

H. A. BENEDICT.
STAMP AFFIXING MACHINE.
APPLICATION FILED APR. 17, 1909.

975,742.

Patented Nov. 15, 1910.

2 SHEETS—SHEET 1.

Fig. 1

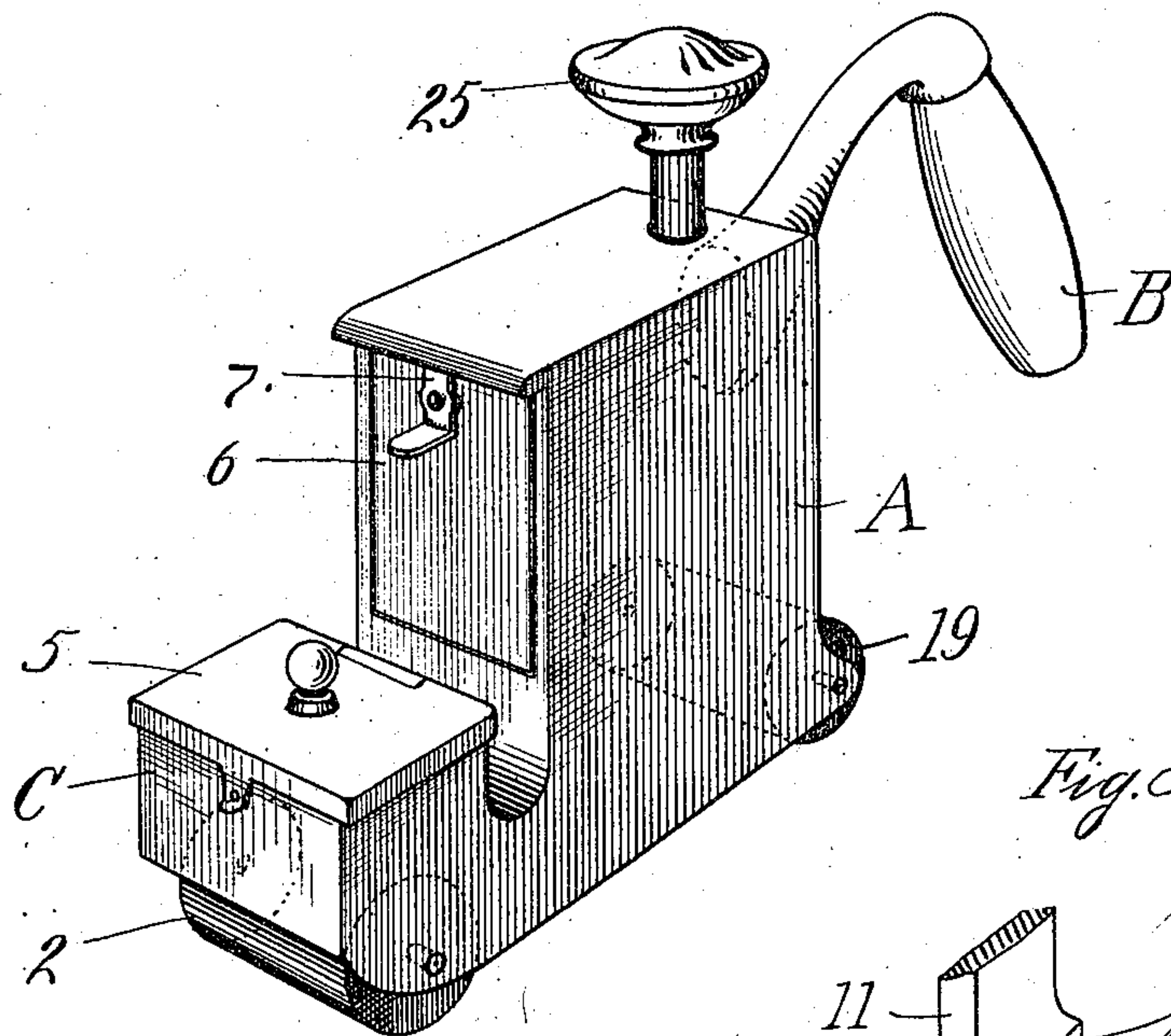


Fig. 8

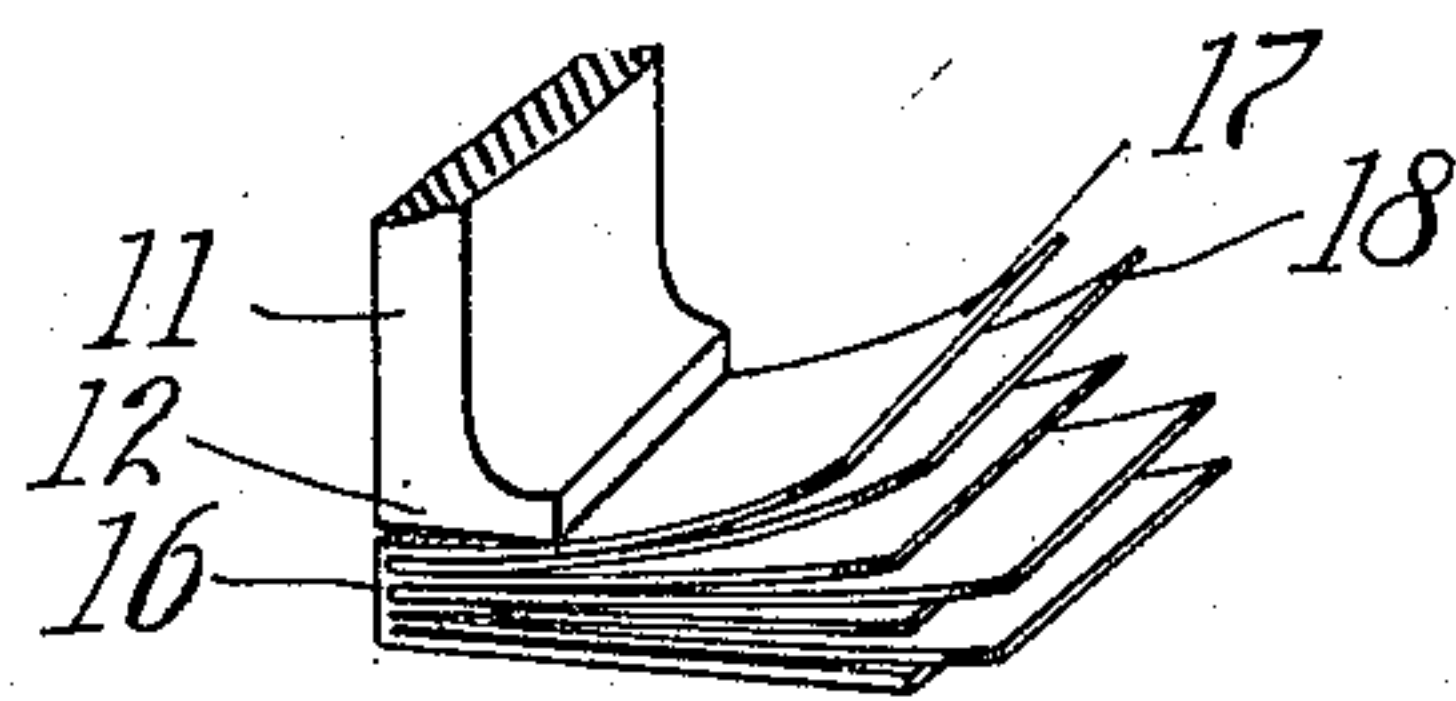


