

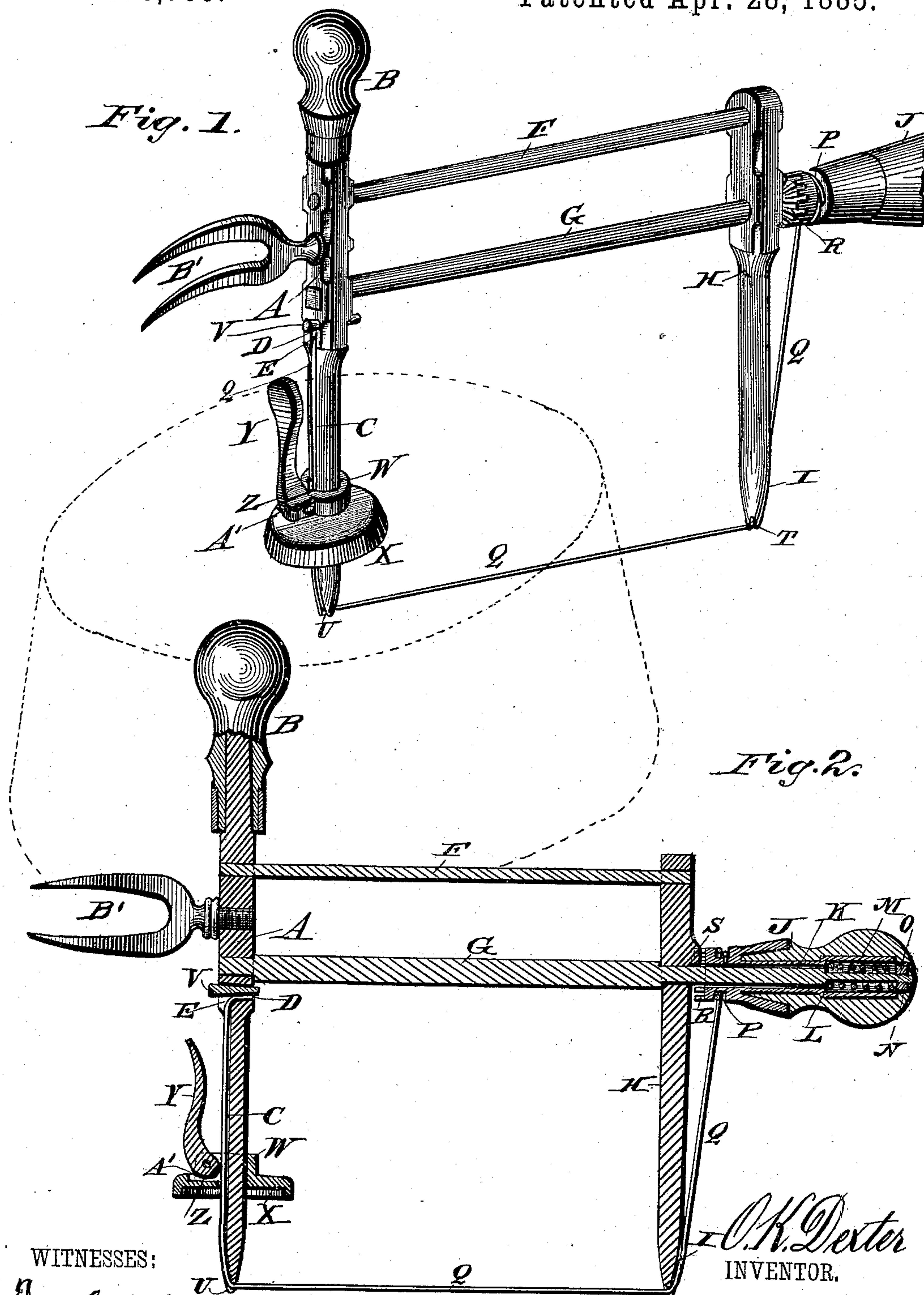
(No Model.)

O. K. DEXTER.

DEVICE FOR CUTTING BUTTER.

No. 316,759.

Patented Apr. 28, 1885.



WITNESSES:

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# UNITED STATES PATENT OFFICE.

OREL K. DEXTER, OF LOWELL, MASSACHUSETTS, ASSIGNOR OF ONE-HALF  
TO C. L. SIMPSON, OF SAME PLACE.

## DEVICE FOR CUTTING BUTTER.

SPECIFICATION forming part of Letters Patent No. 316,759, dated April 28, 1885.

Application filed December 22, 1884. (No model.)

*To all whom it may concern:*

Be it known that I, OREL K. DEXTER, a citizen of the United States, and a resident of Lowell, in the county of Middlesex and State of Massachusetts, have invented certain new and useful Improvements in Devices for Cutting Butter; and I do hereby declare that the following is a full, clear, and exact description of the invention, which will enable others skilled in the art to which it appertains to make and use the same, reference being had to the accompanying drawings, which form a part of this specification, and in which—

Figure 1 is a perspective view of my improved device for cutting butter, and Fig. 2 is a longitudinal section of the same.

