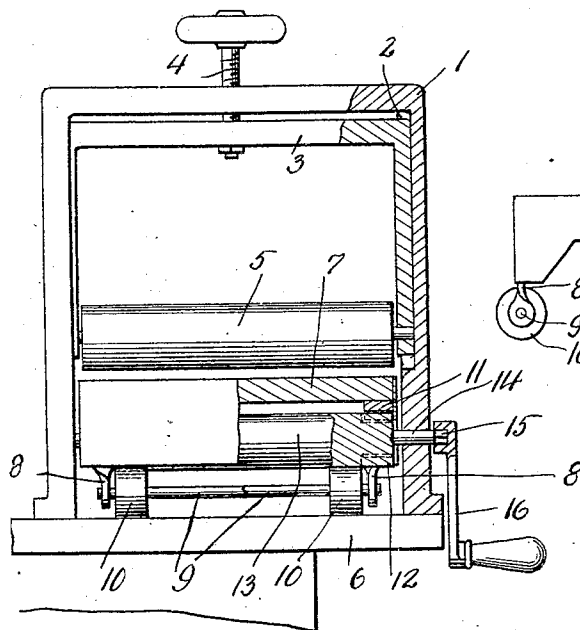
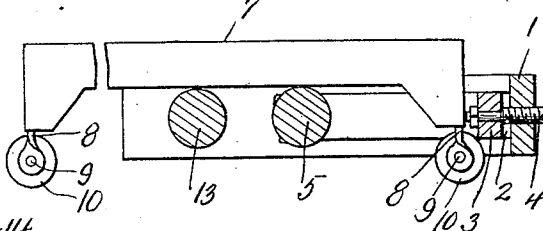


Fig. 4.



Witnesses

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UNITED STATES PATENT OFFICE.

DANIEL KRAPF AND JOHN F. SACHS, OF MILLVALE, PENNSYLVANIA.

DOUGH-ROLLING DEVICE.

943,423.

Specification of Letters Patent.

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To all whom it may concern:

Be it known that we, DANIEL KRAPF, a subject of the Emperor of Germany, and JOHN F. SACHS, a citizen of the United States of America, residing at Millvale, in the county of Allegheny and State of Pennsylvania, have invented certain new and useful Improvements in Dough-Rolling Devices, of which the following is a specification, reference being had therein to the accompanying drawing.

This invention relates to a dough rolling machine, and the objects of the invention are, first, to provide a machine by which dough can be quickly flattened or rolled to any desired thickness; second, to provide a simple and inexpensive machine easily operated and adjusted to flatten a batch of dough; and third, to provide a machine that can be folded to occupy a comparatively small space when not in use.

The above objects are attained by a machine that will be presently described in detail and claimed, reference being had to the drawing wherein there is illustrated a preferred embodiment of the invention, but it is to be understood that the details of construction can be varied or changed without departing from the spirit or scope of the invention.

In the drawings, Figure 1 is a side elevation of the machine partly broken away and partly in section, Fig. 2 is a longitudinal sectional view of the same, Fig. 3 is an end view of the machine partly broken away and partly in section, and Fig. 4 is an elevation of the machine folded or collapsed, and partly broken away and partly in section.

In the drawings, the reference numeral 1 denotes a housing having the confronting sides thereof provided with vertical guide grooves 2, for the arms of an inverted U-shape yoke 3, said yoke being adjusted in said grooves by a vertical screw 4 which is connected at its lower end to the top of the yoke 5 and threaded in the top of the housing 1.

5 designates a flattening roll journaled in

the lower ends of the vertical arms of the yoke 3.

The housing 1 is suitably secured to a table 6 or a similar support and adapted to slide upon the table 6 beneath the flattening roll 5 is a board or platform 7 which is supported upon a series of rollers or wheels 10 carried by the axles 9 journaled in the lower ends of brackets 8 which are secured to and depend from the lower face of the board or platform 7 and depending from the side edges of the latter are longitudinally extending racks 11 adapted to mesh with pinions 12 mounted upon the ends of a roller 13 having spindles 14 revolubly mounted in the housing 1. One of the spindles is extended and provided with a rectangular portion 15 for a detachable crank 16 by which the roller 13 is revolved to shift the board or platform 7 back and forth in the housing 1 beneath the roller 5.

Since it is desirable to lubricate the racks 11 and the pinions 12, the end edges of the board or platform 7 are provided with plates 17, extending downwardly a sufficient distance to prevent a lubricant from working its way upon the board or platform 7 and ruining the board for the purposes for which it is intended.

It is apparent that when the crank 16 is turned first in one direction and then in another that the board or platform 7 with a batch of dough thereon will be reciprocated upon the table 6 and the dough flattened as well as reduced to a thickness corresponding to the distance between the top of the board 7 and the periphery of the flattening roll 5. The board or platform 7 corresponds to a truck, and by moving the same whereby one end is in proximity to the roller 13, the housing 1 can be lowered to a horizontal position, as shown in Fig. 4, whereby the housing and truck will occupy a comparatively small space when in use.

Having now described our invention, what we claim as new, is;—

A dough rolling machine comprising a housing provided with vertical grooves, an inverted U-shape yoke having the arms

therein positioned in said grooves, a roller
 journaled in the lower ends of said arms, a
 reciprocatory platform extending through
 the housing, rollers for supporting the
 5 platform, racks carried by the platform,
 rotatable means engaging with said racks
 for reciprocating the platform, an adjusting
 screw threaded in the housing and connected
 to the yoke for adjusting the latter and
 10 maintaining it in its adjusted position, and

a lubricant arresting means carried at each
 end of the platform.

In testimony whereof we affix our signatures in the presence of two witnesses.

DANIEL KRAPF.
JOHN F. SACHS.

Witnesses:

A. J. TRIGG,
K. H. BUTLER.