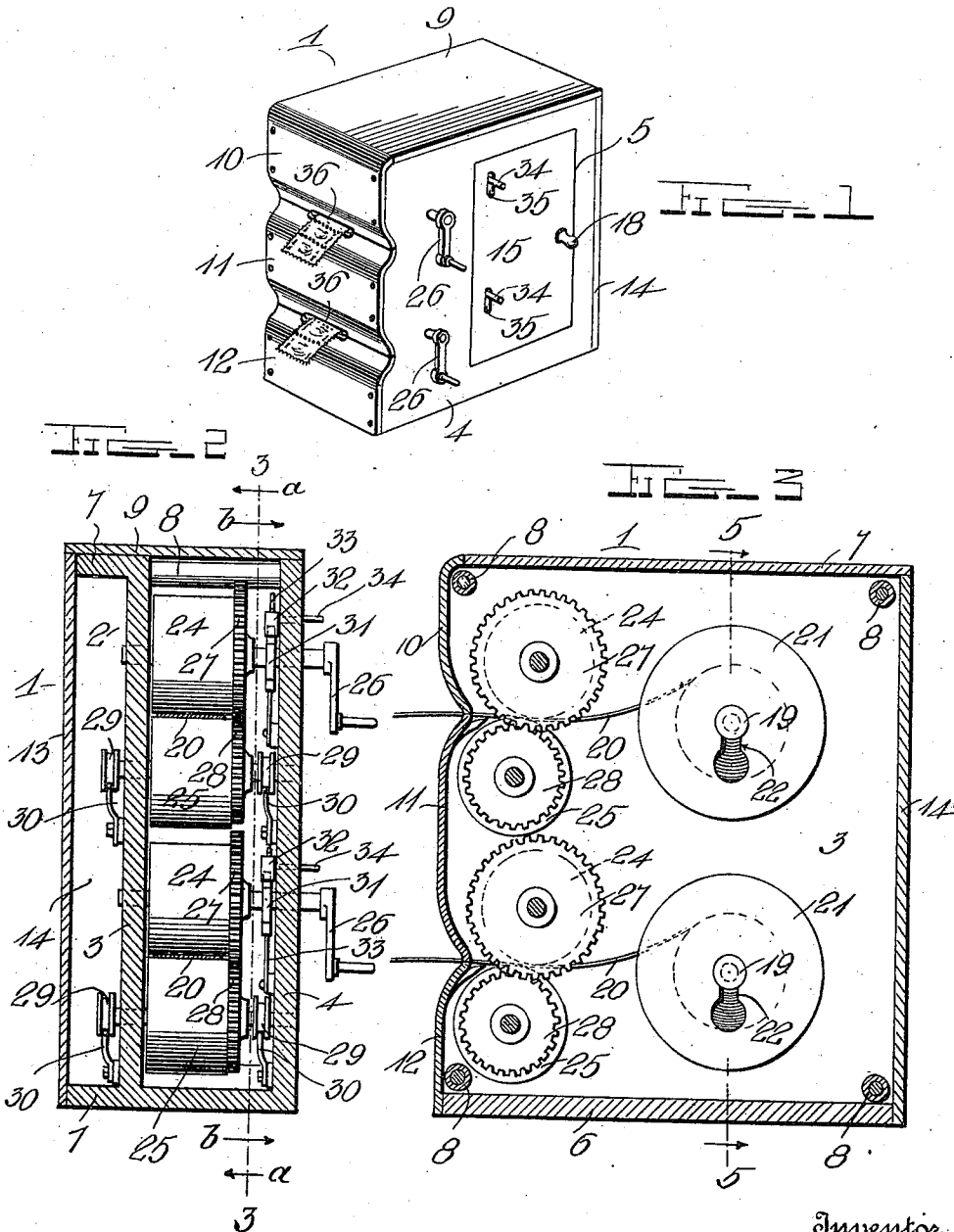


E. O. WEBB, JR.
 STAMP HOLDING AND DELIVERING CABINET.
 APPLICATION FILED FEB. 10, 1910.

976,018.

