

No. 879,627.

PATENTED FEB. 18, 1908.

E. GOLDSCHMIDT.
AFFIXING APPARATUS FOR STAMPS AND LABELS.

APPLICATION FILED OCT. 23, 1905.

2 SHEETS—SHEET 2.

Fig. 3.

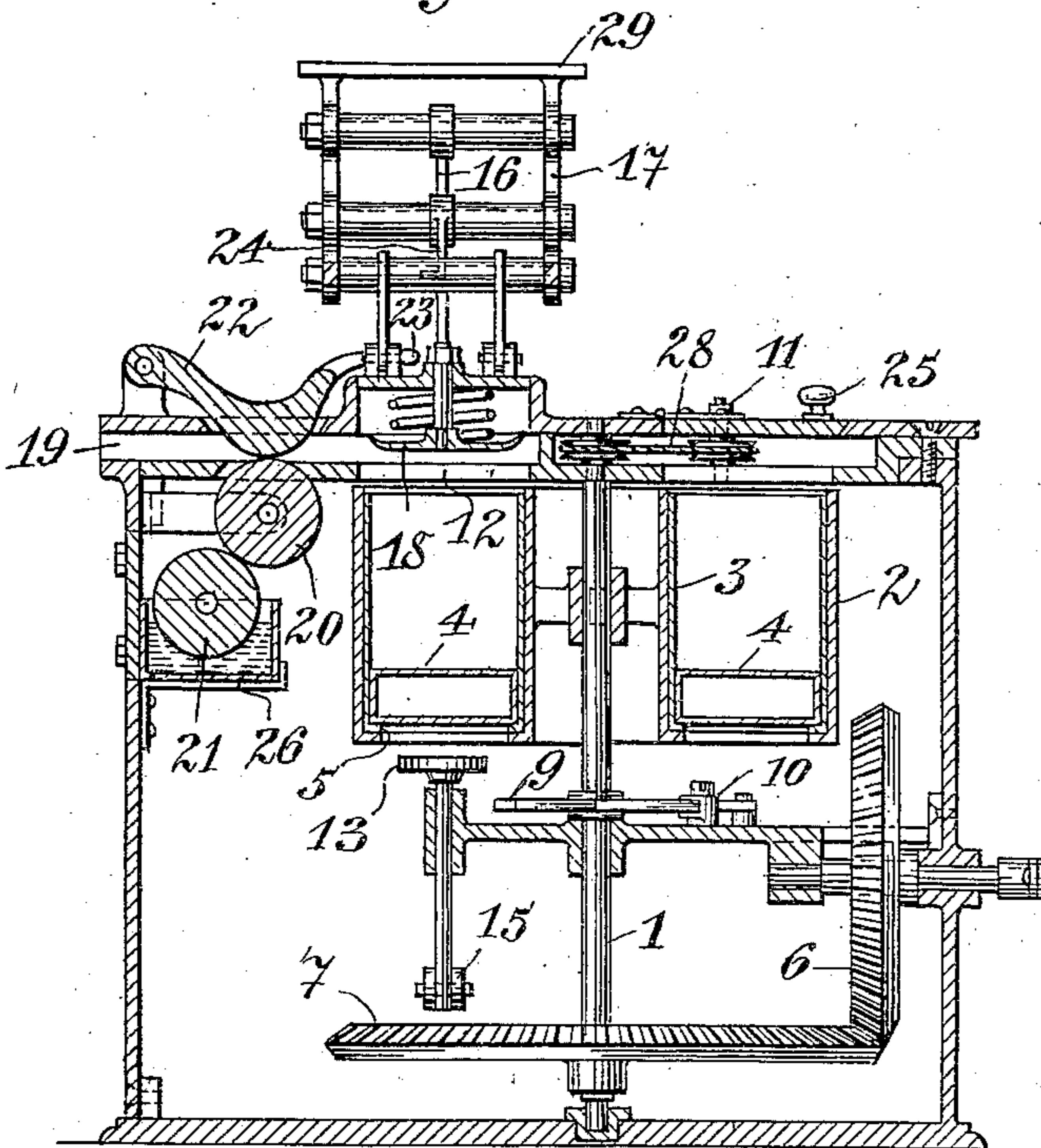


Fig. 5.

