

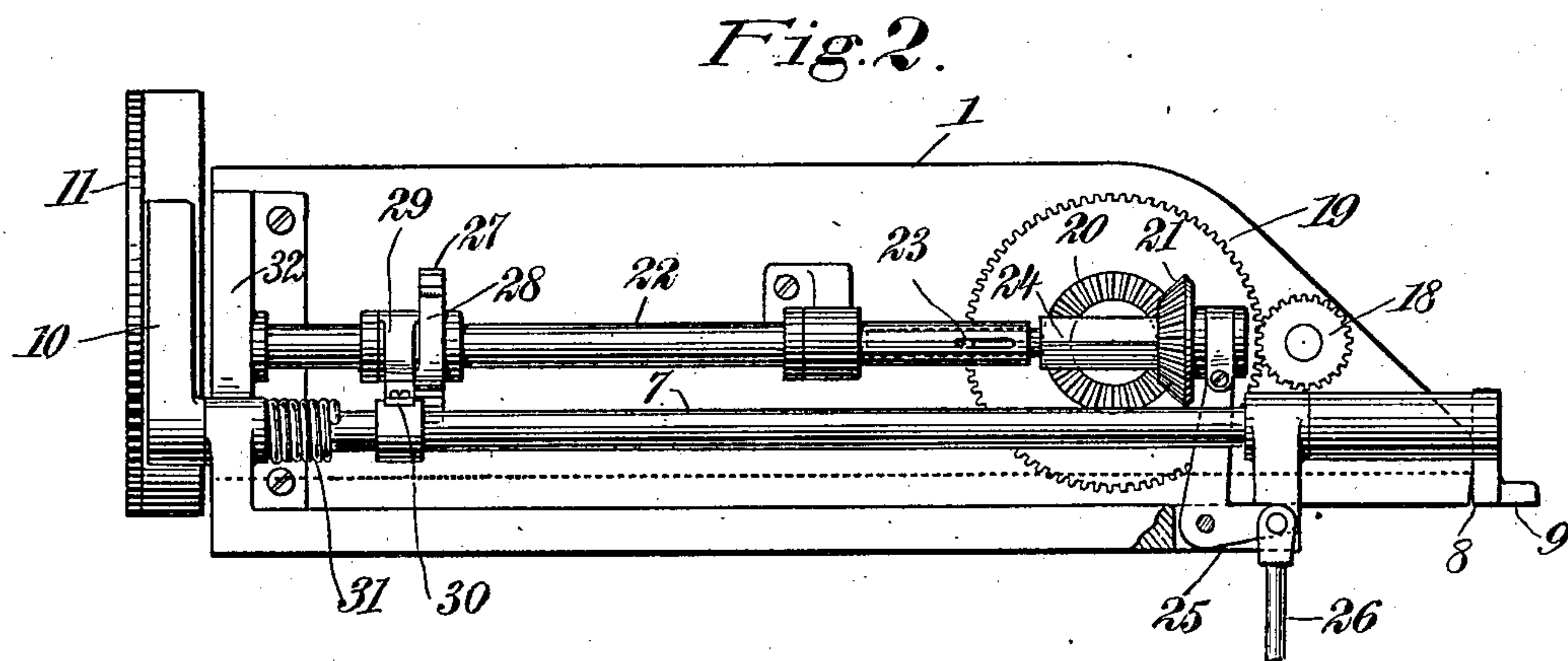