Patented Nov. 15, 1910.

2 SHEETS-SHEET 1.



Witnesses

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C. H. Grieshaber

Inventor

E. O. Webb, Jr.

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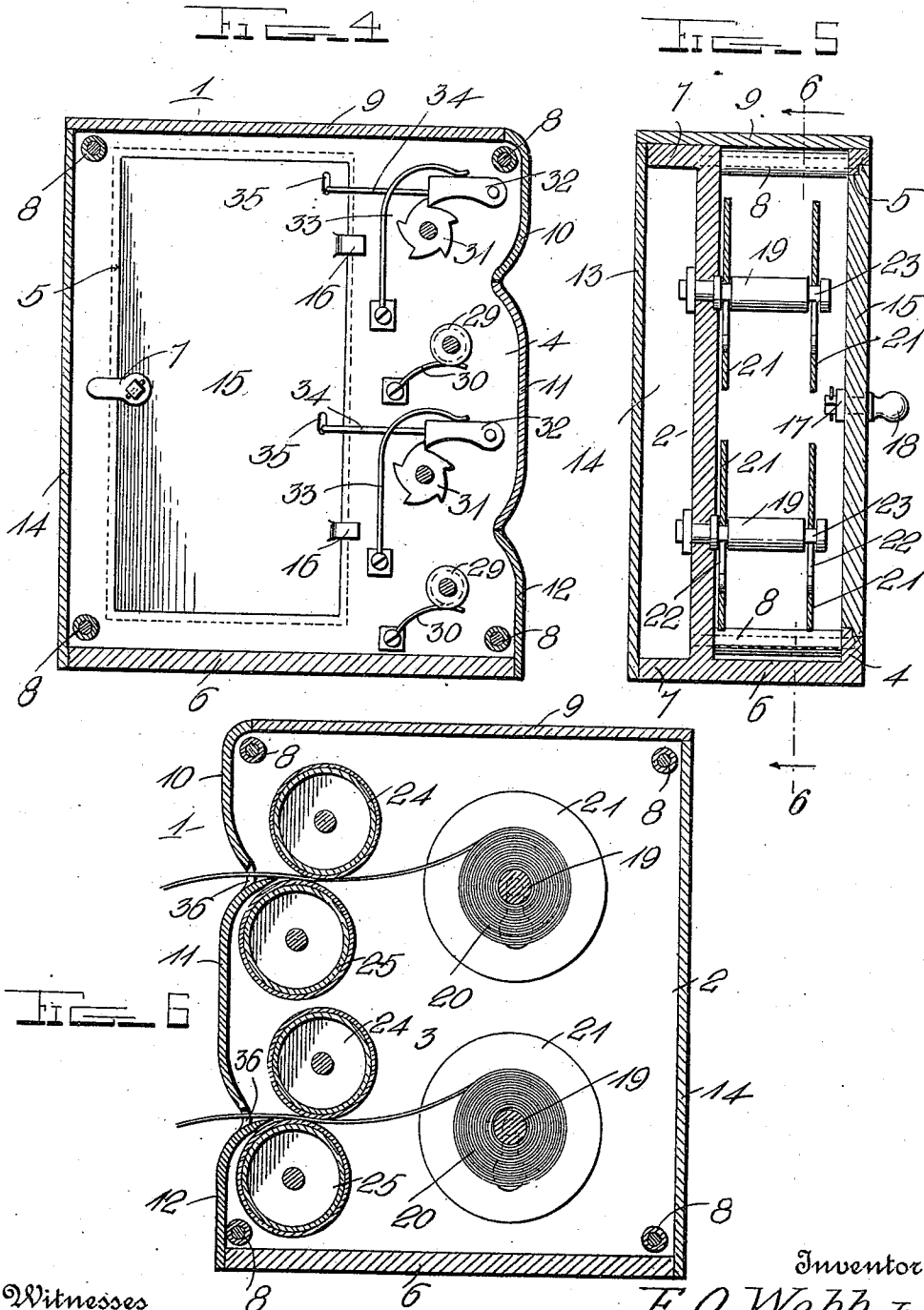
Attorneys

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UNITED STATES PATENT OFFICE.