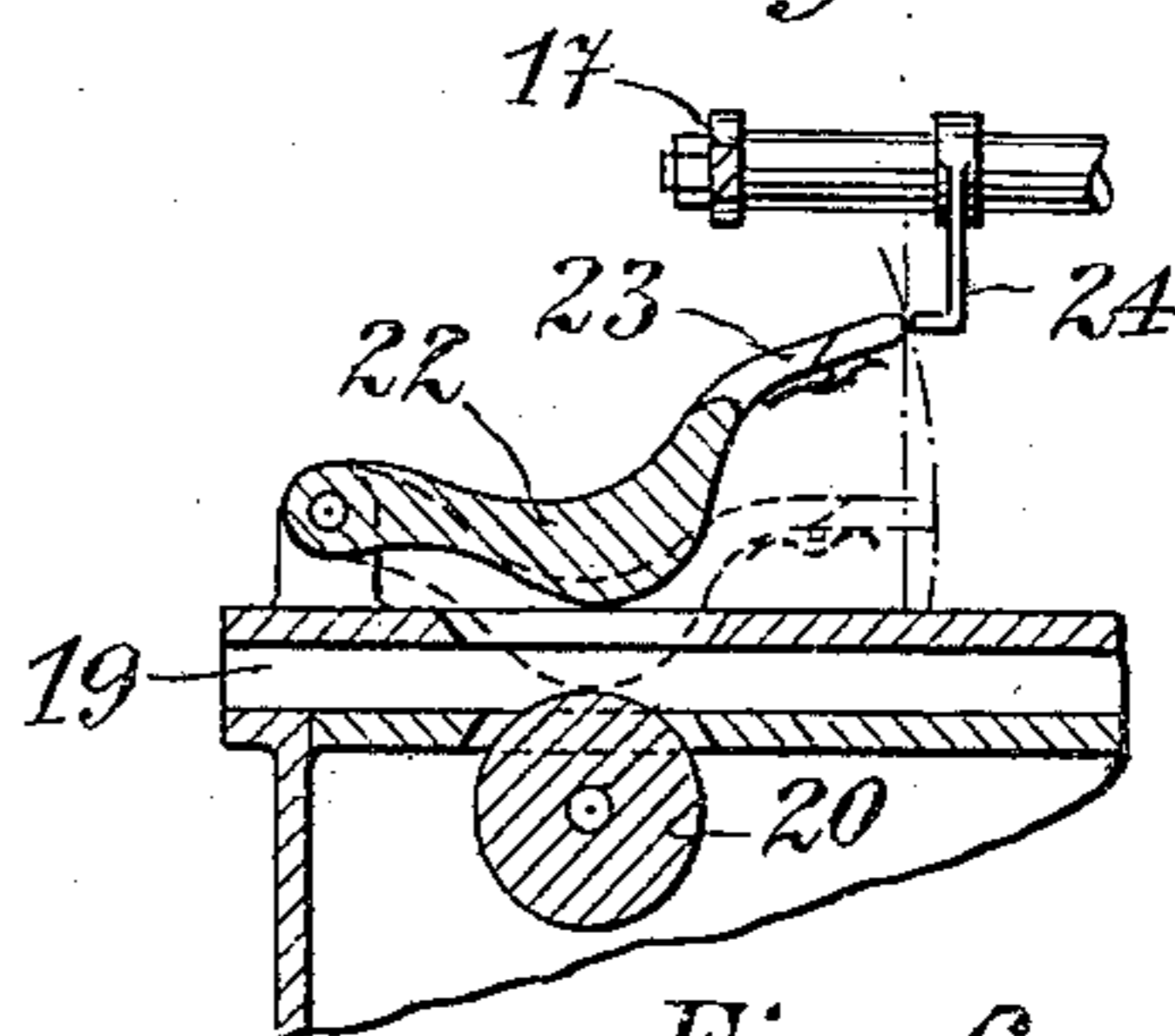


Fig. 6.

