May 8, 1923. 1,454,529

W. ZEBRA

MATCH BOX

Filed Dec. 6, 1920 2 Sheets-Sheet 1

FIG. 1

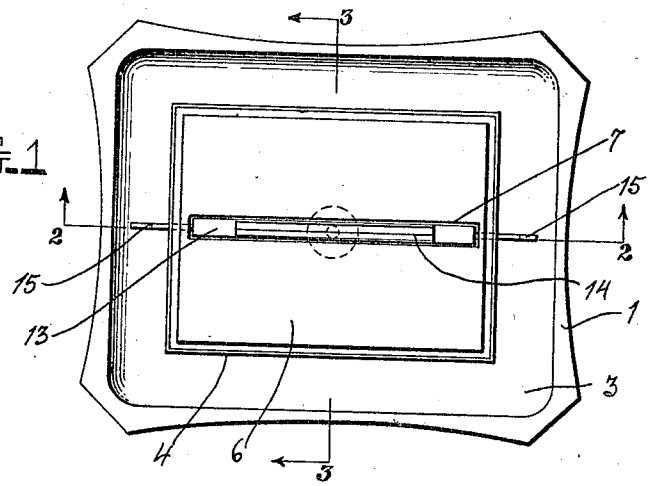


FIG. 2

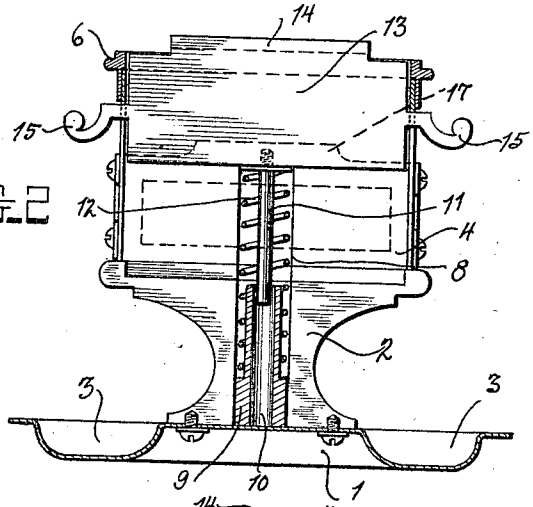
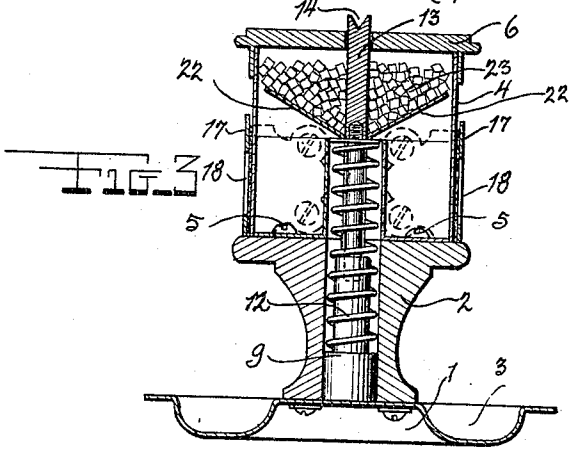


FIG. 3



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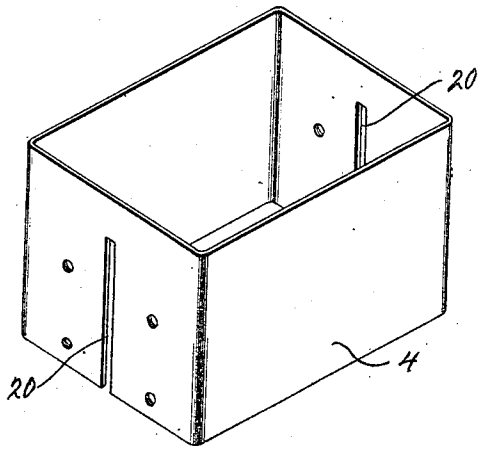