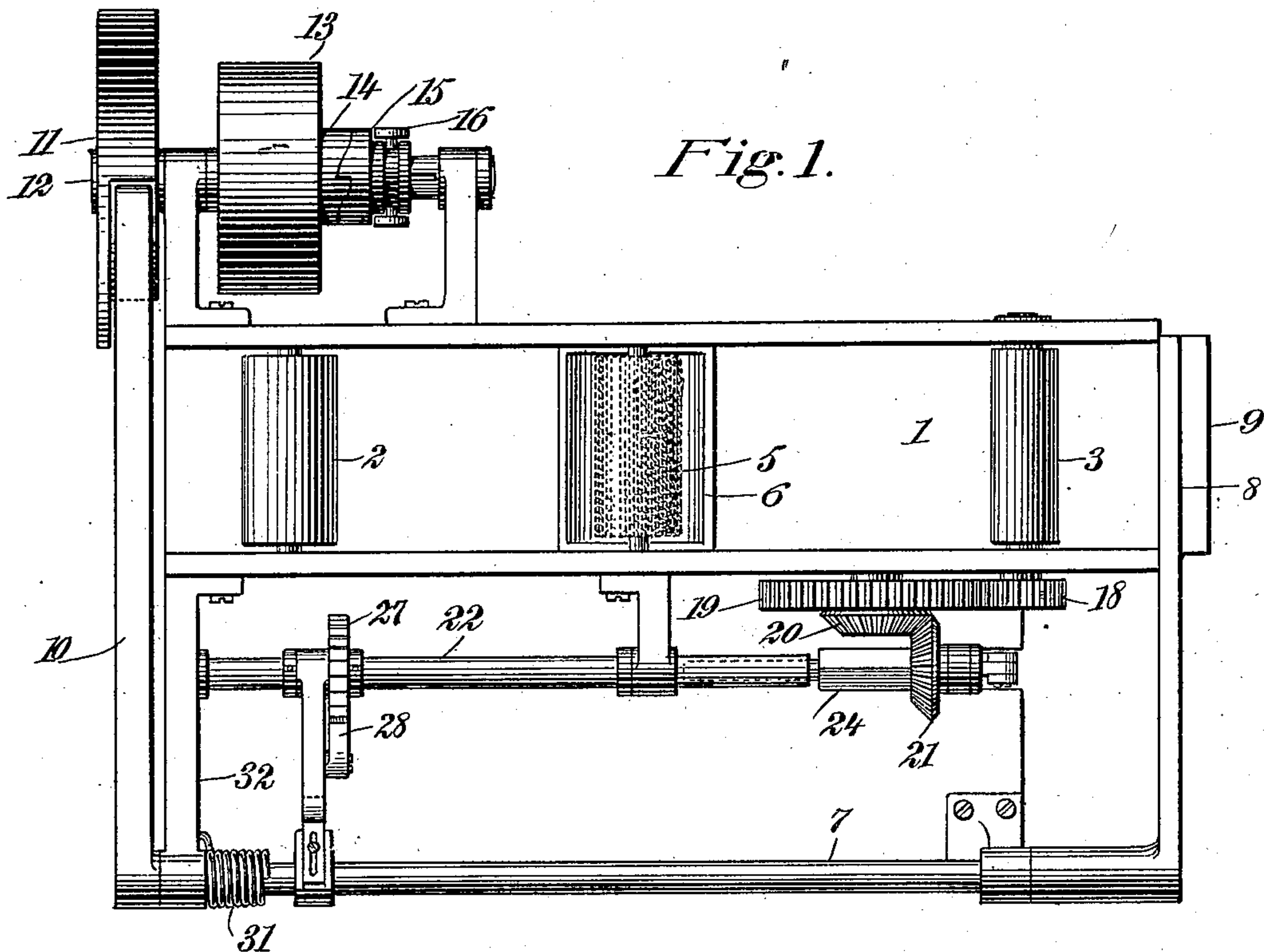
No. 722,969.

