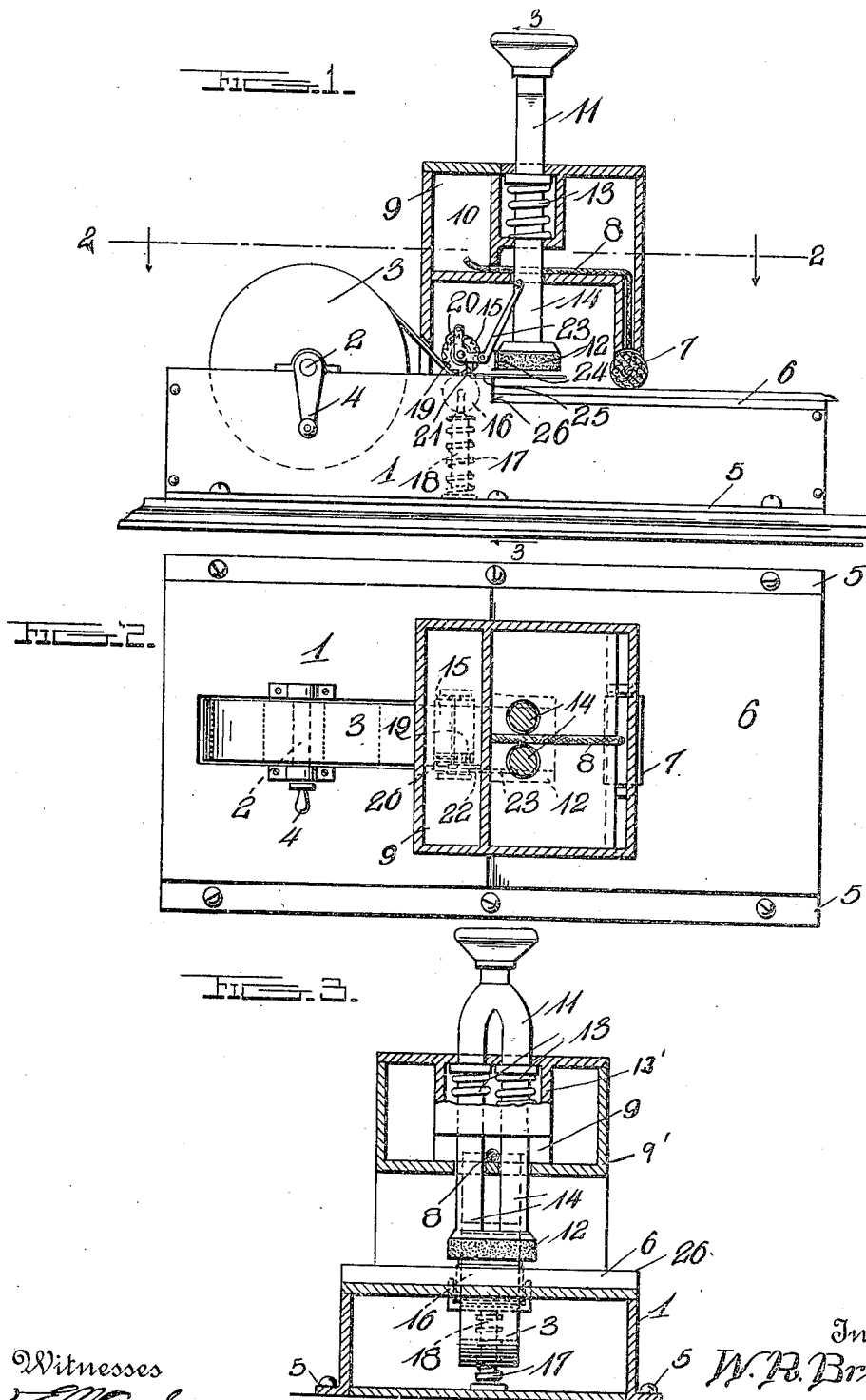


W. R. BRENTS.
STAMP AFFIXING MACHINE.
APPLICATION FILED JULY 29, 1909.

952,067.

Patented Mar. 15, 1910.



Witnesses
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UNITED STATES PATENT OFFICE.

WILLIAM R. BRENTS, OF SHERMAN, TEXAS.

STAMP-AFFIXING MACHINE.

952,067.

Specification of Letters Patent. Patented Mar. 15, 1910.

Application filed July 29, 1909. Serial No. 510,206.

