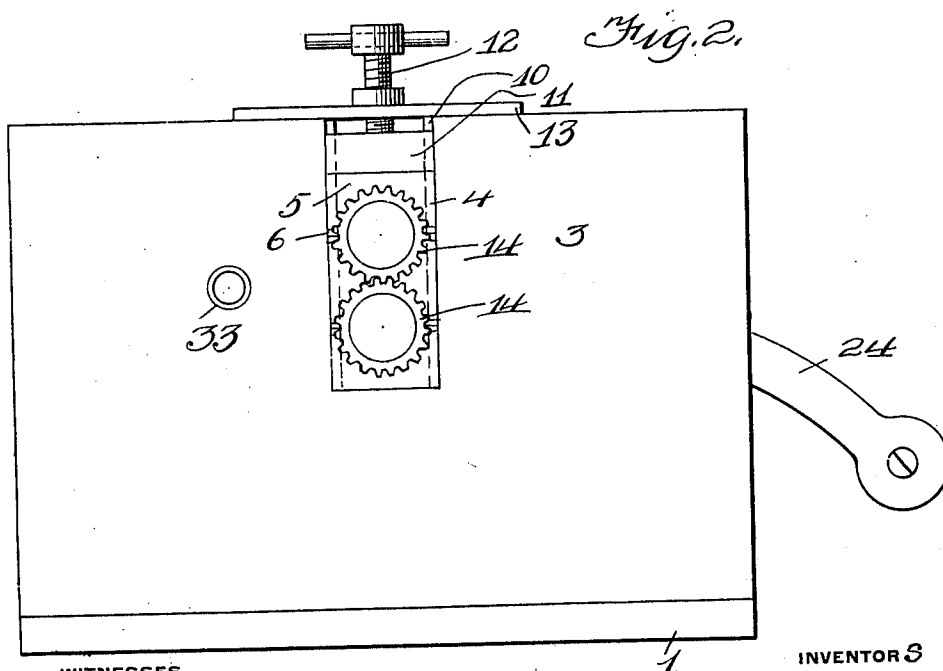
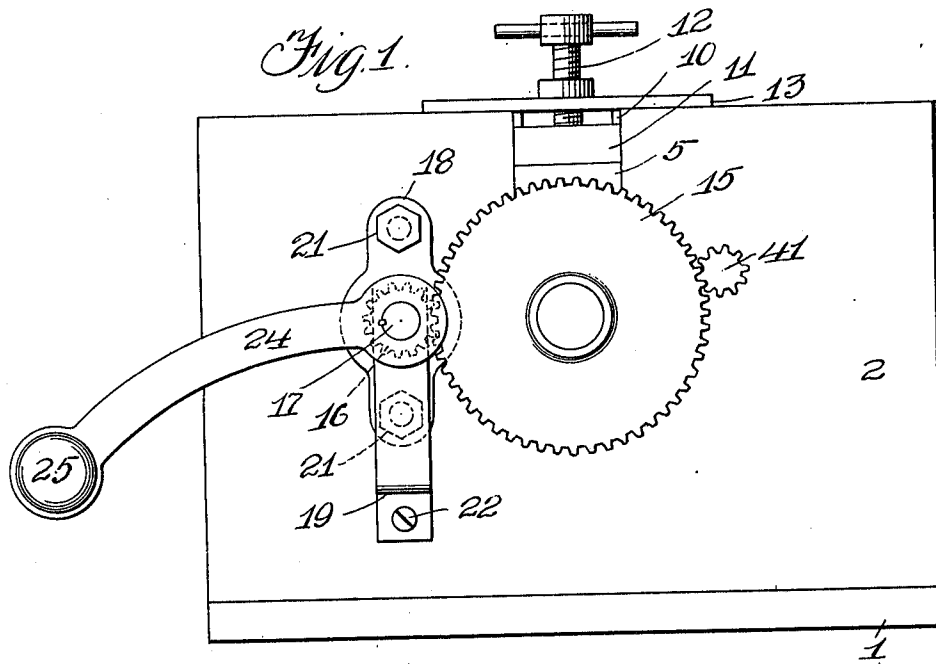


A. GAWENDA & L. MARKO.
 NOODLE CUTTING DEVICE.
 APPLICATION FILED JUNE 28, 1910.

992,188.

Patented May 16, 1911.
 3 SHEETS—SHEET 1.



