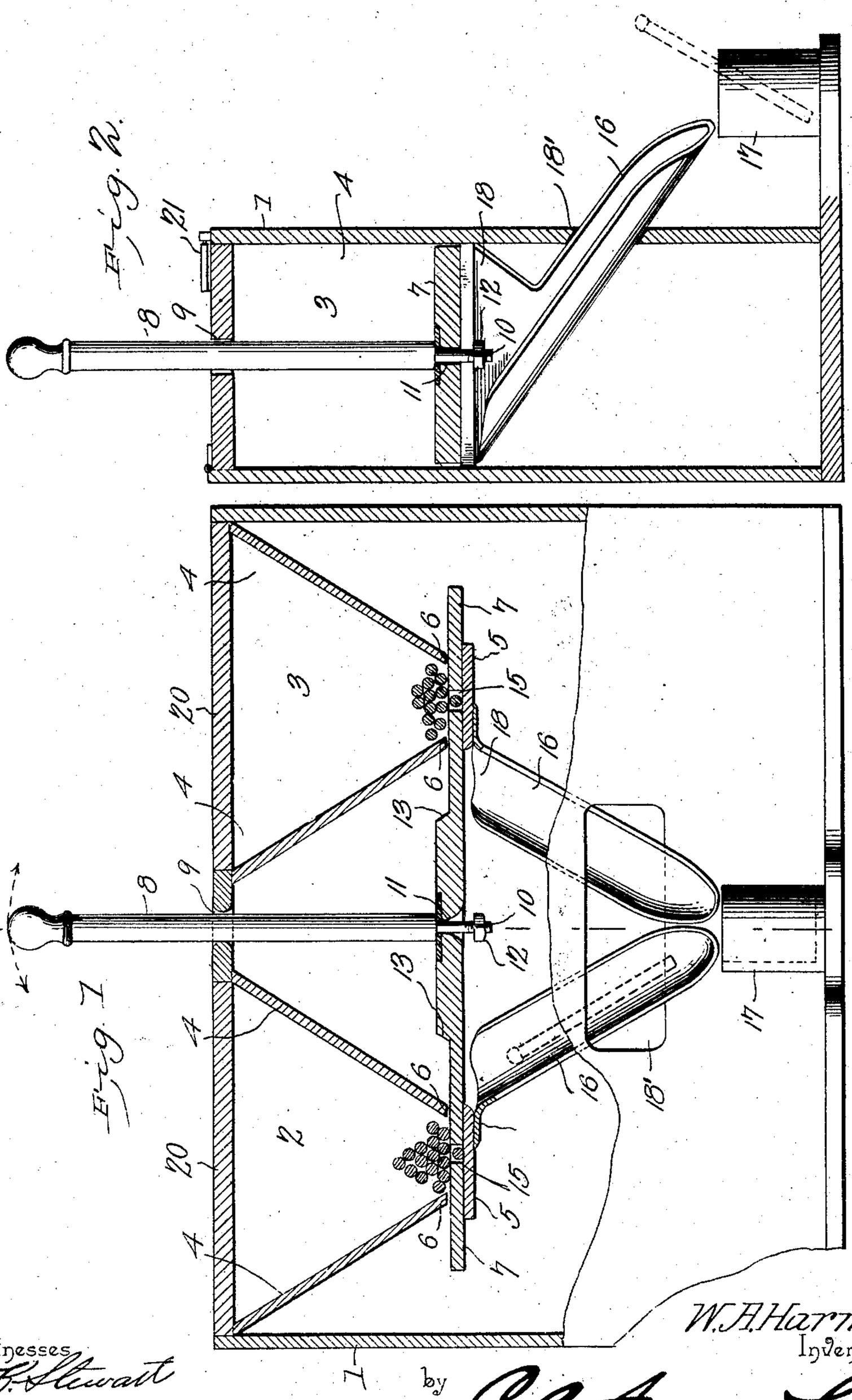
No. 737,736. PATENTED SEPT. 1, 1903.

W. A. HARMON.

SINGLE DELIVERY MATCH SAFE.

APPLICATION FILED APR. 4, 1903.

NO MODEL.



No. 737,736. Patented September 1, 1903.

UNITED STATES PATENT OFFICE.

WILLIAM ADALBERT HARMON, OF SKAGWAY, ALASKA TERRITORY.

SINGLE-DELIVERY MATCH-SAFE.

SPECIFICATION forming part of Letters Patent No. 737,736, dated September 1, 1903.

Application filed April 4, 1903. Serial No. 151,113. (No model.)

To all whom it may concern:

Be it known that I, WILLIAM ADALBERT HARMON, a citizen of the United States, residing at Skagway, in the Territory of Alaska, have invented a new and useful Single-Delivery Match-Safe, of which the following is a specification.

This invention relates to certain improvements in match-safes, and more particularly to that class commonly known in the art as "single-delivery" safes.

The object of the invention is to provide a simple, inexpensive, and efficient device of this character by means of which a quantity of matches may be delivered one at a time from the safe into a suitable receptacle for distribution.

A further object of the invention is to provide a match-safe in which the receptacles adapted to contain the matches are arranged side by side, being provided with a common slide and operating-handle, so that when said handle is reciprocated a single match will be delivered alternately from each of the receptacles, the matches being delivered through a chute into a suitable tray and in such a position as to be easily grasped by the hand.

A still further object of the invention is to provide a device by which single matches are delivered from a safe or container to a suitable receptacle, the matches being turned during the delivery from a horizontal to a vertical position, so that they may be conveniently removed from said receptacle.