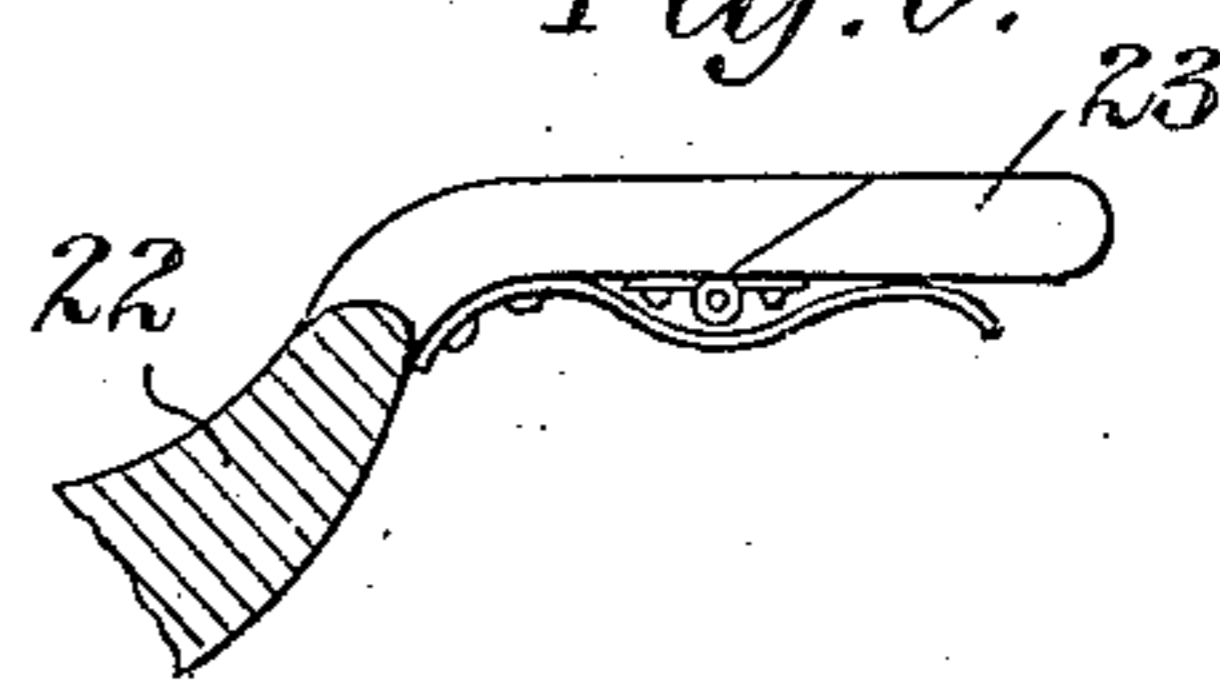


Fig. 7.