Fig. 3

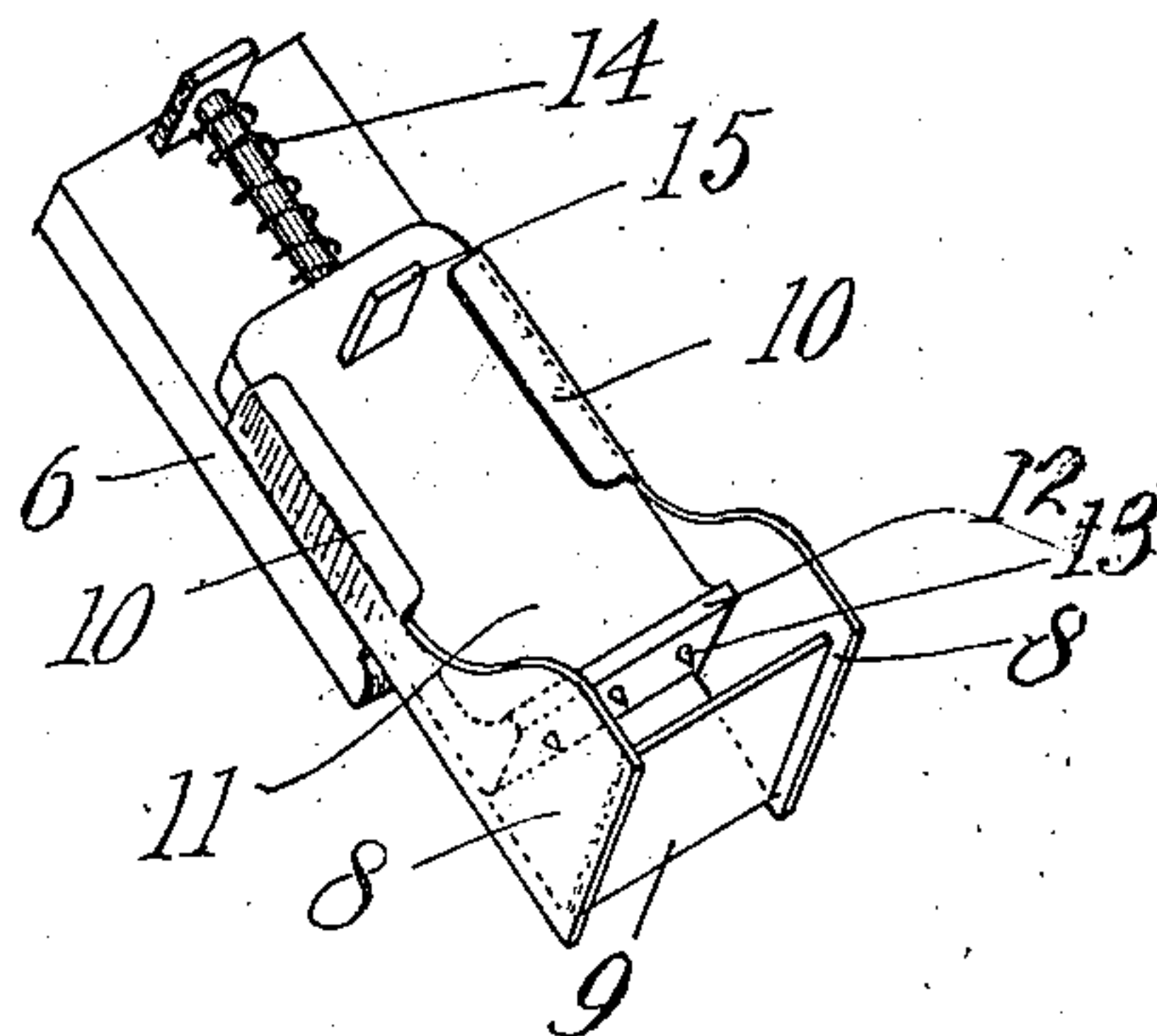
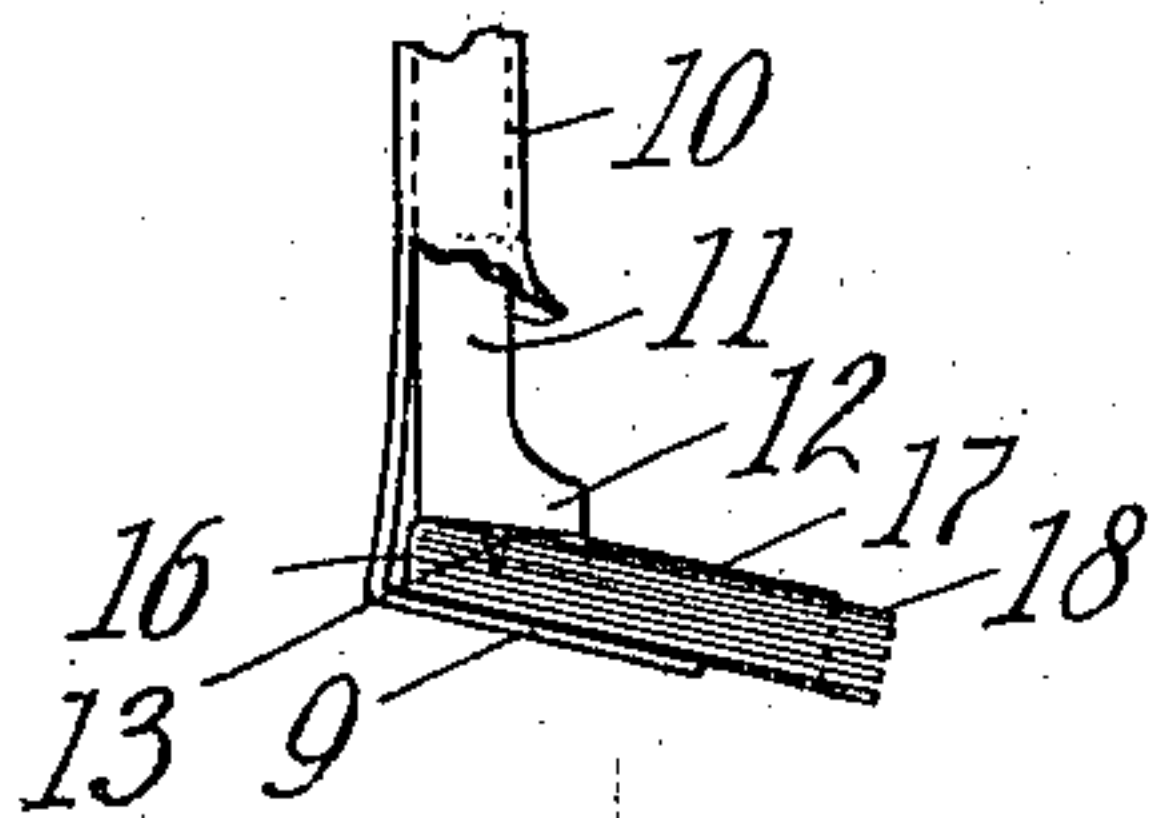


