B. BREAUM.

MATCH BOX.

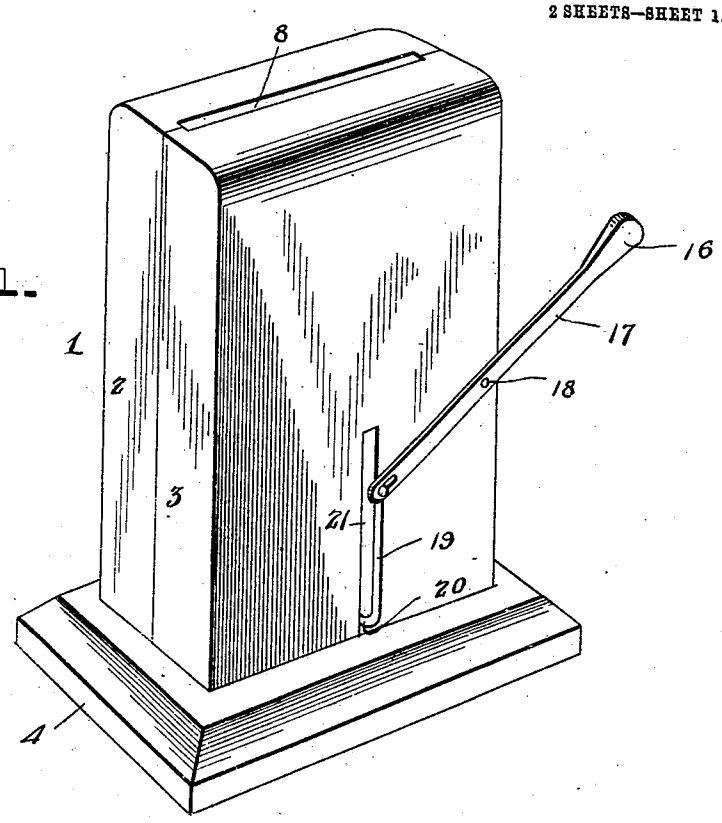
APPLICATION FILED APR. 2, 1908.

917,708.

Patented Apr. 6, 1909.

2 SHEETS—SHEET 1.

Fig. 1.



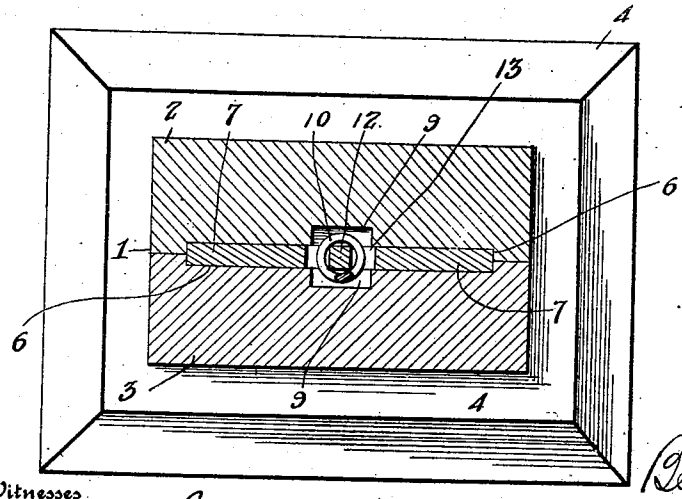


Fig. 4.

Witnesses

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2 SHEETS—SHEET 2.

Fig. 1.