PATENTED MAR. 17, 1903.

H. L. GAY.
ADDRESSING MACHINE.
APPLICATION FILED OCT. 7, 1902.

NO MODEL.

2 SHEETS—SHEET 1.



WITNESSES:

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C. R. Ferguson

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ATTORNEYS.

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2 SHEETS—SHEET 2.

Fig. 3.

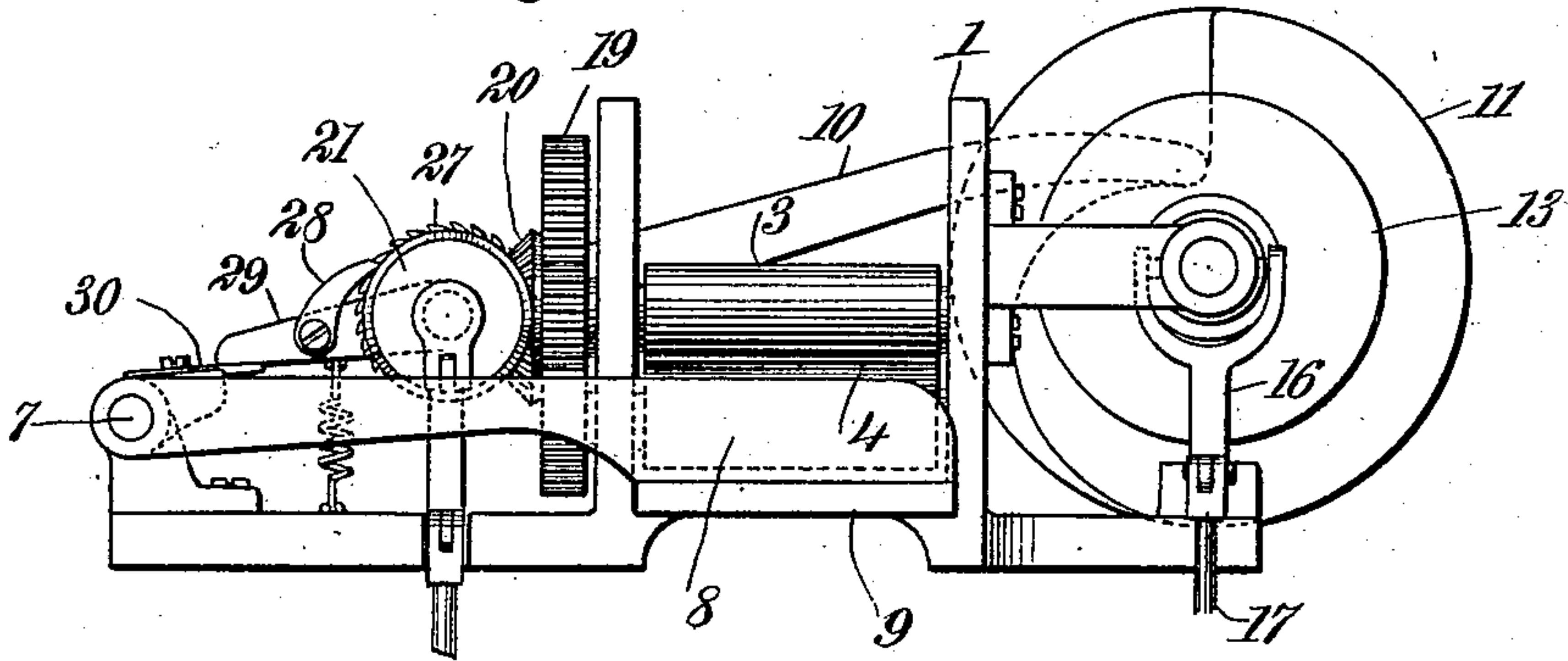


Fig. 4.