Fig. 5



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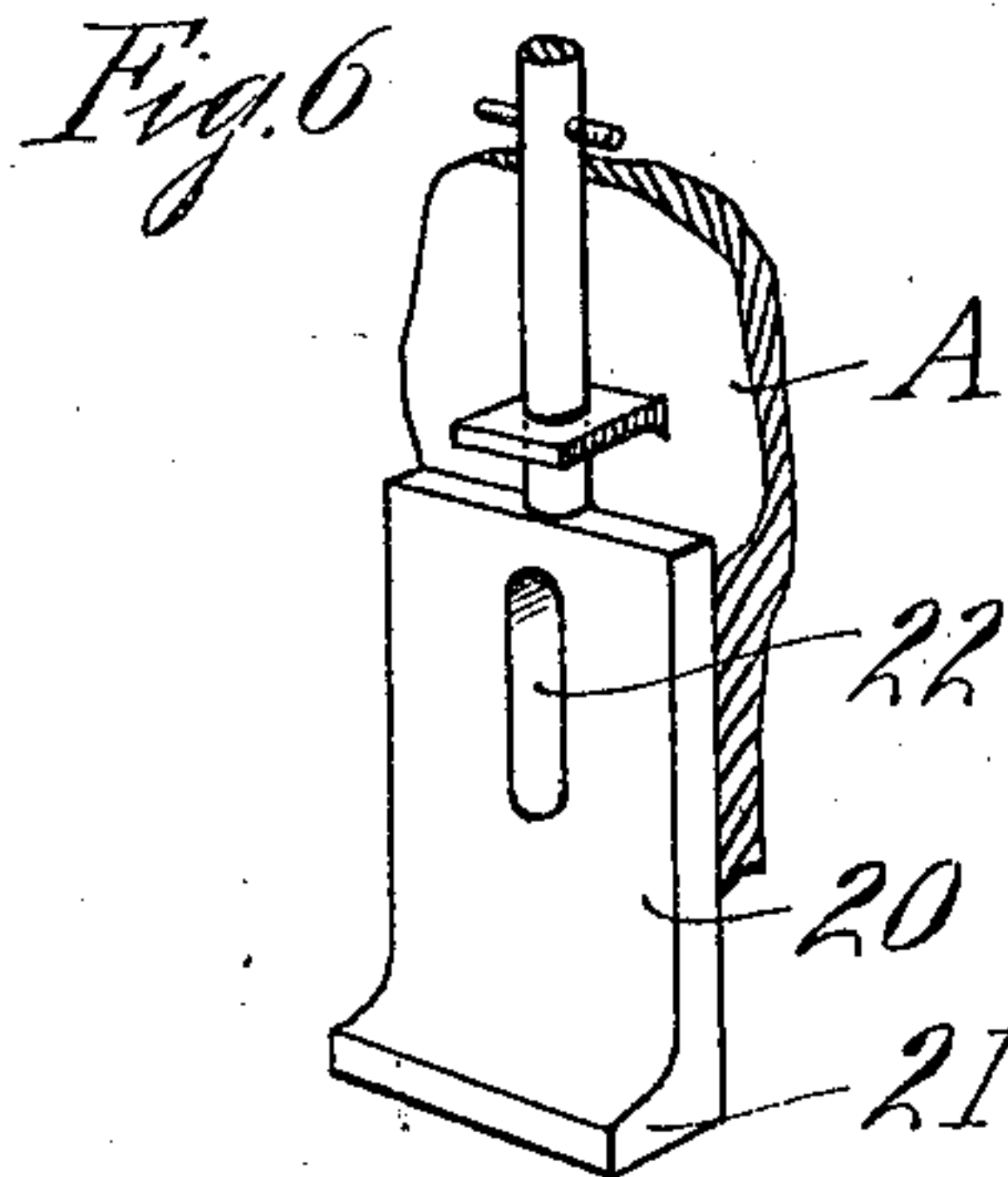