EDWARD OTIS WEBB, JR., OF SAN JOSE, CALIFORNIA.

STAMP HOLDING AND DELIVERING CABINET.

976,018.

Specification of Letters Patent.

Patented Nov. 15, 1910.

Application filed February 10, 1910. Serial No. 543,068.

To all whom it may concern:

Be it known that I, EDWARD O. WEBB, JR., a citizen of the United States, residing at San Jose, in the county of Santa Clara and State of California, have invented certain new and useful Improvements in Stamp Holding and Delivering Cabinets; 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 improvements in stamp holding and delivering cabinets.

One object of the invention is to provide a device of this character in which stamps of different denominations may be held in compact form and protected from dust or injury.

Another object is to provide a device of this character having means whereby the stamps may be delivered or fed therefrom one at a time and the desired number readily removed without danger of tearing or mutilating the stamps.

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 claim.

In the accompanying drawings, Figure 1 is a perspective view of a stamp holding and delivering cabinet constructed in accordance with my invention; Fig. 2 is a vertical cross section of the same taken immediately in front of the stamp feeding rollers; Fig. 3 is a vertical longitudinal section through the machine on the line 3—3 of Fig. 2, looking in the direction of the arrow *a*; Fig. 4 is a similar view on the line 3—3 of Fig. 2, looking in the direction of the arrow *b*; Fig. 5 is a vertical cross section on the line 5—5 of Fig. 3; Fig. 6 is a vertical sectional view on the line 6—6 of Fig. 5.

Referring more particularly to the drawings, 1 denotes a cabinet which consists of a supporting frame 2, comprising parallel side plates 3 and 4, the latter being in skeleton form or provided with a rectangular opening 5 to afford access to the interior of the cabinet. The plates 3 and 4 are preferably secured together at their lower ends by an integrally formed bottom plate 6, and the plate 3 has formed on its upper and lower edges right angular laterally projecting flanges 7. The upper ends of the side plates

3 and 4 are connected together by suitable screw bolts and are held apart in spaced relation by spacing sleeves 8 arranged on the bolts as shown. The outer edges of the side plates 3 and 4, at the front end of the cabinet, are preferably recessed or notched at the points shown for a purpose hereinafter described.

The mechanism supported by the frame 2 is inclosed by a series of casing plates secured to the frame members by screws or other suitable fastening devices. The casing plates comprise a top plate 9, a series of downwardly bulged or curved front plates 10, 11 and 12, a side plate 13, and a rear end plate 14, said plates being secured to the frame in their respective positions, as shown. In the opening 5 formed in the plate 4 is arranged a removable panel or door 15, which preferably has formed on one edge laterally projecting off-set lugs 16, which are adapted to be engaged with one edge of the opening 5 and on its opposite edge said door plate or panel is provided with a pivoted catch lug 17, which is adapted to be engaged with the edge at the opposite side of the opening 5 and which is provided with an operating knob or handle 18. By this means it will be seen that when the knob is turned to disengage the latch 17 from the adjacent edge of the opening 5, the panel 15 may be swung outwardly and removed from the side of the frame, thus affording access to the interior of the cabinet.

Mounted at suitable positions in the side plate 3 of the frame and projecting into the space between the plates 3 and 4 are stub shafts 19, which are adapted to revolvably support upper and lower rolls of stamps, which are slipped onto the inner ends of the shafts through the opening 5 in the side plate 4. The stamp rolls are held in position on the shafts 19 by circular guard plates 21 in the center of which are formed key-hole shaped slots 22, which are adapted to be engaged with annular grooves 23 formed in the inner ends of the shafts 19, as shown. By means of the key-hole shaped slots 22, the plates 21 are readily slipped onto the ends of the shafts until the edges of the slots are opposite to the grooves in the shafts, at which time the plates are pushed downwardly, thus engaging the narrow portion of the slots with the grooves, thereby fastening the plates on the shaft.