To all whom it may concern:

Be it known that I, WILLIAM R. BRENTS, a citizen of the United States, residing at Sherman, in the county of Grayson and State of Texas, have invented certain new and useful Improvements in Stamp-Affixing Machines; and I do declare the following to be a full, clear, and exact description of the invention, such as will enable others skilled in the art to which it appertains to make and use the same.

This invention relates to a stamp affixing machine and has for its object to provide a simple and economical machine by means of which the stamps may be arranged in roll form and a stamp severed from the roll and applied to the moistening portion of the envelop by a single operation.

With the foregoing and other objects in view, the invention consists of certain novel features of construction, combination and arrangement of parts, as will be more fully described and particularly pointed out in the appended claims.

In the accompanying drawings, Figure 1 is a side elevation partly in section of a machine embodying my improvements; Fig. 2 is a horizontal section taken on the line 2—2 of Fig. 1; and Fig. 3 is a vertical transverse section taken on line 3—3 of Fig. 1.

Referring more especially to the drawings, 1 indicates a suitable frame upon which is mounted the shaft 2 carrying a roll of stamps 3. The shaft 2 is provided with a crank 4 by means of which the former may be turned to wind the roll of stamps thereon. The frame 1 is further provided with base flanges 5, whereby it may be secured to the mailing table or other suitable support and with the extension 6 upon which the edge of the envelop to which the stamp is to be applied is placed, a moistening roller 7 of felt or other like material being arranged in position to moisten the corner of the envelop as it is inserted thereunder. This roll is continuously moistened by means of the wick 8, leading from the chamber 9 of the casing 9' in which is placed the moistened sponge 10. The plunger 11 is mounted for vertical movement over the frame and is provided at its lower end with a felt pad 12. This plunger passes through the casing 9' and is normally held in elevated position by the coil springs 13 disposed around the vertical portions 14 of the

plunger and arranged in the spring compartment 13' of the casing.

In practice, the free end of the roll of stamps is passed between a pair of rubber faced rollers 15 and 16, the latter of which is held yieldable position by the spring 17. The shaft 18 of the upper roll is provided with a ratchet wheel 19 with which engages the pawl or click 20 carried by one arm, as 21 of the pivoted lever 22, the other arm of which is connected by the link 23 with the plunger 11. The inner side of the pad 12 and the top of the frame are provided with the cutting blades 24 and 25, respectively, the purpose of which will be presently disclosed. As shown, the wick for moistening the roller 7 passes between the vertical portions of the plunger.

In practice, to apply a stamp to the envelop, one corner of the envelop is inserted under the roller 7 against the wall 26 of the extension 6 which moistens the envelop. The moistened corner of the envelop being in proper position, the plunger 11 is depressed to sever a stamp from the roll and to apply it to the moistened portion of the envelop. The pawl and ratchet mechanism connected with the plunger and heretofore described, turns the upper roller 15 to bring the next stamp in position during the return movement of the plunger.

From the foregoing description taken in connection with the accompanying drawings, the construction and operation of the invention will be readily understood without requiring a more extended explanation.

Various changes in the form, proportion and the minor details of construction may be resorted to without departing from the principle or sacrificing any of the advantages of the invention, as defined in the appended claims.

What is claimed is:

1. A stamp affixing machine, comprising a supporting frame, a shaft to support a roll of stamps mounted therein, a pair of friction rollers between which the free end of the roll of stamps passes, a moistening pad arranged directly in front of the friction rollers, a casing provided with a sponge compartment mounted upon the frame, a spring retracted plunger mounted in and passing through the casing and adapted to sever a stamp from the roll and apply it to the envelop when depressed, a wick arranged with one end engaging the

moistening roller and its other end extending into the sponge compartment of the casing and a sponge arranged in said compartment.

- 5 2. A stamp affixing machine, comprising a supporting frame, a shaft to support a roll of stamps mounted therein, a pair of friction rollers between which the free end of the roll of stamps passes, a moistening
10 pad arranged directly in front of the friction rollers, a casing provided with a sponge compartment mounted upon the frame, a spring-retracted plunger comprising a pair
15 of laterally-spaced vertical portions mounted in and extending through the casing, a

sponge arranged in the sponge compartment of the casing, a wick extending from the moistening pad between the vertical portions of the plunger into the sponge compartment and coil springs disposed around the vertical portions of the plunger and located within the casing to normally hold the plunger in elevated or retracted position. 20

In testimony whereof I have hereunto set my hand in presence of two subscribing witnesses. 25

WILLIAM R. BRENTS.

Witnesses:

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