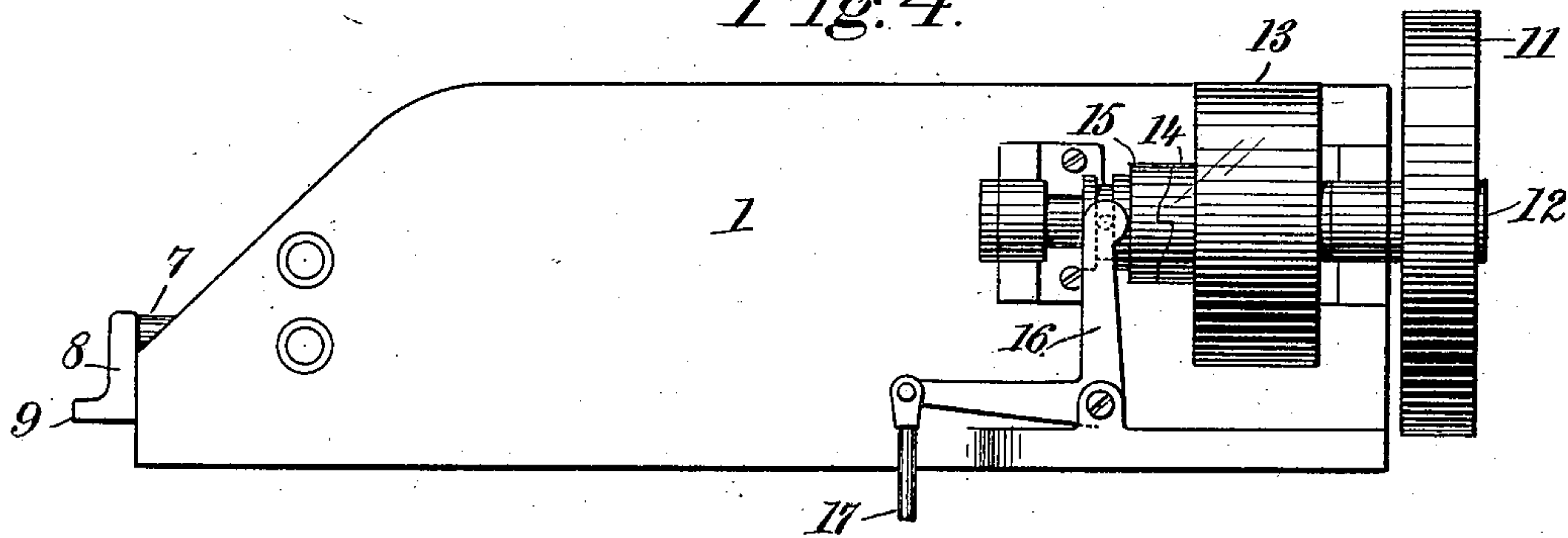
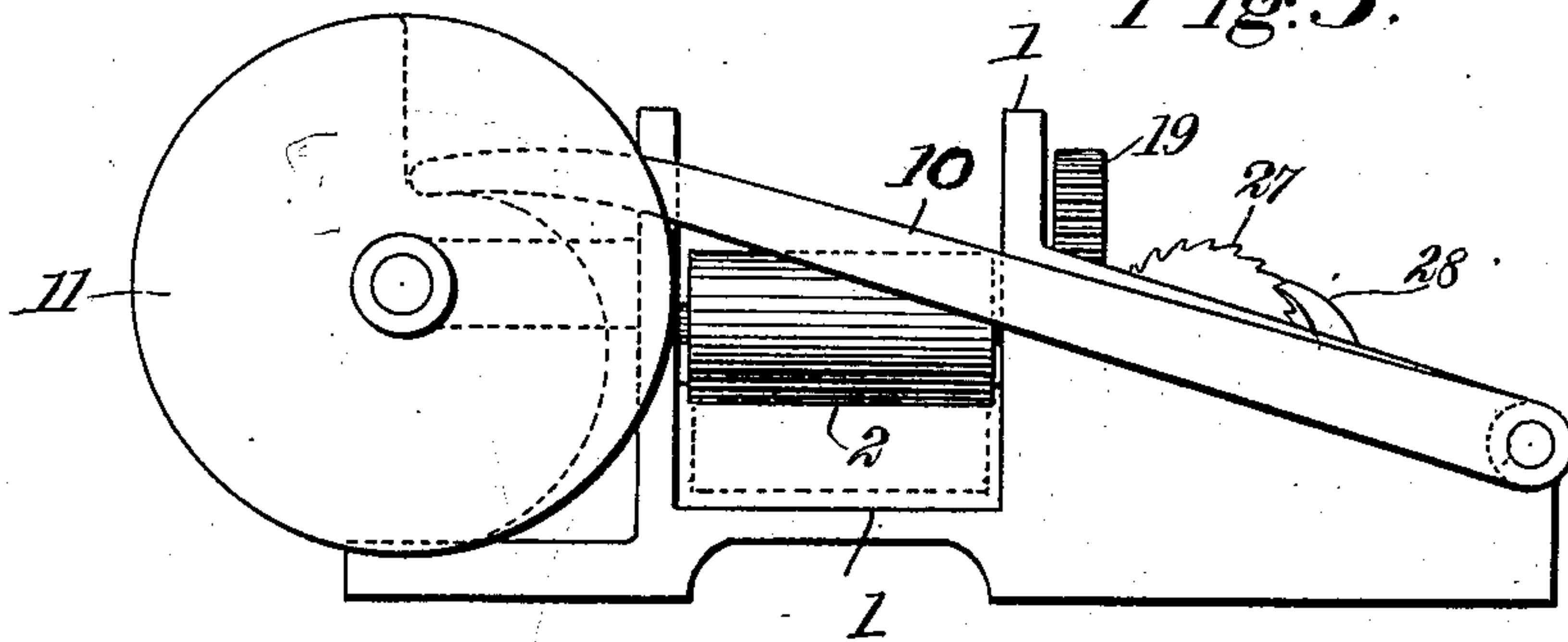


