S. M. OHMART.

DEVICE FOR CUTTING NOODLES.

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951,331. Patented Mar. 8, 1910.

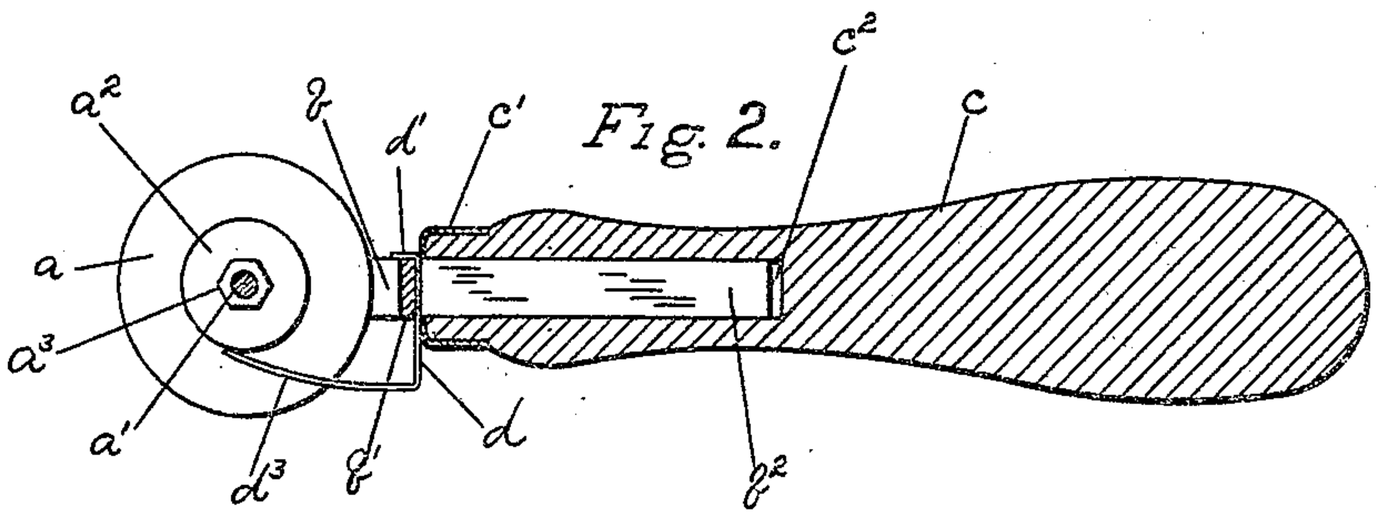

Fig. 2.

