

No. 665,066.

Patented Jan. 1, 1901.

C. H. COOLEY.
BREAD CUTTING APPARATUS.
(Application filed June 2, 1900.)

(No Model.)

Fig. 1

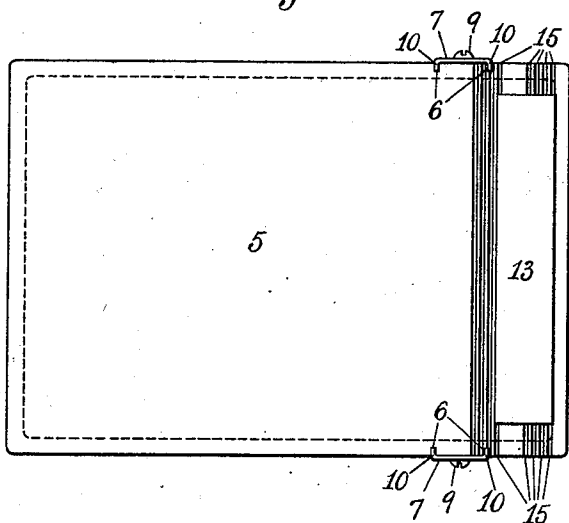


Fig. 3

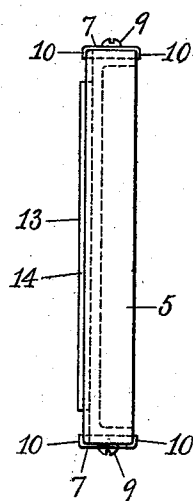
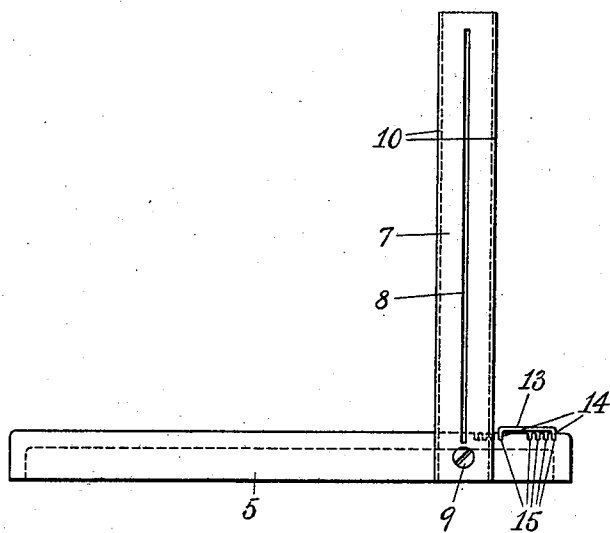


Fig. 2



Witnesses:
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UNITED STATES PATENT OFFICE.

CHARLES H. COOLEY, OF HARTFORD, CONNECTICUT.

BREAD-CUTTING APPARATUS.

SPECIFICATION forming part of Letters Patent No. 665,066, dated January 1, 1901.

Application filed June 2, 1900. Serial No. 18,801. (No model.)

To all whom it may concern:

Be it known that I, CHARLES H. COOLEY, a citizen of the United States of America, and a resident of Hartford, in the county of Hartford, State of Connecticut, have invented certain new and useful Improvements in Bread-Cutting Apparatus, of which the following is a specification.

One object of this invention is to provide an improved apparatus whereby even an unskilled domestic may be enabled to cut loaves of bread into uniform slices of any required thickness with an ordinary bread-knife.

A further object of this invention is to provide a construction that will permit the apparatus to be folded into a very compact form for packing and mailing and which when set up shall be practically as firm and rigid as an integral structure.

Figure 1 of the drawings is a plan view, and Fig. 2 is a side view projected therefrom, representing this apparatus in its set-up condition ready for use. Fig. 3 is a front end view projected from Fig. 1, excepting that the guiding uprights are in this figure shown to be folded down, thus representing the apparatus in its most compact form for packing or mailing.

The base 5 is preferably made of wood and is provided at its opposite edges with the vertical grooves 6. The uprights 7, which are preferably of metal, are provided with longitudinal slots 8 of a suitable width for guiding an ordinary bread-knife, and these uprights are fastened to the base by means of the screw 9. The uprights 7 are, moreover, provided with the longitudinal flanges 10, which fit snugly into the grooves 6 of the base, and thereby hold the uprights rigidly in their vertical position when the screws 9 are tightened. These flanges also impart lateral stiffness to the uprights, besides leaving the outer sides of the apparatus smooth and free from sharp points, thereby improving its general appearance.

The gage 13 is preferably of metal, provided with longitudinal flanges 14, similar to those of the uprights. In fact, the gage is for convenience and economy of manufacture preferably made of exactly the same cross-sectional form and size as the uprights, ex-

cepting as to the slot 8. The upper surface of the base is provided near its forward end with a series of cross-grooves 15, arranged in pairs to receive the flanges 14 of the gage. These grooves are located at a distance from the plane of the vertical slots 8 of the uprights suitable for the various thicknesses of which the slices are to be made. The gage is readily transferred from one pair of grooves to another, being held in place sufficiently well by the snugness of its fit in the grooves, being, however, readily lifted therefrom by the point of the bread-knife.

In order to adapt this apparatus to be folded in its most compact form for packing and shipment, the base 5 is made of a thickness substantially equal to the distance between the flanges 10 of the uprights. Then by loosening the screws 9 far enough to allow the flanges 10 to be withdrawn from the grooves 6 the uprights may be folded down to the position shown in Fig. 3, the flanges embracing the edges of the base, in which position it is securely held by again tightening the screws 9. The purchaser has only to reverse this process in order to set the apparatus up firmly in condition for use.

I claim as my invention—

1. The combination of the base 5, provided on its edges with the oppositely-disposed pairs of vertical grooves 6, and a pair of uprights detachably secured to the base and provided with flanges 10, for fitting in the said grooves, the distance between the said flanges and grooves, being substantially equal in thickness to the base, for the purpose specified.

2. The combination of a base formed with a series of parallel cross-grooves in its upper surface, and in its opposite lateral edges, a pair of detachable flanged uprights adapted to be secured either in said vertical grooves or in a position embracing the edges of the base, and a flanged gage adapted to fit in the surface cross-grooves.

Signed at Hartford, Connecticut, this 28th day of May, 1900.

C. H. COOLEY.

Witnesses:

WM. H. HONISS,
H. MALLNER.