Similar letters of reference indicate corresponding parts in both the figures.

My invention has relation to devices for cutting butter, and more especially for cutting tub-butter; and it consists in the improved construction and combination of parts of the same, as hereinafter more fully described and claimed.

In the accompanying drawings, the letter *a* indicates the central rod of the device, which rod is provided at its upper end with a handle, *B*, and has a longitudinal groove, *C*, extending from the lower end of the rod to a transverse perforation, *D*, into the lower side of which the groove extends, as shown at *E*.

Two parallel brace-bars, *F* and *G*, extend laterally from the central rod, near the upper end of the same, and a rod, *H*, is secured to the ends of these bars, extending downward to the same length as the central rod, and this rod has a longitudinal groove, *I*, in its outer side, the grooves in the two rods being diametrically opposite to each other. The end of the lower bar, *G*, of the brace-bars extends through the rod *H*, and has a handle, *J*, turning upon it. This handle has a longitudinal perforation, *K*, formed with a shoulder, *L*, facing outward, and a spiral spring, *M*, is wrapped around the reduced outer end of the rod, bearing with its inner end against the shoulder in the perforation of the handle, and with its outer end against a round nut, *N*, fitting upon the screw-threaded end *O* of the bar.

The inner end of the handle is provided with an annular groove, *P*, in which a wire, *Q*, may be wound, the end of the said wire being in-

serted into a perforation in the groove and held in place by the coils of wire wrapped over it, and for the purpose of preventing the handle from turning under the tension of the wire the innermost end of the handle has a number of radiating grooves, *R*, which are engaged by a projecting flat lug or lip, *S*, upon the outer side of the rod *H*, the spiral spring in the handle forcing the notches or grooves against the lip, while the handle may be pulled slightly out against the pressure of the spring so as to disengage the lip, when the handle may be turned and the wire wound upon the same. The wire passes from the handle downward to the point of rod *H*, resting in the groove, and at the point of the rod it rests in a notch, *T*, and passes over to the notch *U* in the end of the central rod, resting in the said notch and passing upward in the groove of the central rod until it is passed into the transverse perforation in this central rod, the end of the wire being bent and resting in the groove in the perforation, where it is retained by a plug, *V*, which fits in the perforation, the plug and perforation being both tapering.

A gage consisting of a sleeve, *W*, terminating in a disk, *X*, at its lower end, slides upon the central rod, and a cam-lever, *Y*, is pivoted with its eccentric inner end, *Z*, in a slot, *A'*, in the sleeve, having its handle projecting upward, and bearing with the eccentric inner end against the rod when the handle is pressed against the rod, the said cam-lever serving to adjust the gage upon the rod.

A fork, *B'*, projects from the central rod nearly opposite to the turning-handle.

When the device is to be used, the tub containing the butter is reversed and the butter slipped out of the tub by raising the same, when the central rod is inserted in the center of the body of butter, the gage governing the depth of insertion, and consequently the thickness of the layer of butter cut off, and by turning the device by the turning-handle, using the central rod as a center, the wire will cut off a disk of butter of an even thickness, which may be subdivided as desired, when the pieces of butter may be removed with the fork and a new disk cut off, and so forth.

Having thus described my invention, I claim and desire to secure by Letters Patent of the United States—



1. In a device for cutting butter, the combination of a central rod having a handle at its upper end and a longitudinal groove extending from a notch in the lower end, a rod secured parallel to the central rod at a distance from the same, and having a longitudinal groove terminating in a notch at its lower end, a wire secured to the central rod passing down through the groove and in the notch, extending to the notch in the outer rod and resting in the groove in the said rod, and means, substantially as described, for securing the ends of the wire and for tightening the same, as and for the purpose shown and set forth.

2. The combination of the central rod having the transverse tapering perforation and the longitudinal groove extending from within the said perforation to the notch in the lower end of the rod, the brace-bar projecting from the central bar and having the reduced and screw-threaded end, the outer rod secured to the brace-bar near its reduced end parallel with the central rod, and having the longitudinal groove and the notch at its end, and hav-

ing the flat lip at the point of connection with the brace-bar, the handle turning upon the end of the brace-bar having the radially-notched inner end and having the recessed or shouldered perforation, the spiral spring fitting around the reduced end of the brace-bar within the bore of the handle, the nut confining the said spring, the wire secured at one end to the inner end of the handle and wrapped around the same, passing down in the groove of the outer rod, extending from the notch of the said rod to the notch of the central rod, passing up in the groove of the said rod, and fitting with its end in the groove in the tapering perforation, and the plug fitting in the tapering perforation, as and for the purpose shown and set forth.

In testimony that I claim the foregoing as my own I have hereunto affixed my signature in presence of two witnesses.

OREL K. DEXTER.

Witnesses:

SAMUEL B. WYMAN,  
GEO. M. WARD.