WITNESSES
Samuel Payne
R. A. Butler

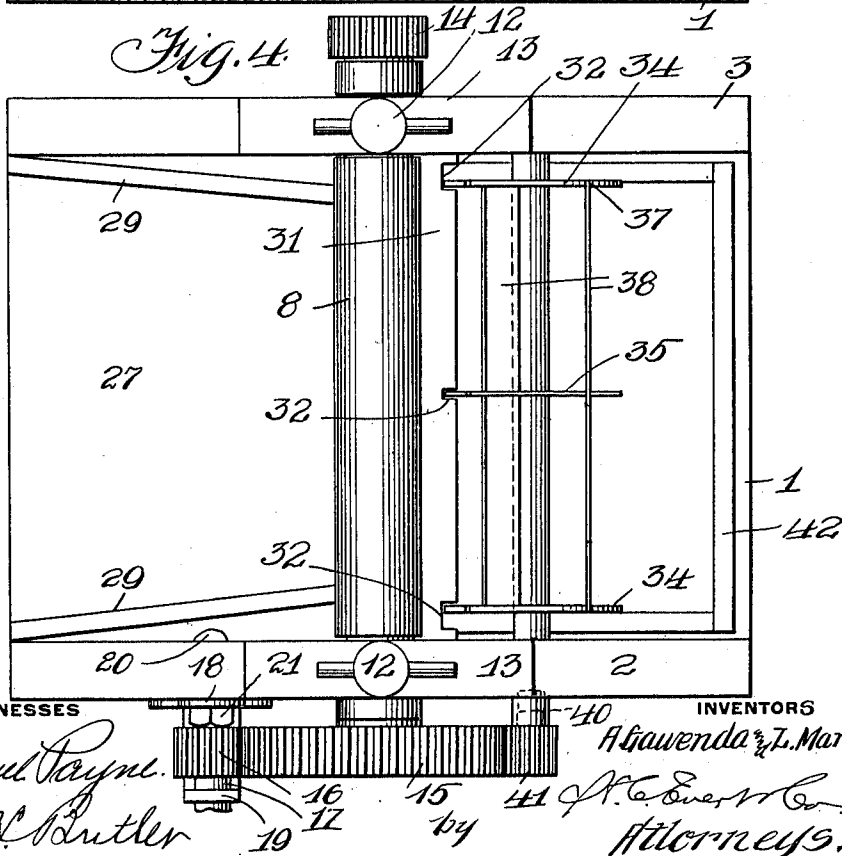
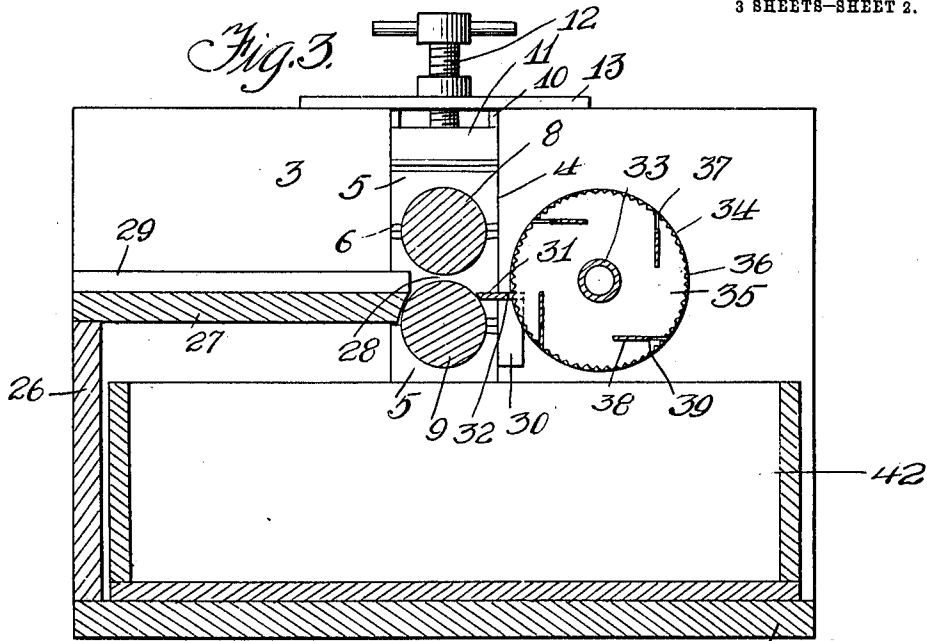
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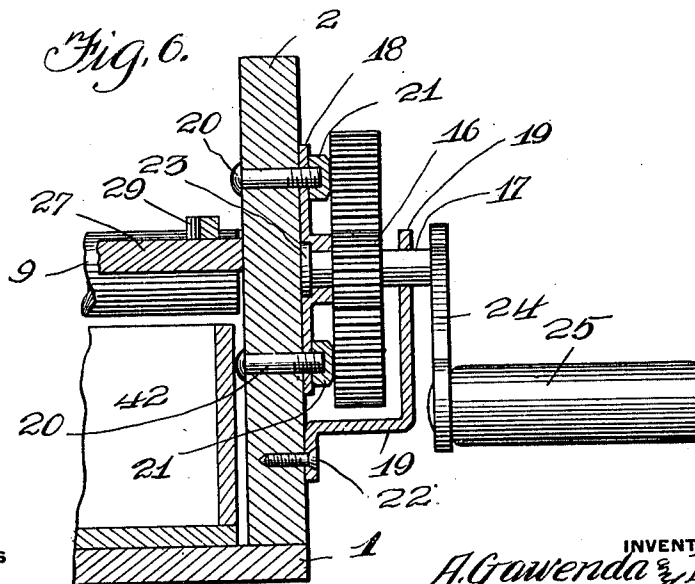
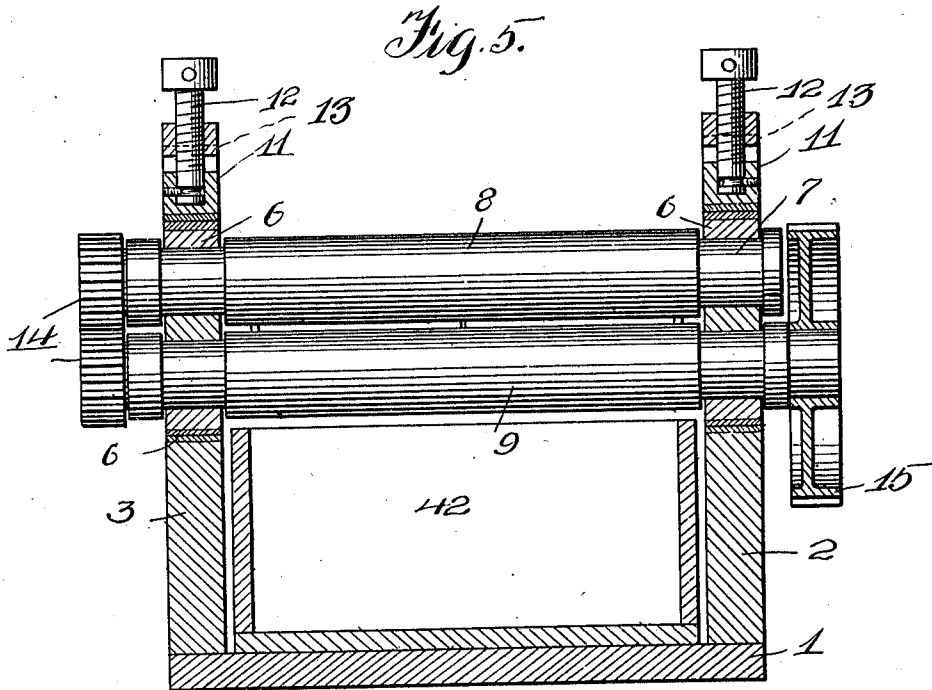