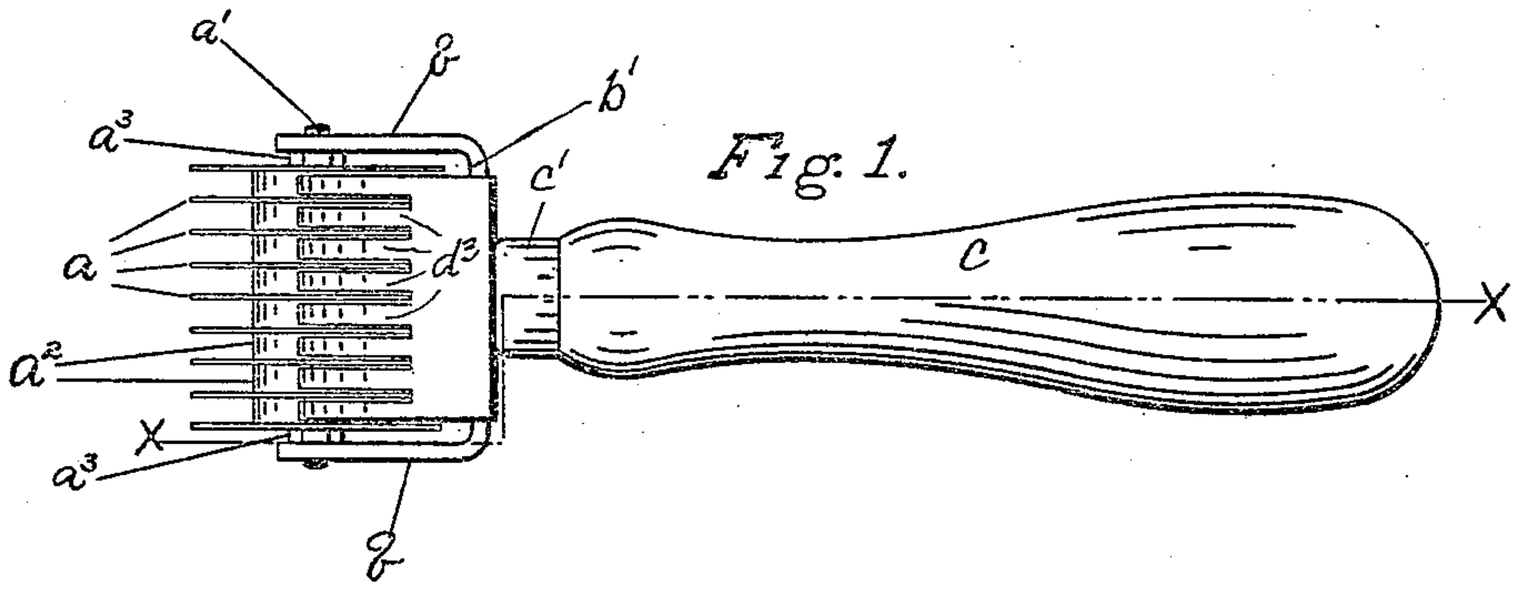

Fig. 1.

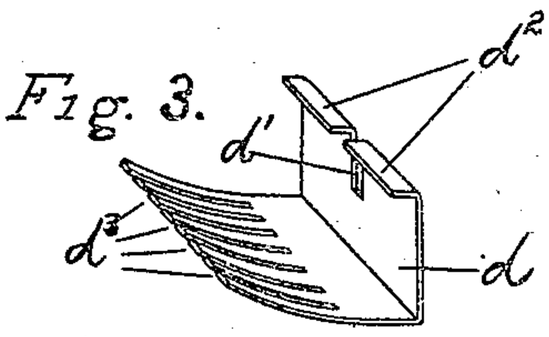

Fig. 3.

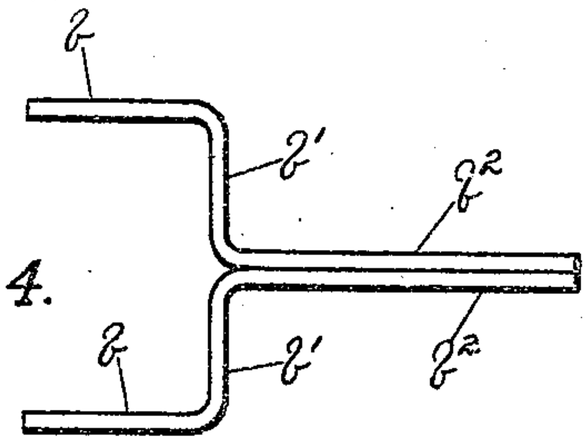

Fig. 4.

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UNITED STATES PATENT OFFICE.

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DEVICE FOR CUTTING NOODLES.

951,331. Specification of Letters Patent. Patented Mar. 8, 1910.

Application filed June 29, 1909. Serial No. 505,104.

To all whom it may concern:

Be it known that I, SAMUEL M. OHMART, a citizen of the United States, residing at Dayton, in the county of Montgomery and State of Ohio, have invented certain new and useful Improvements in Devices for Cutting Noodles, of which the following is a specification.

My invention relates to improvements in devices for cutting dough into narrow strips for noodles, commonly known as noodle cutters.

An object of the invention is to provide an efficient device for preventing the dough from wrapping about the cutting disks or being carried up thereby, and thereby prevent clogging of the device in operation.

A further object is to provide for readily taking the device apart for cleaning purposes and for again readily assembling the same.

A further object of the invention is to simplify and cheapen the construction of devices of this kind, as well as make more effective the operation thereof.

The invention consists in the constructions and combinations of parts hereinafter described and set forth in the claims.

In the accompanying drawings, Figure 1 is a bottom plan view of a device embodying the invention. Fig. 2 is a longitudinal sectional view on the line x—x of Fig. 1. Fig. 3 is a perspective view of the guard or guide for the dough. Fig. 4 is a detail of the frame.

Like parts are represented by similar characters of reference in the several views.