Fig. 5.



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HUGH LAWSON GAY, OF MONTICELLO, FLORIDA.

ADDRESSING-MACHINE.

SPECIFICATION forming part of Letters Patent No. 722,969, dated March 17, 1903.

Application filed October 7, 1902. Serial No. 126,305. (No model.)

To all whom it may concern:

Be it known that I, HUGH LAWSON GAY, a citizen of the United States, and a resident of Monticello, in the county of Jefferson and State of Florida, have invented a new and Improved Addressing-Machine, of which the following is a full, clear, and exact description.

This machine relates particularly to machines for severing printed names and addresses from strips of mailing-papers or the like; and the object is to provide a machine of simple construction by means of which the strips may be rapidly cut.

I will describe an addressing-machine embodying my invention and then point out the novel features in the appended claims.

Reference is to be had to the accompanying drawings, forming a part of this specification, in which similar characters of reference indicate corresponding parts in all the figures.

Figure 1 is a plan view of an addressing-machine embodying my invention. Fig. 2 is a side elevation thereof. Fig. 3 is a front end view. Fig. 4 is a side elevation opposite to that of Fig. 2, and Fig. 5 is a rear end view.

The machine comprises a trough or runway 1 for the strips of material upon which the names are printed, the strips being fed from a roller 2 at the rear portion of the trough and between feed-rollers 3 4 at the front or outlet end of the trough. Arranged between the roller 2 and the feed-rollers is a cylindrical brush 5 for applying mucilage or other adhesive to the under side of the strip of material. This brush is arranged to rotate in a cup 6, which contains the adhesive. Arranged at one side of the trough is a rock-shaft 7, which carries a cutting-blade 8, movable vertically at the outlet end of the trough 1. The end of the trough may form the other blade of the cutter, and this blade 8 is provided with a projection 9, which will press the severed strip containing a name onto the wrapper of a paper or the like.