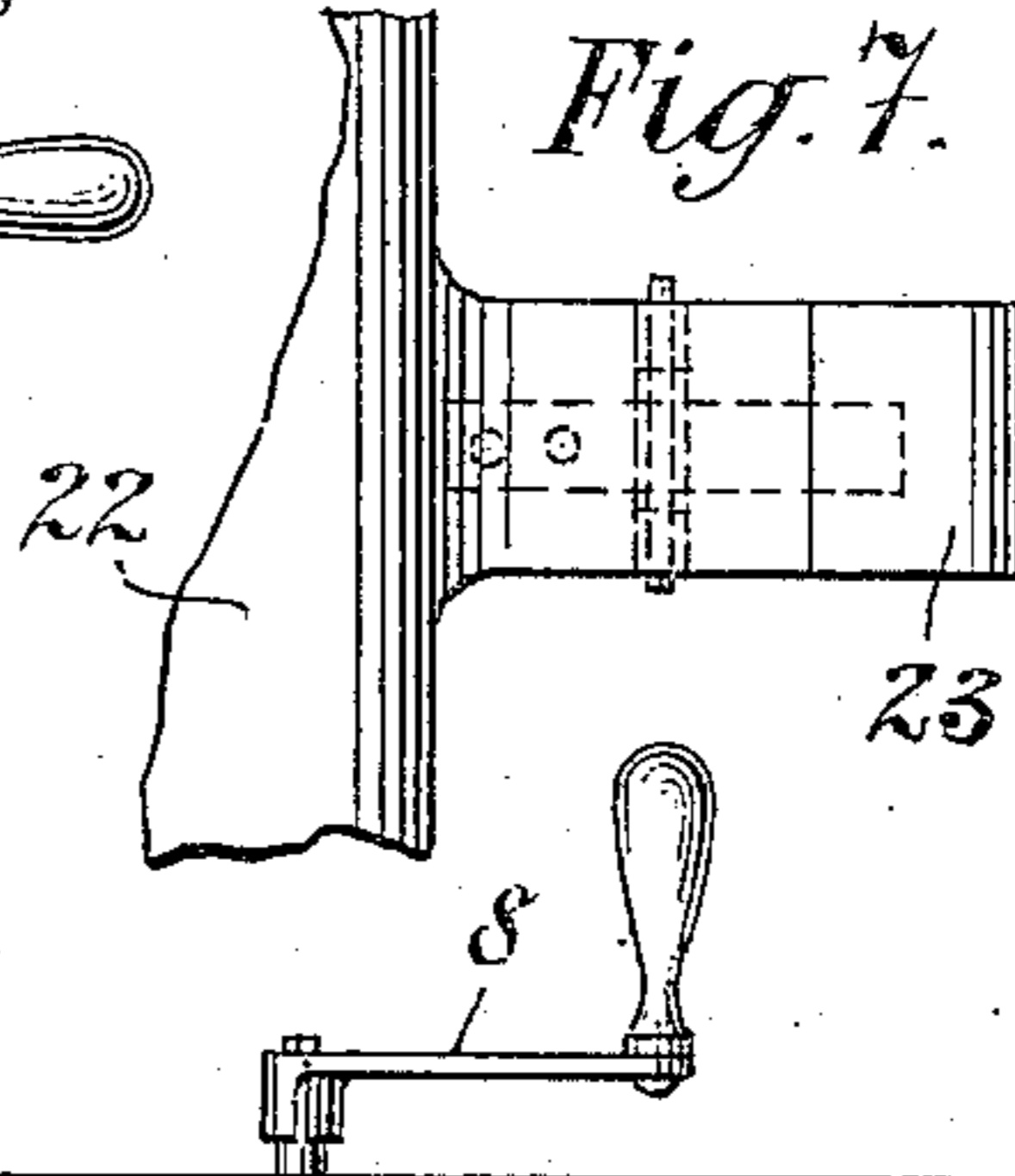
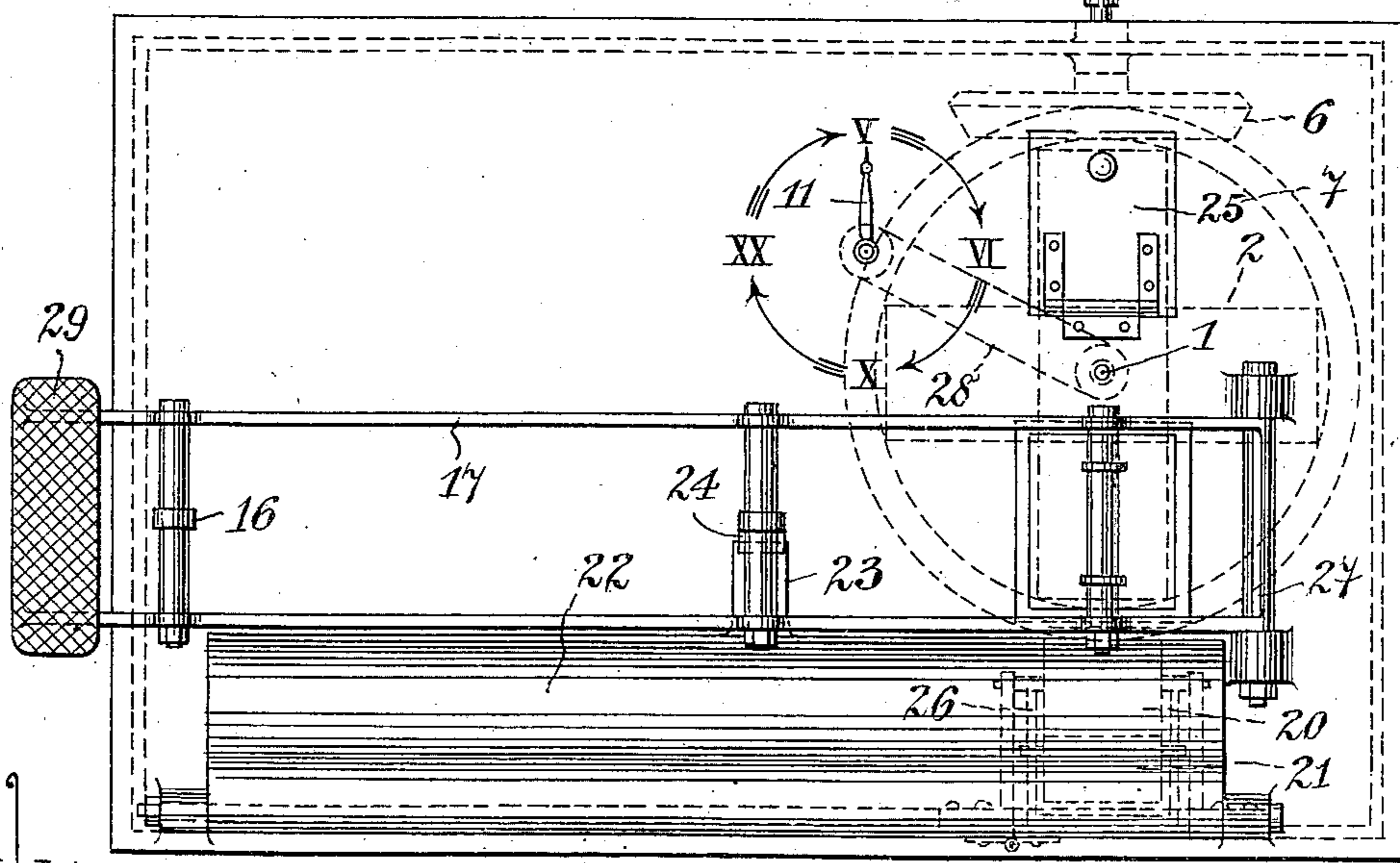


