

$f'$  and is secured by the hook  $d^2$ . The part A', with the receiver D, is provided with a closely-fitting cover, H, to exclude dust therefrom, and when a charge of dough is introduced it is kept clean during its passage through the rolls.

The operation of the device is as follows: Remove the cover and fill the receiver D with dough, then replace the cover and revolve the crank toward the rear and the dough will be drawn between the corrugated rolls B and B', and the lower or plain rollers G and G', and be thoroughly kneaded and rolled, and fall into the receptacle below in a continuous sheet or ribbon, whence it can be removed by opening the door F, and the operation can be repeated as often as desired, though one passage through the rolls is generally sufficient, as the pressure can be regulated by the screws C, while the elastic plates keep the rolls always in contact.

The machine is supported on rests or feet G<sup>2</sup>, which may stand on a table or other surface, or be attached thereto by screws  $g$ , passing through openings in the rests.

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

1. A dough kneader and roller consisting of a wooden case or box containing a pair of corrugated intermeshing metallic cylinders or rolls journaled in its ends, one being immov-

able laterally and provided with a crank to actuate the device and the other being movable, and a pair of plain rollers connected with one of the corrugated rolls by a belt, the case being divided on the axial line of said rolls into two parts, the upper of which is provided with a hopper to receive the dough and deliver it to the rolls, and the lower forms a receptacle for the treated dough, all as described.

2. In a dough kneader and roller, the combination of the case A, the corrugated cylinders or rolls B B', the plain rollers G G', the belt  $e$ , the crank  $b$ , and the receptacle E, all as described.

3. In a dough kneader and roller, the combination of the hinged part A', containing the receiver D, the dough-receptacle E, the intermeshing corrugated cylinders B B', the plain rollers G G', the belt-connection  $e$ , the regulating-screws C, the elastic plates  $f$ , the movable bearings  $c'$ , with the case A, provided with the door F, and the cover H, all substantially as shown and described.

In testimony whereof I affix my signature in presence of two witnesses.

JUDY W. <sup>her</sup> X REED.  
mark.

Witnesses:

LEWIS MCKENZIE,  
JOHN AMBLER SMITH.