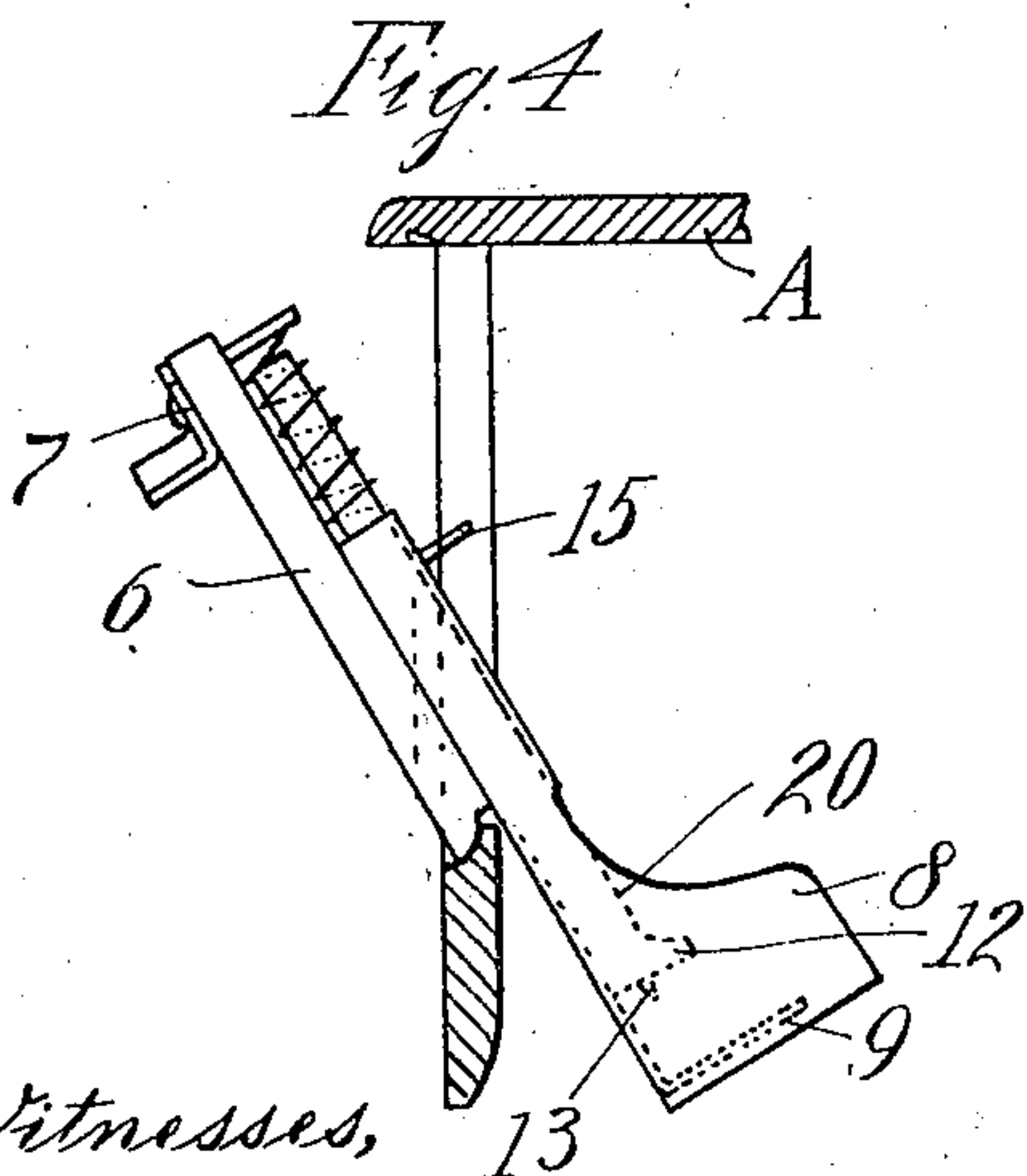
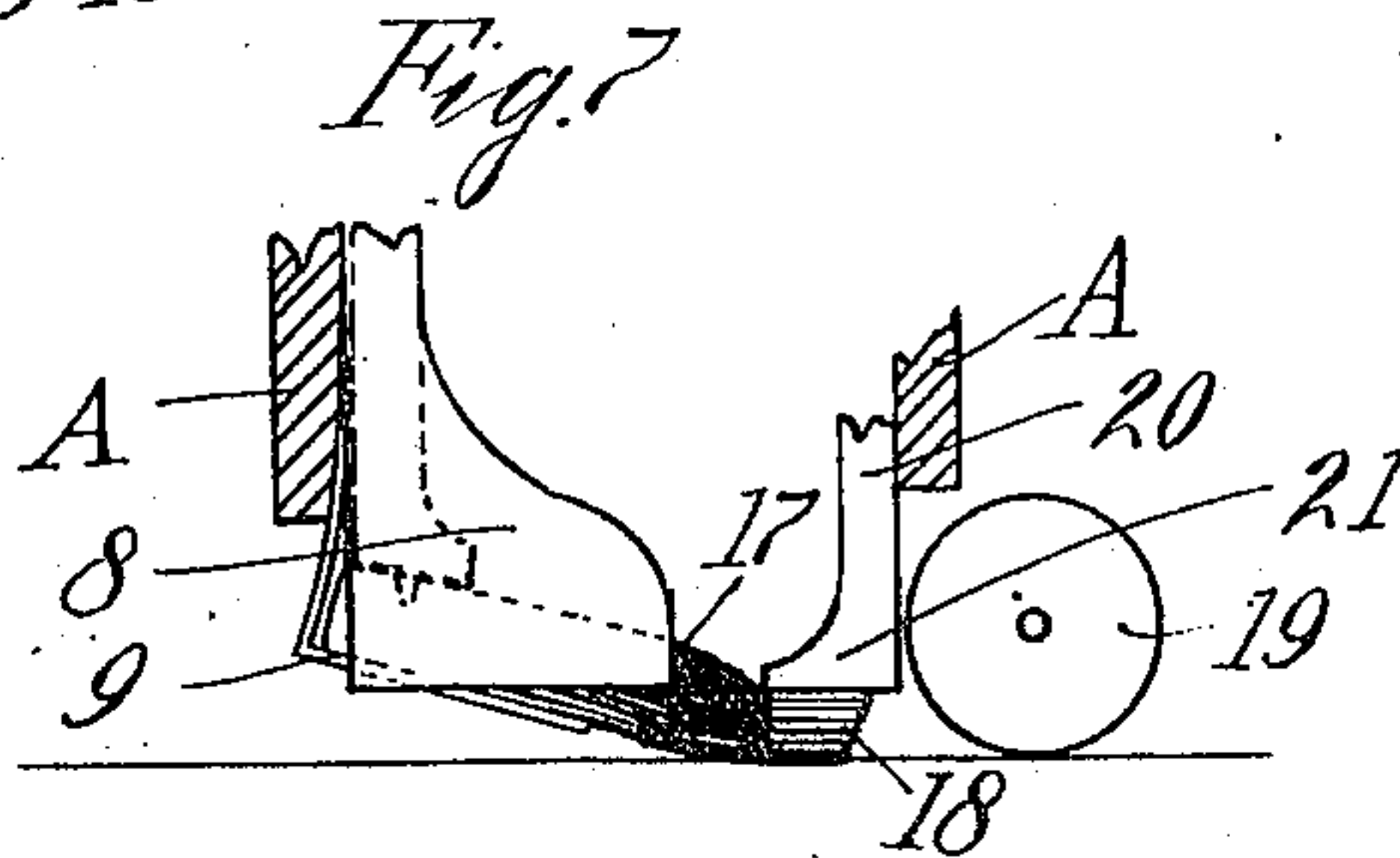