Fig. 4.



WITNESSES.
Jm. Dell.
Adelblatt

ITZ VETTOR,
Emanuel Goldschmidt,
by Garthard Luvard,
attorneys

UNITED STATES PATENT OFFICE.

EMANUEL GOLDSCHMIDT, OF NÉMET KERÉSZTUR, AUSTRIA-HUNGARY.

AFFIXING APPARATUS FOR STAMPS AND LABELS.

No. 879,627.

Specification of Letters Patent.

Patented Feb. 18, 1908.

Application filed October 23, 1905. Serial No. 283,903.

To all whom it may concern:

Be it known that I, EMANUEL GOLDSCHMIDT, a subject of the Emperor of Austria-Hungary, residing at Némét Keréztur, Austria-Hungary, have invented a new and useful Affixing Apparatus for Stamps and Labels, of which the following is a specification.

The present invention relates to an apparatus for moistening envelopes or the like and affixing stamps, labels, or the like thereto, in which the stamps are placed gummed side upwards in reservoirs of which there may be several for different kinds of stamps or labels. According to this invention these reservoirs are all arranged in a movable drum which can be fixed in various positions and which coöperates with a vertically movable presser piston in such manner that when the drum is stopped, the piston can penetrate into that reservoir which is, at the moment, above it, and press the pile of stamps in the reservoir upwards so that the uppermost stamp adheres to the previously moistened envelop. The moistening of the envelop is effected in this apparatus by means of a device arranged in front of that reservoir which is in operative position, the said moistening device being constituted by rolls, one of which moistens the envelop supplied, while the second presses the envelop against the first roll, and, after the stamp has been affixed is lifted, so that the envelop can be raised from the moistening roll and pulled out.

The accompanying drawing illustrates, by way of example, a construction of the apparatus according to this invention. Figure 1 being a longitudinal section on line A—A of Fig. 2, Fig. 2 a plan with the cover plates removed, Fig. 3 a cross section on line B—B of Fig. 1 seen in the direction of the arrow, and Fig. 4 a plan. Fig. 5 shows a pressure plate over the admission slot, and the device for raising it. Figs. 6 and 7 show the front portion of the said plate on an enlarged scale in side elevation and plan respectively.

In a drum 2, rotatable about a vertical spindle 1, are arranged the reservoirs 3 for the stamps, preferably so as to be interchangeable. The bottom plates 4, of the stamp reservoirs or compartments, are vertically movable and their lowest position is limited by stops 5.