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3 SHEETS—SHEET 3.



WITNESSES

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R. K. Butler

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UNITED STATES PATENT OFFICE.

ANTON GAWENDA AND LOUIS MARKO, OF BERWICK, PENNSYLVANIA.

NOODLE-CUTTING DEVICE.

992,188.

Specification of Letters Patent.

Patented May 16, 1911.

Application filed June 28, 1910. Serial No. 569,280.

To all whom it may concern:

Be it known that we, ANTON GAWENDA and LOUIS MARKO, subjects of the King of Hungary, residing at Berwick, in the county of Columbia and State of Pennsylvania, have invented certain new and useful Improvements in Noodle-Cutting Devices, of which the following is a specification, reference being had therein to the accompanying drawing.

This invention relates to a noodle cutting machine, and the object of the invention is to provide a novel machine that can be easily and quickly operated for flattening and rolling dough and then cutting the same into strips or noodles of a predescribed length and width.

The above object is attained by a machine that is simple in construction, adjustable for obtaining noodles of various thicknesses, durable, and efficient for the purposes for which it is intended.

The invention will be hereinafter specifically described and then claimed, and reference will now be had to the drawings forming a part of this specification, wherein:

Figure 1 is an elevation of one side of the machine. Fig. 2 is an elevation of the opposite side. Fig. 3 is a longitudinal sectional view of the machine. Fig. 4 is a plan of the same. Fig. 5 is a vertical cross sectional view of the machine showing the rolls thereof, and Fig. 6 is a similar view of a portion of the machine showing part of the operating mechanism.

