

J. W. CURRIER.  
Improvement in Bread-Slicers.

No. 114,930.

Patented May 16, 1871.

FIG. 1

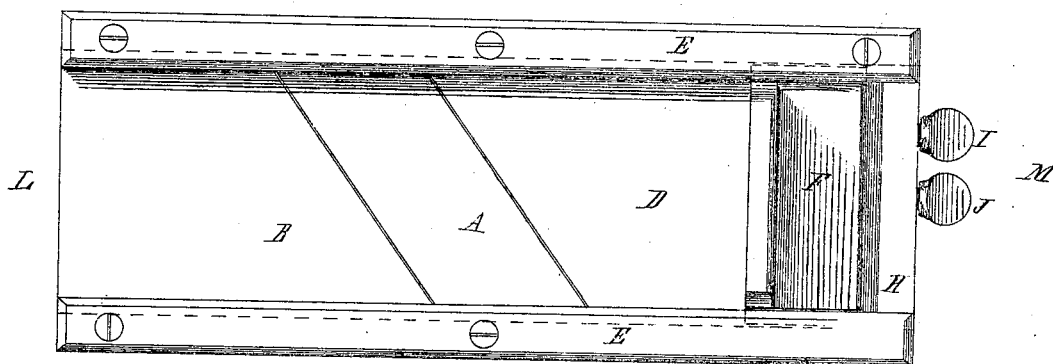
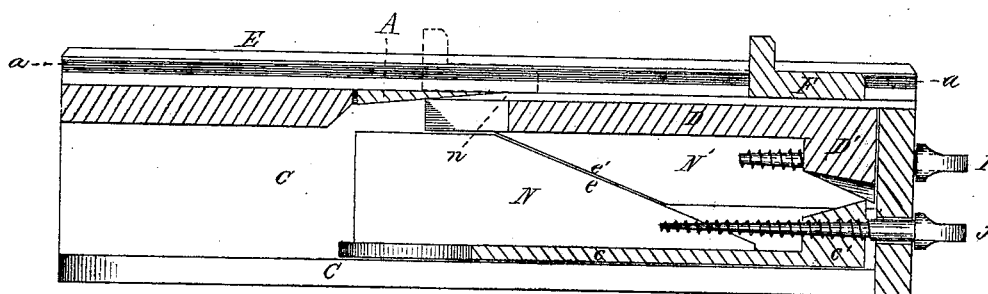


FIG. 2



Witnesses.

Charles Buckland.

W. A. Fuller

John W. Currier.

Inventor.

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his attorney

# United States Patent Office.

JOHN W. CURRIER, OF SPRINGFIELD, MASSACHUSETTS, ASSIGNOR TO  
HIMSELF AND JOHN W. LABAREE, OF SAME PLACE.

Letters Patent No. 114,930, dated May 16, 1871.

## IMPROVEMENT IN BREAD-SLICERS.

The Schedule referred to in these Letters Patent and making part of the same.

### *To all whom it may concern :*

Be it known that I, JOHN W. CURRIER, of Springfield, in the county of Hampden and State of Massachusetts, have invented a new and useful improved Bread-Slicer; and I do hereby declare that the following is a full, clear, and exact description thereof, reference being had to the accompanying drawing making a part of this specification, and to the letters of reference marked thereon, in which—

Figure 1 is a plan view of my invention, and

Figure 2 is a vertical longitudinal section through line L M of fig. 1.

My invention relates to a device for slicing bread and other articles; and

It consists of a box within which slide, longitudinally, two horizontal pieces, upon which are secured two inclined pieces, one to each horizontal piece, and they are so arranged that the lower piece, with its incline, being moved and set in any position, the upper one is raised or lowered, as the case may be, the upper one, which is the platform upon which the bread moves to the knife, operating or moving only in a vertical direction, and the lower incline operating as a wedge to raise or lower the upper incline and platform.

The platform is secured at any desired elevation, to make either a thick or thin slice, by a clamp-screw, while another screw moves the lower incline longitudinally to get the desired elevation of the platform before it is clamped by the screw.

The knife is set obliquely across the box, in front of the platform, and two pieces are secured longitudinally on top, one on each side, said pieces having grooves or channels therein, in which moves a follower, which pushes up the bread when cut, the follower being operated or moved to and fro by the hand.

That others skilled in the art may be able to make and use my invention, I will proceed to describe its construction and operation.

In the drawing—

Fig. 2 represents a rectangular-shaped box having bottom and sides, C, and with the knife A set and secured across the top in an oblique direction.

At one end is fixed the permanent platform, B, the top of which is upon the same plane as the top of the knife A.

Upon the bottom of the box is the piece c, which is made to move longitudinally on the bottom, and to this piece c is secured the piece N, having the incline e thereon, and also secured to the end the piece c', through which operates the screw J, to move said piece c in a longitudinal direction.

The piece D is a vertically moving platform, and has a piece, N', secured thereto, upon which is the inclined edge e', corresponding with the other inclined edge e, and a piece, D', is also secured to the end of the platform B, through which operates the screw I to clamp the platform B in any desired position, making it more firm.

Two longitudinal strips, E, having the grooves or channels a therein, are secured to the top of the box, and the follower F has a tongue at each end which fits well the groove a, in which it slides.

This follower has a vertical projection, F', on the front, which may be as high as desirable, and the pieces E, with the grooves a therein, and the follower F are so arranged that the bottom of the said follower is just above the level of the top of the knife.

The operation of the device is as follows:

The platform D is set to any desired height by unclamping the screw I and turning the screw J either in or out. If, in turning the screw J, it be pressed in, as it is termed, the screw will remain stationary, and the piece c, with the piece N thereon, will be moved longitudinally, the inclined edge e impinging against the incline e', and either driving the platform up or permitting it to fall.

When adjusted to the desired height the screw I is turned in tightly, firmly clamping the platform in that position. The loaf is then placed upon the platform D, in front of the follower F, and if the follower be moved rapidly past the knife a slice will be cut from the loaf of a thickness corresponding with the thickness or depth of the aperture n, between the edge of the knife and the end of the platform D, the slice falling through said aperture, and also through another aperture in the bottom of the box; or they may fall into the box and then be taken out.

It will be seen that the plane of the knife and the plane of the top of the platform D are always horizontal and parallel, and the bread always is moved to the knife in a horizontal direction, so that a clean sharp cut may be made.

Having thus described my invention,

What I claim as new, and desire to secure by Letters Patent, is—

In an improved bread-slicer, the fixed horizontal knife A, and the movable platform D operated and adjusted to its position by means of the incline or wedge-shaped piece N, secured to the piece c, and actuated by the screw J, substantially as described.

Witnesses:

JOHN W. CURRIER.

T. A. CURTIS,  
CLARENCE BUCKLAND.