Motion is imparted to the rock-shaft 7 by means of an arm 10, engaging with a cam 11, mounted on a driving-shaft 12. Loosely mounted on this driving-shaft is a belt-pulley 13, having a clutch member 14 at one side, designed to be engaged by a clutch member 15, mounted to slide on the shaft, but rotating therewith. The clutch member 15 may

be shifted by means of an angle-lever 16, from which a rod 17 extends downward to a foot-treadle or the like. The shaft of the feed-roller 3 extends through a side wall of the trough 1, and on this extended end is a pinion 18. This pinion 18 engages with a gear-wheel 19, to which is attached a bevel-pinion 20, designed to mesh with a bevel-pinion 21, having sliding connection with a shaft 22. As here shown, the part of the shaft to which the gear-wheel 21 is directly connected is extended into a longitudinal bore in the shaft 22, and to prevent a rotary motion of the parts one relatively to the other a pin 23 extends from the part 24, to which the bevel-pinion is connected through a slot in the shaft-section 22. The pinion 21 may be moved into and out of engagement with the pinion 20 by means of an angle-lever 25, from which a rod 26 extends downward and is designed to connect with a foot-treadle or the like.

Connected to the shaft 22 is a ratchet-wheel 27, designed to be engaged by a pawl 28, carried by an arm 29, loosely mounted on said shaft 22. At its outer end the arm 29 engages with a lifting-finger 30, carried by the shaft 7. This lifting-finger 30 is adjustable inward and outward, so that it may be regulated to cause a greater or less rotary movement of the shaft 22, and consequently govern the feed of the strip between the feed-rollers. The arm 10 is held in yielding engagement with the cam 11 by means of a spring 31, fast at one end with the shaft 7 and at the other end with a bracket 32, in which the shaft has a bearing.

In the operation the strip of paper is drawn over the adhesive brush and fed through the front of the machine in an intermittent manner. The projected portion bearing a name will be severed by the cutter, and, as before mentioned, the part 9 will press such severed portion upon a wrapper.

The machine may be provided with legs, if desired, or it may be securely fastened on a table or the like.

Having thus described my invention, I claim as new and desire to secure by Letters Patent—

1. An addressing-machine comprising a trough, feed-rollers arranged at the outlet end

of said trough, an adhesive-applying device arranged in the trough, means for imparting intermittent motion to the feed-rollers, a cutter, and a rotary driving-shaft for operating
5 said cutter.

2. An addressing-machine comprising a trough, feed-rollers arranged in said trough, an adhesive-applying device in said trough, a rock-shaft, a rotary driving-shaft for operating said rock-shaft, a cutter carried by said
10 rock-shaft, and mechanism controlled by the rock-shaft for imparting intermittent motion to the feed-rollers.

3. An addressing-machine comprising a
15 trough, feed-rollers arranged therein, an adhesive-applying brush in the trough, a pinion on the shaft of one of the feed-rollers, a gear-wheel engaging the said pinion, a bevel-pinion carried by the gear-wheel, a shaft, a
20 bevel-pinion having sliding connection with said shaft and adapted for engagement with the first-named bevel-pinion, means for shifting the pinion, a ratchet-wheel on the shaft, an arm loosely mounted on the shaft, a pawl
25 carried by the arm for engaging with the ratchet-wheel, a rock-shaft, means for operating said rock-shaft, an adjustable finger on the rock-shaft for engaging the said arm, and a cutter carried by the rock-shaft.

4. An addressing-machine comprising a
30 trough, feed-rollers arranged in the trough, an adhesive-applying device in the trough, means for imparting intermittent motion to the feed-rollers, a rock-shaft, a cutter carried by said rock-shaft, the said cutter having a
35 projection for pressing a printed slip onto a wrapper or the like and a rotary shaft for operating the rock-shaft.

5. An addressing-machine comprising a
40 trough, feed-rollers arranged in said trough, an adhesive-applying rotary brush in the trough, means for imparting motion to the feed-rollers, a rock-shaft, a cutter carried by the rock-shaft, a driving-shaft, a cam-wheel
45 mounted on said driving-shaft, an arm extended from the rock-shaft and engaging with said cam-wheel, and a spring for holding the arm yieldingly in engagement with the cam-wheel.

In testimony whereof I have signed my
50 name to this specification in the presence of the subscribing witnesses.

HUGH LAWSON GAY.

Witnesses:

S. D. CLARKE,
JAMES H. TAYLOR,
W. H. WRIGHT.