In the said drawings, a represents a series of cutting disks, such as are commonly employed in devices of this kind. In my improved device I mount these disks upon a shaft, a^1, with a series of spacing washers, a^2, between the disks, and clamp the entire series of disks and washers securely on said shaft by nuts, a^3; the ends of the shaft being screw-threaded to receive the nuts. The ends of the shaft are extended beyond the respective nuts and journaled in the forwardly-extending side arms, b, of the frame of the device, which is formed in two parts. As shown at b^1, the parts of the frame are bent inwardly until they meet and then bent rearwardly and lie adjacent each other as shown at b^2; the parts b^2 being extended into the socket c^2 of a handle c, which preferably has a ferrule at its forward end as indicated at c^1. The frame parts fit the socket tightly so that the handle serves to hold the parts of the frame together, but the handle is capable of being removed from said frame portions when desired.

d represents what I will call the main body portion of the guard or guide, which is clamped between the forward end of the handle and the frame parts b^1. The body, d, has a central slot, d^1, to accommodate the rearwardly-extending portions, b^2, of the frame, and its upper edge is bent to form forwardly-extending flanges, d^2, which extend over the top of the frame portions, b^1, and assist in retaining the guard in position. The body portion, d, is extended downwardly to a point well below the frame and forward part of the handle, as shown in Fig. 2, and its lower edge is bent forward and divided into a series of guard fingers, d^3, which are curved forwardly and upwardly until they rest against the washers, a^2, between the disks.

While prior devices of this kind have employed guards or guides for the dough after being cut, yet their construction and operation have been such as to render them inefficient for the purpose for the reason that these guides or guards are either extended upwardly toward the frame and handle or are extended rearwardly substantially in a line with the center of the cutting disks. In my device, by having the guard or guide terminate at a point well below the frame and forward parts of the handle, it has been found in practice that all tendency of the strips of dough to follow the disks or stick to the frame or handle of the device is entirely obviated.

By the construction described, it will be seen that the device may be very quickly and easily taken apart for cleaning and again assembled without use of tools other than perhaps a wrench for turning the nuts. After the handle is removed, which it may be by simply pulling it from the frame parts b^2, the guard portion may be readily slipped from position and the two parts of the frame likewise removed. This will be ordinarily sufficient for cleaning purposes,

but if desired the disks and washers may be removed from the shaft by unscrewing the nuts.

Having thus described my invention, I claim:—

1. In a device of the character described, a two-part frame, a shaft journaled in said frame, cutting disks on said shaft, a handle secured to said frame and adapted to hold the parts thereof together, and a downwardly extending plate clamped between said frame and the end of said handle, and projecting below said frame and handle, the lower end of said plate having forwardly projecting guard fingers extending between the respective disks, substantially as specified.

2. In a device of the character described, a two-part frame, a shaft journaled in said frame, rotary cutting disks on said shaft, spacing washers also on said shaft between the respective disks, a handle secured to said frame and adapted to clamp the parts thereof together, and a downwardly projecting plate clamped between the frame parts and said handle and projecting below said frame and handle, the lower end of said plate having forwardly projecting fingers projecting between the respective disks and in proximity to the said washers, substantially as specified.

3. In a device of the character described, a two-part frame, a rotary shaft journaled in said frame, cutting disks and spacing washers clamped to said shaft, the respective parts of said frame having rearwardly extending portions, a socketed handle on said rearwardly extending portions adapted to hold the parts of said frame together, a downwardly extending plate clamped between said frame portions and said handle and projecting below said frame and handle, and guard fingers extending from the lower end of said plate forwardly between said disks and against said washers, substantially as specified.

4. In a device of the character described, a shaft, a series of cutting disks and spacing washers on said shaft; a two part frame, said frame consisting of side portions in which said shaft is journaled and rearwardly-extending portions lying adjacent each other; a removable handle on said rearwardly-extending portions of said frame and adapted to hold the parts of said frame together, and a removable guard clamped between said frame and handle and projecting below said frame, substantially as and for the purpose specified.

5. In a device of the character described, a shaft, a series of cutting disks and spacing washers clamped together on said shaft; a two-part frame in which said shaft is journaled, extending portions on said frame adapted to be received by a socketed handle to hold said frame parts together, and a removable guard extending between the respective disks and being clamped between said handle and frame and projecting below said frame, substantially as and for the purpose specified.

6. In a device of the character described, a two-part frame, each part of said frame consisting of the side portions, b, transverse portions b^1 and rearwardly extending portions, b^2, a shaft journaled in said side portions, cutting disks and spacing washers clamped on said shaft, a handle having a socket to receive said rearwardly extending portions b^2 of said frame, a guard consisting of the plate, d, extending below said frame and clamped between said frame portions b^1 and the end of said handle and having the flanges d^2 extending over the tops of said frame portions b^1, and also having the forwardly extending fingers d^3 projecting between the respective disks and in proximity to the spacing washers, substantially as and for the purpose specified.

In testimony whereof, I have hereunto set my hand this 25 day of June, 1909.

SAMUEL M. OHMART.

Witnesses:
D. H. Terry,
P. J. Wortman.