Like numerals of reference designate corresponding parts throughout the several views.

The reference numeral 1 denotes a bed plate and mounted upon said bed plate at the longitudinal edges thereof are side plates 2 and 3. These side plates intermediate the ends thereof are provided with vertical openings or windows 4 extending from a point approximately central of the side plates to the upper edges thereof. In the openings 4 are arranged bearing blocks 5 and fillers or brasses 6. Journaled in the brasses 6 are the necks 7 of transversely arranged rolls 8 and 9, the roll 8 being arranged above the roll 9. The brasses 6 and the bearing blocks 5 are adjustably retained within the openings 4 by guides 10 carried by the walls of the opening 4, and by blocks 11 to which are movably attached the lower ends of screws 12 adjustably mounted in

cross heads 13 mounted upon the upper edges of the side plates 2 and 3 and bridging the openings 4. The rolls 8 and 9 are journaled in the side plates 2 and 3 similar to rolls journaled in housings and used in the steel industry. The necks of the rolls 8 and 9 extend beyond the side plate 2 and are provided with meshing gear wheels 14, whereby said rolls will be moved in unison and revolved in opposite directions. The neck of the roll 9 extends beyond the side plate 2 and is provided with a large gear wheel 15. This gear wheel meshes with a small gear wheel 16 mounted upon a shaft 17 journaled in a bearing plate 18 and a bracket 19, carried by the outer side of the plate 2. The bearing plate 18 is secured to the side plate 2 by bolts 20 and nuts 21, and the bracket 19 is secured to the side plate by a screw 22. The shaft 17 has the inner end thereof provided with a head 23 to prevent displacement of said shaft, and mounted upon the outer end of the shaft is a crank 24 having a suitable handle 25.

Arranged between the side plates 2 and 3 at one end of the bed plate 1 is a vertical wall 26 and mounted upon the upper edge of this wall is the outer end of a platform 27, said platform being suitably connected to the confronting sides of the plates 2 and 3. The upper surface of the platform 27 is in a horizontal plane slightly below the pass 28 of the rolls 8 and 9, and upon said platform are arranged longitudinal guide strips 29 for guiding and confining dough upon the platform 27 whereby it can be fed into the pass 28.

The confronting sides of the plates 2 and 3 adjacent to the roll 9 and on the opposite side of said roll from the platform 27 are provided with supports 30 for a transversely arranged plate 31 having slots 32 formed in the front edge thereof.

Journaled in the plates 2 and 3 adjacent to the front edge of the plate 31 is a tubular shaft 33 and mounted upon said shaft between the plates 2 and 3 are circular heads 34 and 35, the heads 34 being arranged contiguous to the side plates 2 and 3, and the head 35 intermediate the heads 34. The head 35 is toothed or serrated to form a cutting edge, as at 36, and all of said heads are provided with equally spaced tangentially disposed slots 37. Mounted in the slots 37 and suitably retained therein are longitudinal cutting blades 38 having bev-

eled cutting edges 39. The slots 32 of the plate 31 are adapted to provide clearance for the heads 34 and 35. The end of the tubular shaft 33 extends through the plate 2
5 and in the open end of said shaft is mounted the spindle 40 of a small gear wheel 41 adapted to mesh with the large gear wheel 15.

Upon the bed plate 1 is placed a box or suitable receptacle 42 adapted to receive the
10 noodles from the plate 31.

Dough placed upon the platform 27 can be easily fed between the rolls 8 and 9 and flattened, and as the flattened dough passes from the rolls 8 and 9 it is cut by the blades
15 38 and dropped into the receptacle 42 in the form of noodles.

From the foregoing it will be observed that we have devised a novel machine for cutting noodles, embodying revoluble flattening rolls and revoluble cutting blades positioned to cut flattened dough as it leaves the flattening rolls.
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It is preferable to make the bed plate 1,

side plates 2 and 3, platform 27, and the receptacle 42 of wood while the remaining 25 parts are made of metal.

What we claim, is:

A machine of the type described embodying a bed plate, side plates, revoluble rolls adjustably mounted in said side plates, a 30 platform for feeding dough to the pass of said rolls, a slotted plate adapted to receive the rolled dough, heads mounted for rotation in said slotted plate, tangentially disposed blades carried by said heads and 35 adapted to sever the rolled dough into strips, and means for simultaneously revolving said rolls and said heads.

In testimony whereof we affix our signatures in the presence of two witnesses.

ANTON GAWENDA.
LOUIS MARKO.

Witnesses:

MINNIE WANICK,
WILBUR KLING.

Copies of this patent may be obtained for five cents each, by addressing the "Commissioner of Patents, Washington, D. C."