FIG. 4

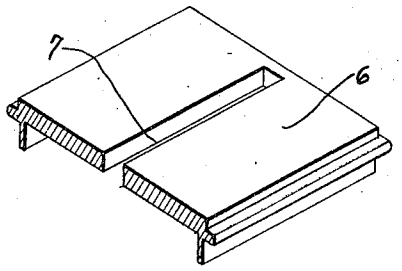


FIG. 5

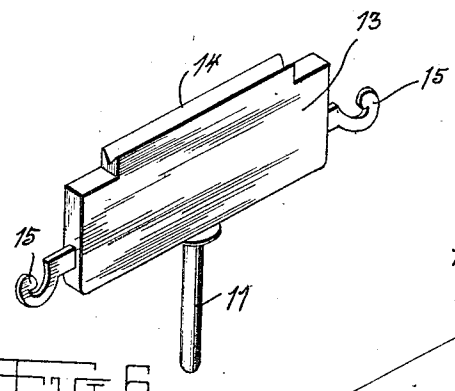


FIG. 6

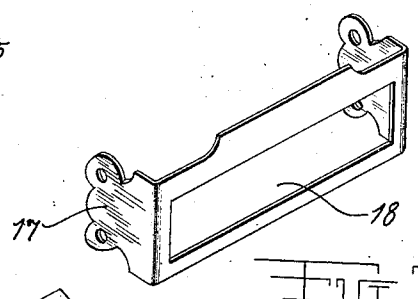


FIG. 7

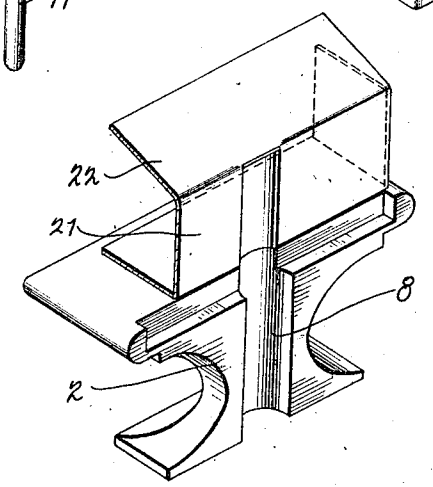


FIG. 8

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Patented May 8, 1923. 1,454,529

UNITED STATES PATENT OFFICE.

WILLY ZEBRA, OF NEW YORK, N. Y.

MATCH BOX.

Application filed December 6, 1920. Serial No. 428,479.

To all whom it may concern:

Be it known that I, WILLY ZEBRA, a citizen of Czechoslovakia, residing at New York, in the county of New York and State of New York, have invented certain new and useful Improvements in Match Boxes, of which the following is a specification.

The main object of this invention is the provision of a match box or receptacle having means for readily and conveniently delivering a single match at a time.

The above and other objects will become apparent in the description below, in which like-named characters of reference refer to like-named parts in the drawings.

Referring briefly to the drawings, Fig. 1 is a plan view of the device.

Fig. 2 is a sectional view on the plane 2—2 of Fig. 1.

Fig. 3 is a sectional view on the plane 3—3 of Fig. 1.

Fig. 4 is a perspective detail view of the upper body member of the device.

Fig. 5 is a fragmentary perspective view, partly in section, of the slotted cover of the device.

Fig. 6 is a perspective view of the slidable match-delivering member and its support.

Fig. 7 is a perspective view of one of the match-striking sheet supports.

Fig. 8 is a detail perspective view of one of the two similar supporting pedestal parts and match-compartment partitions, showing the structure thereof.

Referring in detail to the drawings, the numeral 1 represents the base of the device having ash-receiving grooves 3 about the periphery thereof. The pedestal 2, composed of two similar halves as seen in Fig. 8, rests upon the base, and the frame or body member 4 rests upon the pedestal, being secured by screws or the like 5. A cover plate 6 surmounts the frame, and is provided with a slot 7. A vertical channel 8 extends thru the pedestal. Metal sheets 21, bent as shown in Fig. 8, are mounted upon the pedestal, the upper ends of the sheets being inclined as shown at 22 the vertical elements 21 being shaped at the centre so as to provide an upward continuation or extension of the channel 8. A filler 9 is mounted in the lower end of said channel, and a smaller channel 10 extends thru the filler. A stem 11 is slidably mounted in the channel 10, and a member 13 is rigid with the upper end of the stem. A coiled compression spring 12 surrounds the stem, and urges said member 13 upward. The upper edge of the member 13 is angularly grooved at 14 so that a single match may be lifted thereby. Handles 15 extend from the sides of the member 13, through slots 20 in the frame 4, to allow vertical movement of them.

Bands 17 are attached on opposite sides of the frame 4, and are provided with spaces 18 in which sand paper or the like may be secured for striking matches. It is apparent in Fig. 3 that the two members 21 provide a compartment with inclined walls, this compartment containing matches 23 which tend to fall toward its bottom.

In operation, in order to deliver a single match, the member 13 is forced down by depressing one or both of the handles 15. The member then descends to the lowermost point of said compartment, and upon release of the handles 15, rises by action of the spring. However, in the ascent a single match will be carried in the groove 14 and will appear finally just above the surface of the cover 6. Repetition of this operation will result in continued delivery of a single match at each operation.

I claim:

In a device of the class described, the combination with an ornamental, substantially rectangular sheet metal base having an ash receiving channel in its upper surface, a pedestal on said base, a rectangular hollow casing mounted on said pedestal, having opposed central vertical slots in its upper portion, its exterior carrying abrading surfaces, converging downwardly inclined longitudinal partitions fixed in said casing, and spaced at their lower edges, a cover having a slot in register with the mentioned space, a plunger movable through the space and slot, said plunger having a groove in its upper edge, a guide for said plunger, a spring for normally raising said plunger, and rigid handles formed at each end of said plunger, said handles extending through the slots in said casing and acting as limit stops for the movement of the plunger.

In testimony whereof I affix my signature.

WILLY ZEBRA.