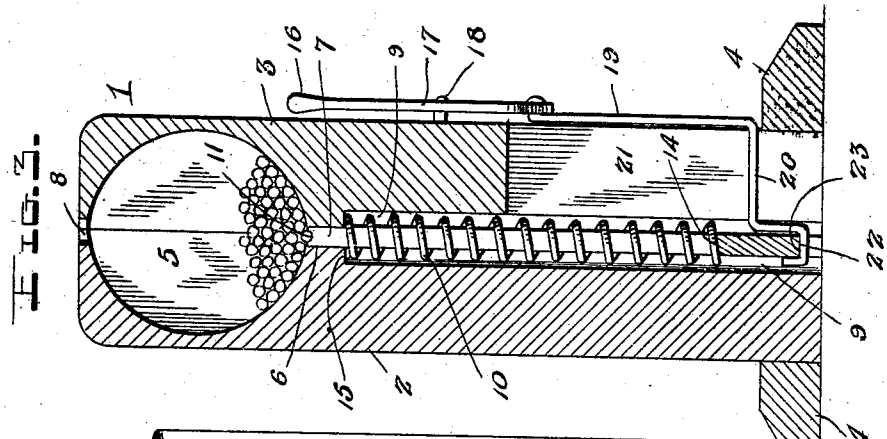


Fig. 3.

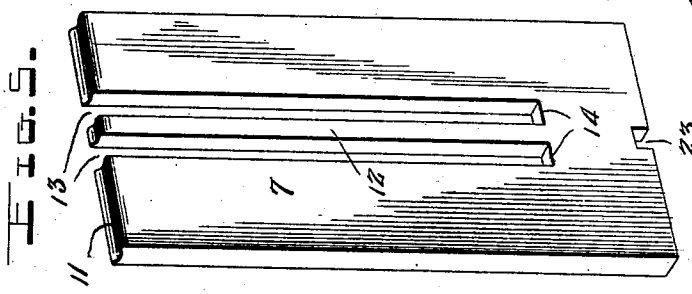
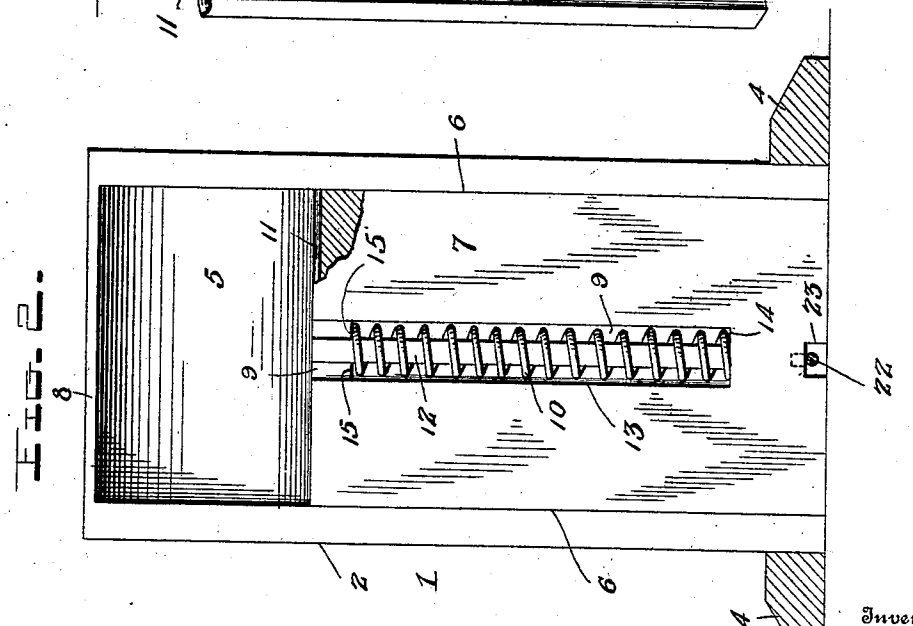


Fig. 2.



Witnesses.

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MATCH-BOX.

No. 917,708. Specification of Letters Patent. Patented April 6, 1909.

Application filed April 2, 1908. Serial No. 424,765.

To all whom it may concern:

Be it known that I, BERTINIUS BREAUM, a citizen of the United States, residing at Taylor, in the county of Stark and State of North Dakota, have invented certain new and useful Improvements in Match-Boxes, of which the following is a specification, reference being had to the accompanying drawings.

My invention relates to improvements in match boxes of that class in which the matches are delivered one at a time.

The object of the invention is to provide a device of this character which will be simple and inexpensive in construction, strong and durable in use and reliable and efficient in operation.