The turning of the drum so as to bring the required stamp reservoir into operative position that is below the outlet opening 12

in the casing plate, is effected by means of a crank 8, on the spindle of which is mounted a bevel wheel 6 operating a bevel wheel 7 on the spindle of the drum. The stopping of the drum in the working position is effected by means of a ratchet wheel 9 keyed to the spindle 1 and coöperating with a pawl 10. A hand 11 driven from the spindle 1, by means of a strap-gear 28 or some similar device, and moving on a scale arranged on the casing plate provided with divisions corresponding to the stamps used, indicates the kind of stamps contained in that reservoir which is in operative position. Below the stamp reservoir in operative position, is arranged a vertically movable piston 13 which is operated by a lever 15 controlled by a spring 14, the said lever being connected, by means of a rod 16 hinged to its free end, to a forked lever 17 pivoted about a pin 27. To the latter lever is attached, by means of a guiding-rod above the stamp outlet opening 12, a pressure plate 18, a handle 29 at the end of the said forked lever serving to operate the device. In the inlet slot 19, immediately in front of the above mentioned opening 12, is arranged a moistening apparatus for the envelopes to which a stamp is to be affixed, the said moistening device comprising two superposed rolls 20 21, the lowest of which, 21, dips into a water vessel 26 and transmits the liquid to the roll, 20, above so that the latter is always kept moist, but can never transmit too much liquid to the envelop sliding over it. The moistening roll 20 is at the same time used as a feed roller for the envelop, coöperating with press-plate 22 which is held in operative position by its own weight. A spring controlled tongue 23 (Figs. 6 and 7.) hinged to the latter coöperates with a pawl 24 mounted on the forked lever 17, in such manner that, when the lever 17 is raised, the press plate is raised with it by reason of the pawl 24 engaging under the tongue 23 until the lever 17 comes into its uppermost position, when the pawl becomes disengaged, and the press plate falls back into its operative position.

The working of the device is as follows:— First the crank 8 is turned so as to bring under the aperture 12 the reservoir containing the stamps with which the envelop or the like is to be provided; then the envelop, having the side which is to be stamped downward, is introduced into the slot 19 of the apparatus, the said envelop being pressed

by the plate 22 against the moistening roll 20, so that it arrives moistened over the stamp outlet 12. Thereupon the forked lever 17 is moved downwards and, by means of the spring plate 18, the envelop is pressed against the stamp reservoir, the piston 13 being moved by the levers against the vertically adjustable bottom 4 of the stamp reservoir 3 in the operative position, and raising it. In this way, the uppermost stamp is pressed against the moistened envelop. The pawl 24 arranged on the lever, comes under the downward springing tongue 23 of the press plate 22, so that, when the lever 17 rises, the tongue 23 is carried by the pawl 24, whereby the envelop can be raised from the moistening roll and removed.

If it be required to replace an empty stamp-reservoir or substitute a reservoir containing stamps of different value, it is merely necessary to bring the reservoir under an easily accessible opening 25 arranged in the casing plate, through which the said reservoir is removed and a full reservoir inserted.

What I claim as my invention and desire to secure by Letters Patent is:—

1. In an affixing apparatus for stamps and the like, the combination of a rotary drum, reservoirs arranged therein in different radii thereof, each reservoir having a movable bottom, a lever, and a piston carried by said lever and adapted to press against said bottom to raise the stamps or labels in said reservoir, substantially as described.

2. An affixing apparatus for stamps or labels comprising a spindle, a frame mounted on said spindle, a plurality of stamp containing reservoirs mounted thereon, movable

bottom plates in said reservoirs and a gearing for rotating said spindle in combination with means for pressing the envelop against the stamps and for upwardly pressing the stamps, substantially as set forth.

3. An affixing apparatus for stamps or labels comprising a spindle, a frame mounted on said spindle, a plurality of stamp containing reservoirs mounted thereon, movable bottom plates in said reservoirs and a gearing for rotating said spindle, in combination with a cover, a pivoted lever, a spring pressure plate attached thereto, a pivoted spring controlled lever connected to said lever and operated thereby, a presser piston actuated by said spring controlled lever, substantially as set forth.

4. An affixing apparatus for stamps or labels comprising a spindle, a frame mounted on said spindle, a plurality of stamp containing receptacles mounted thereon, movable bottom plates in said reservoirs and a gearing for rotating said spindle in combination with a pivoted lever, a spring pressure plate attached thereto, a pivoted spring controlled lever connected to said lever and operated thereby, a presser piston actuated by said spring controlled lever, envelop engaging moistening rollers, a press plate and means for raising said press plate after the stamping of the envelops, substantially as set forth.

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

EMANUEL GOLDSCHMIDT.

Witnesses:

FRANZ REITER,

ALVESTO S. HOGUE.