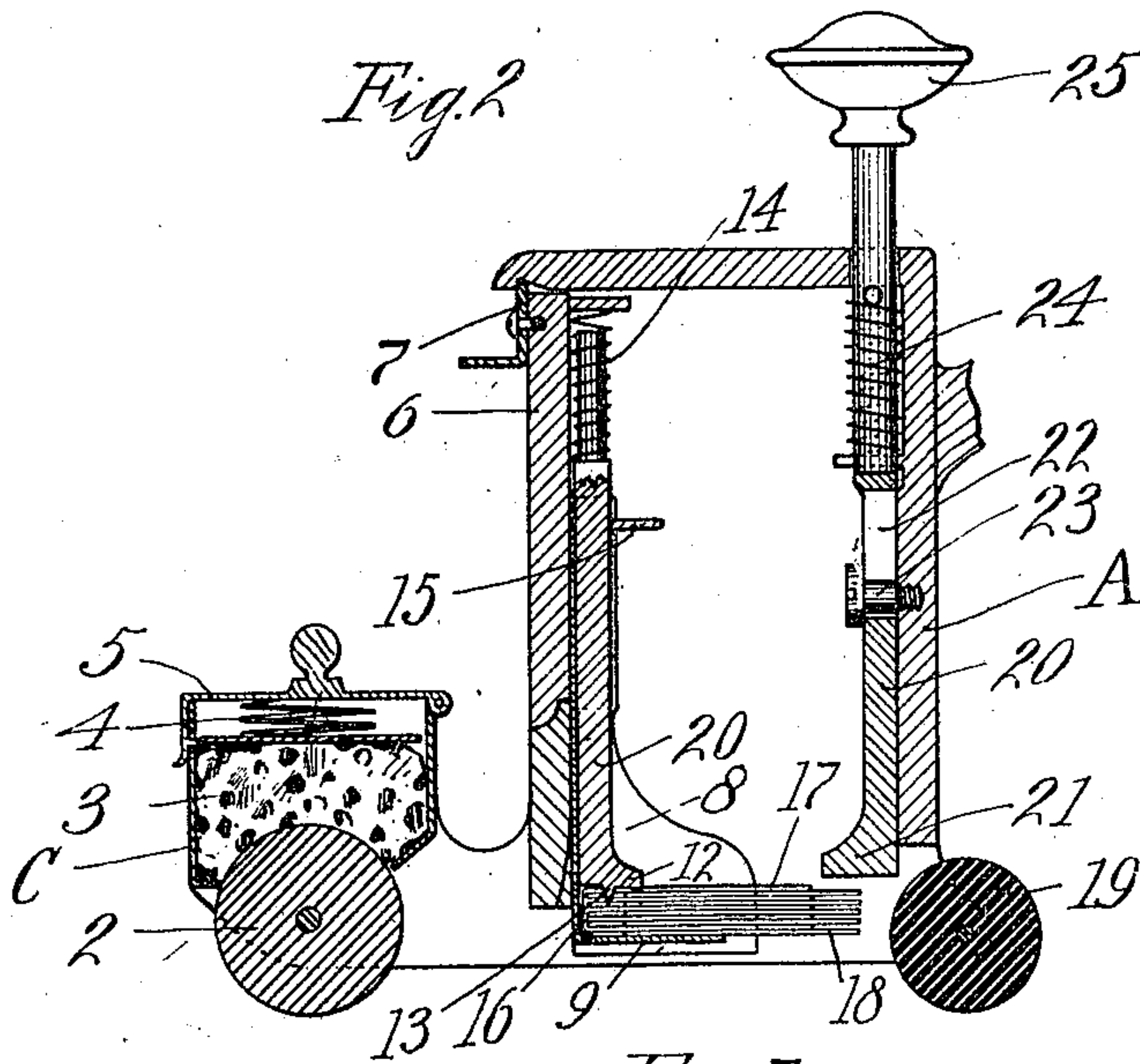
Inventor,
Harry A. Benedict
by *Lathrop Johnson*
his Attorneys.