With the above and other objects in view, the invention consists of the novel features of construction and the combination and arrangement of parts hereinafter fully described and claimed, and illustrated in the accompanying drawings, in which—

Figure 1 is a perspective view of my improved match box; Figs. 2 and 3 are vertical longitudinal and transverse sectional views; Fig. 4 is a horizontal section; and Fig. 5 is a detail perspective of the match delivery slide or plunger.

My improved single delivery match box comprises a body 1 made in two similar half sections, 2—3 and mounted in a removable base 4. The latter is of rectangular form and has a central opening to receive the lower ends of the two half-sections 2, 3, which latter will be thereby secured together by said base. Said body 1 is preferably of rectangular form and it is divided vertically and longitudinally to provide two half sections. Formed in the upper portion of the body is a cavity or chamber 5 adapted to receive the matches and in its remaining portion is formed a vertically disposed guide channel or opening 6 for a match delivery slide or plunger 7 which is adapted to have its upper end reciprocate through the cavity 5 and a discharge opening 8 formed in the top of the body. Half of the cavity 5, the channel 6 and the opening 8 is formed in the inner face of each of the half sections 2—3, and in the bottoms or the opposing faces, of the channels or guide ways 6 are formed centrally disposed longitudinal extending recesses or grooves 9 to receive a coil spring 10 which actuates the slide or plunger in a downward direction and maintains its grooved upper end 11 normally at the lowermost point in the cavity 5, the latter owing to its shape has the lower portion of its side walls inclined downwardly and inwardly. The groove 11 in the top of the slide is just of sufficient size to receive and hold a match so that, as the slide moves upwardly through the cavity 5 a single match will be elevated by it and raised through the discharge opening 8 at the top of the body. The coil spring 10 surrounds the guide rod 12 formed integral with the slide 7 by forming in it on opposite sides of its center longitudinally or vertically extending recesses 13, as clearly shown in Fig. 5. Said spring surrounds the guide stem 12, and has its lower end engaged with the bottoms 14 of the recesses or slots 13 and its upper end engaged with shoulders 15 formed by the closed upper ends of the grooves 9.

The slide or plunger 7, is adapted to be elevated by depressing the handle 16 of a lever 17, pivoted intermediate its ends at 18 in the outer side of the half section 3 of the body and having its free end pivotedly connected to a link 19 disposed vertically and having at its lower end an inwardly extending portion 20 to slide in a vertical slot 21 formed in the lower portion of said half section 3. The inner end of the inwardly bent portion 20 of the link is formed with a hook 22 adapted to engage a notch 23 formed centrally in the bottom of the slide or plunger 7. It will be seen that when the hand lever is operated the slide 7 will be moved upwardly and its grooved top or channel will pass through the match receiving cavity or chamber 5 to pick up a match therein and project it through the discharge opening 8.

Having thus described my invention what I claim is:

1. A match box comprising a body having two separable half-sections, means within said body for holding and delivering matches, and an open base adapted to receive the lower ends of said half-sections and retain them in engagement with each other.

2. A match box, comprising a body composed of half sections and having between the latter a cavity or chamber for the matches, a discharge opening and a guide way or channel, the opposing faces of said guide way or channel being formed with opposing grooves, a match delivery slide arranged in the guide way or channel and having its upper end grooved to receive a match, and slotted longitudinally to provide a guide stem, a coil spring for depressing the slide

arranged upon said guide stem and projecting into said grooves, its upper end engaging the closed upper ends of the latter, means for elevating the slide and means for holding the half-sections of the body together.

3. A match box, comprising a body composed of half sections and having between the latter a cavity or chamber for the matches, a discharge opening and a guide way or channel, the opposing faces of said guide way or channel being formed with opposing grooves, a match delivery slide arranged in the guide way or channel and having its upper end grooved to receive a match, and slotted longitudinally to provide a guide stem, a coil spring for depressing the slide arranged upon said guide stem and projecting into said grooves, its upper end engaging the closed upper ends of the latter, a link arranged for a sliding movement in the slot or opening in one side of the body and having its lower end bent to provide a hook engaged with a notch in the bottom of the slide a lever pivoted to the body for operating the link and means for holding the half-sections of the body together

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

BERTINIUS BREAUM.

Witnesses:

W. J. ANDERSON,

T. H. MYRAN.