The invention consists in the construction and novel combination and arrangement of parts hereinafter fully described, illustrated in the accompanying drawings, and pointed out in the claims hereto appended, it being understood that various changes in form, proportion, and minor details of construction may be resorted to without departing from the principle or sacrificing any of the advantages of this invention.

In the drawings, Figure 1 is a side elevation of a match-safe constructed in accordance with my invention, parts being broken away to show the interior construction. Fig. 2 is a transverse sectional view taken on the line 2 2 of Fig. 1.

Similar numerals of reference indicate corresponding parts in both figures of the drawings.

1 designates a frame or casing formed of wood, metal, or other suitable material, preferably rectangular in shape and having secured to the inner side wall thereof in any suitable manner, as by screws or similar fastening devices, a pair of match receptacles or reservoirs 2 and 3. The match-receptacles 2 and 3 are formed with converging side walls 4, which terminate a short distance above the bottom 5, defining coincident openings 6, adapted to receive a reciprocating slide 7. The slide 7 is reciprocated by means of a lever 8, which passes through an opening 9 in the top of the frame or casing, being provided with a reduced threaded end 10, which fits loosely in an opening 11 in the slide 7, being secured thereto by means of a nut 12, which engages the threaded end of said lever. The slide 7 is provided with a thickened central portion 13, defining a pair of inclined or beveled shoulders 14, the inclination of which corresponds to the inclination of the side walls 4, and these shoulders form stops limiting the outward movement of the slide in both directions, as clearly shown in Fig. 1 of the drawings. The opposite ends of the slide 7 are provided with transversely-disposed openings 15, preferably of a size to accommodate a single match, and as the end of the slide passes beneath the receptacles a single match is deposited therein. As the slide is withdrawn the match falls in a chute 16, which delivers it into a cup 17 outside the casing. The two chutes 16 may be of any desired construction and formed of a single sheet of metal, or each chute may be a separate structure, as shown in the drawings, and provided with laterally-extending wings 18, which are secured in any suitable manner, as by screws, rivets, or the like, to the bottom of the receptacles 2 and 3, the spout of each chute passing through an opening 18 in the front of the casing. The match-recep-

tacles 2 and 3 are provided with independently-hinged covers 20, each of which is provided with a suitable lock 21, or, if desired, said receptacles may be provided with a common cover extending the entire length of the casing. The operation of my device will be readily understood and is as follows:

The receptacles 2 and 3 are filled with matches by lifting the hinged covers, after which said covers are locked to prevent the removal of the matches other than in the proper manner. The parts being in the position shown in Fig. 1 of the drawings, if the lever 8 is moved to the right a single match, which has been deposited in opening 15, will be withdrawn from the receptacle 3 and dropped in the chute 16, being delivered to the cup 17 in a vertical position, so as to be easily grasped by the hand. When the lever is moved to the left, a similar operation will take place, the matches being delivered alternately and one at a time from said receptacles into the cup 17 outside the casing, while the inclined shoulders 14 form stops limiting the outward movement of the slide. In some cases only a single receptacle, slide, and chute may be employed in place of the duplicate structure shown.

Having thus described the invention, what I claim, and desire to secure by Letters Patent, is—

1. A match-safe comprising a pair of receptacles or reservoirs, a common slide adapted to pass within said receptacles and means for operating the slide to deliver single matches alternately at a point intermediate said receptacles.

2. A match-safe comprising a pair of receptacles or reservoirs, a receiving-cup arranged at a point intermediate the receptacles, a common slide adapted to pass through openings in the walls of said receptacles and a handle for reciprocating the slide and effecting the delivery of a single match alternately from said receptacles into the receiving-cup.

3. A match-safe comprising a pair of receptacles or reservoirs, a receiving-cup arranged at a point intermediate the receptacles, a chute disposed beneath each of said receptacles, a common slide adapted to pass through openings in the walls of said receptacles, and means for operating the slide and effecting the delivery of a single match alternately from said receptacles into the receiving-cup.

4. In a match-safe the combination with a frame of a pair of receptacles or reservoirs each having oppositely-disposed inclined side walls, a match-receiving cup arranged at a point intermediate said receptacles, a horizontally-disposed reciprocating slide provided with transversely-disposed match-receiving openings adapted to pass through openings in the walls of said receptacles, a chute arranged beneath each of said receptacles and a pivoted handle for reciprocating the slide and delivering a single match alternately from said receptacles into the receiving-cup.

5. A match-safe comprising a pair of receptacles or reservoirs, a receiving-cup arranged at a point intermediate said receptacles, a horizontally-disposed reciprocating slide provided with match-receiving openings passing through openings in the walls of said receptacles, said slides being provided with oppositely-inclined shoulders adapted to engage the side walls of the receptacles and limit the outward movement of the slide, a chute arranged beneath each of said receptacles and a pivoted handle for reciprocating the slide and delivering a single match alternately into the match-receiving cup.

6. A match-safe comprising a frame or casing, a pair of receptacles or reservoirs secured within the casing, a receiving-cup arranged at a point intermediate said receptacles, a horizontally-disposed reciprocating slide passing through openings in said receptacles, a chute arranged beneath each of said receptacles, and a lever one end of which passes through an opening in the frame, the opposite end thereof being secured to the slide and adapted to reciprocate the same and deliver a single match alternately from said receptacles into the receiving-cup.

In testimony that I claim the foregoing as my own I have hereto affixed my signature in the presence of two witnesses.

WILLIAM ADALBERT HARMON.

Witnesses:

C. E. SHELLY,

JAMES MARSHALL.