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2 SHEETS—SHEET 2.



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UNITED STATES PATENT OFFICE.

HARRY A. BENEDICT, OF BLAISDELL, NORTH DAKOTA.

STAMP-AFFIXING MACHINE.

975,742.

Specification of Letters Patent.

Patented Nov. 15, 1910.

Application filed April 17, 1909. Serial No. 490,565.

To all whom it may concern:

Be it known that I, HARRY A. BENEDICT, a citizen of the United States, residing at Blaisdell, in the county of Montraille and State of North Dakota, have invented certain new and useful Improvements in Stamp-Affixing Machines, of which the following is a specification.

My invention relates to improvements in stamp affixing machines, and has for its object to provide an improved device in which a considerable number of stamps can be conveniently held, and which has means for moistening the paper in readiness to receive the stamp, and for pressing the stamp upon the moistened portion, and causing it to adhere firmly thereto.

More particularly the invention consists in the construction, combination and arrangement of parts hereinafter described and claimed.

In the accompanying drawings forming part of this specification, Figure 1 is a perspective view of the improved apparatus; Fig. 2 is a vertical longitudinal section through the middle of the same; Fig. 3 is a perspective view of the pressure foot and stamp magazine alone; Fig. 4 is a side elevation of the same with a fragment of the adjacent casing in section, showing the magazine and pressure foot in tilted position; Fig. 5 is a detail of the lower end of the magazine and pressure foot; Fig. 6 is a perspective view of a fragment of the stamp affixing plunger and the adjacent portion of the casing; Fig. 7 is a fragmental detail of the lower end of the stamp magazine and plunger, to illustrate the method of pressing the stamps down upon the paper; and Fig. 8 is a perspective view of the stamp book and a fragment of the lower portion of the plunger.

In the embodiment of the invention shown in the drawings A represents a box or casing within which are supported the operating parts of the device. It has at the rear a handle B whereby the box or frame can be rolled back and forth over the envelop or other surface to be stamped, and at the front a box or receptacle C, in the lower end of which is journaled a moistening roller 2, which protrudes through the bottom of the receptacle so as to stand below the bottom of the box A. Arranged within the receptacle C is a moistening sponge 3 which is normally held against the roller by means

of a spring 4. The receptacle is provided with a hinged cover 5 whereby the sponge may be removed and remoistened. Being thus in contact with the sponge the roller will moisten any surface over which it is rolled.