Arranged between the plates 3 and 4 at

the forward end of the frame are upper and lower pairs of stamp feeding rollers, each of said pairs comprising an upper positively driven roller 24 and a lower pressure roller 25. The shafts or journals of the rollers 24 and 25 are revolubly mounted in suitable bearing apertures formed in the adjacent portions of the side plates 3 and 4 of the frame, and on the outer projecting ends of the shafts of the rollers 24 are secured crank handles or other operating devices 26. On one end of the rollers 24 are arranged spur gears 27, which are in operative engagement with similar gears 28 arranged on the adjacent ends of the pressure rollers 25. By thus connecting the rollers 24 and 25, the latter are driven in the proper direction by the movement of the former. On the opposite ends of the shafts of the rollers 25 are formed peripherally grooved disks or flanges 29 with which are engaged pressure springs 30 secured to the adjacent sides of the plates 3 and 4 by bolts or other suitable fastening devices. The pressure springs 30, when thus engaged with the disks 29, hold the rollers 25 up into yielding engagement with the rollers 24 or with the strips of stamps extending from the stamp rolls and passed between said rollers, as shown.

In order to normally hold the feed rollers against retrograde movement, I provide ratchet gears 31 one of which is fixedly mounted on the shafts of the rollers 24 adjacent to the inner side of the frame plate 4, and with said ratchet gears are adapted to be engaged stop pawls 32 pivotally mounted on the inner side of the plate 4, as shown. The pawls 32 are held in yielding engagement with the ratchets 31 by springs 33, which are also secured to the inner side of the plate 4, as shown. In order to permit the stamp feeding rolls to be turned backward when desired, as, for instance, to retract the strips of stamps which may have been unintentionally run out too far, I provide the pawls 32 with lifting rods 34, the inner ends of which are secured to the free ends of the pawls in any suitable manner, and the outer ends of which are bent at right angles and are projected through slots 35 formed in the panel 15 which forms the adjacent side of the casing. The ratchet gears 31 may be provided with any desired number of teeth, said gears being here shown and are preferably provided with five teeth, which are arranged to indicate the feeding of the stamps, one stamp being projected by the feeding rollers each time one of the ratchet teeth passes its pawl.

The diameter of the upper feeding rollers 24 is preferably such that for each complete revolution of the roller five stamps will be fed through one of the discharge passages

36 formed between the inner ends of the upper and lower front plates 10 and 12 and the adjacent ends of the intermediate front plate 11.

While I have herein shown and described but two stamp rolls and two sets of stamp feeding mechanism therefor, it is obvious that any number of rolls of stamps may be arranged in the manner described and feeding mechanism provided therefor for delivering as many different denominations of stamps as desired. It will also be seen that by means of my improved feeding or delivering mechanism, any number of stamps may be reeled off and projected through the discharge passages in the front of the cabinet and readily torn from the strip and delivered to the purchaser, thus dispensing with the frequent handling of the stamps or the exposure of the same, as when they are torn from the sheets in the usual manner of selling.

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 this invention as defined in the appended claim.

Having thus described my invention, what I claim is:—

In a stamp holding and delivering device, a cabinet, a supporting frame, stamp rolls revolubly mounted in said frame, pairs of revolubly mounted stamp feeding rollers adapted to unreel and feed said stamps from the cabinet, an operating handle connected with the shaft of the upper feed roller of said pairs, gears to connect said rollers together whereby the movement of the driven upper roller is imparted to the lower roller, a ratchet wheel fixed on the shaft of said upper roller, a spring projected pawl adapted to engage the teeth of said ratchet wheel to hold the upper roller against retrograde movement, a lifting rod connected with said pawl and having its free end projecting through said frame and casing whereby the pawl may be disengaged from said ratchet wheel to permit the rollers to be turned backward.

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

EDWARD OTIS WEBB, JR.

Witnesses:

D. D. TENNYSON,
M. B. NICORA.