Set into the front wall of the box A is a removable plate 6 which has rotatable support upon the lower portion of the front wall of the casing, and is held in place by means of a spring latch 7 which engages the top of the box. Carried by the plate 6 on the inside of the front wall of the machine is a stamp magazine which consists of a pair of side walls 8, and a flexible and resilient back and bottom portion 9 formed of a thin strip of spring metal and entirely independent of the side walls 8, so that it can be independently moved. The magazine is open at the top and inner side. Slidable within guides 10 upon the upper end of the magazine is a pressure foot 11 having at the bottom a heel 12 formed with spurs 13, which is held by the pressure of a spring 14 normally pressed down upon the stamps in the magazine. The plunger has a lug 15 by which it may be lifted up from the stamps against the pressure of its spring.

The stamps are arranged within the book 16 having leaves 17 of oiled paper, somewhat shorter than the stamps 18, so that the ends of the stamps will protrude therefrom, as illustrated in Figs. 2 and 8. This book is arranged within the magazine between the spring bottom 9 and the heel of the pressure foot 11. The box A is supported at the rear upon a rubber roller 19. Having sliding support upon the inside of the rear wall of the machine is a plunger 20 having at the bottom a foot 21 in position to stand above the projecting ends of the stamps. As shown in the drawings the plunger is formed with a slot 22 through which passes freely a headed pin 23, the slot being long enough to give sufficient play to the plunger. The plunger is held normally pressed up away from the stamps by a spring 24, and passes slidably through the top of the box. At its outer end it has a bulb or head 25 by which it may be pressed down with the hand.

In use the stamps are placed within the leaves of the stamp book with their gummed sides down. The book is held in place by the spring pressure of the pressure foot, and the machine is moved forward so that the moistening roller 2 will pass over the sur-

face to which the stamp is to be affixed. When the stamps reach the moistened portion, the plunger 20 is pressed down for a moment so as to press the projecting ends of the stamps down upon the moistened surface, as illustrated in Fig. 7, the spring back and bottom 9 of the magazine yielding to the pressure, and then released. When the end of the stamp is thus fast to the moistened surface, the machine is pushed forward, so that the stamp will be drawn from the stamp book, roller 19 at the same time rolling the entire stamp down upon the moistened surface and causing it to be firmly affixed thereto. The book is held from being withdrawn with the stamp by means of the spurs 13 upon the bottom of the pressure foot.

To replace the book with fresh stamps, the plate 6 is tilted forward, as shown in Fig. 4, and, if desired, removed from the casing. The pressure head can be lifted against its spring by means of the lug 15. The two rollers also afford a very convenient means of moistening and sealing the flap of an envelop.

I claim as my invention:

1. A stamp affixing machine comprising a frame having in its front wall a removable plate, a stamp magazine secured upon the inner side of said plate and adapted to hold a pile of stamps with their ends projecting rearwardly therefrom, a stamp affixer in position to be thrust down upon the projecting ends of the stamps, a moistening device arranged in front of the magazine and a sealing device at the rear of the stamp affixer.

2. In a stamp affixing machine the combination, with a moistening device and a sealing roller, of an intermediately arranged stamp magazine open at the rear and adapted to hold a pile of stamps with their ends projecting rearwardly therefrom, a spring pressure foot for holding the stamps within the magazine, and a stamp affixer in position to be pressed down upon the projecting ends of the stamps.

3. In a stamp affixing machine, the combination, with a moistening device and a sealing roller, of an intermediately arranged stamp magazine open toward the rear and having a resilient bottom independent of the sides thereof, a spring pressure foot for holding stamps against said resilient bottom, and a stamp affixer in position to be pressed down upon the rearwardly projecting ends of the stamps.

4. In a stamp affixing machine, the combination, with moistening and sealing rollers, of an intermediately arranged stamp magazine, said magazine having a resilient bottom independent of the sides thereof, a spring pressure foot slidably arranged within the magazine, and a stamp affixer having movable support within the machine.

5. In a stamp affixing machine, the combination, with moistening and sealing rollers spaced apart and arranged in alignment, of moistening means held in contact with said moistening roller, a stamp magazine arranged between the rollers in position to hold a pile of stamps with their ends projecting rearwardly toward the sealing roller, spring pressed means for holding the stamps within the magazine, and a stamp affixer in position to be thrust down upon the projecting ends of the stamps, for the purpose set forth.

6. In a stamp affixing machine, the combination, with moistening and sealing rollers, of a stamp magazine arranged between said rollers, and adapted to hold a pile of stamps with their ends projecting rearwardly therefrom, said magazine having movable support upon the front wall of the machine, and a spring pressure foot having sliding support within the machine in position to hold the stamps within the magazine.

In testimony whereof I affix my signature in presence of two witnesses.

HARRY A. BENEDICT.

Witnesses:

OLE BENSON,
J. H. MCGILVRAY.