

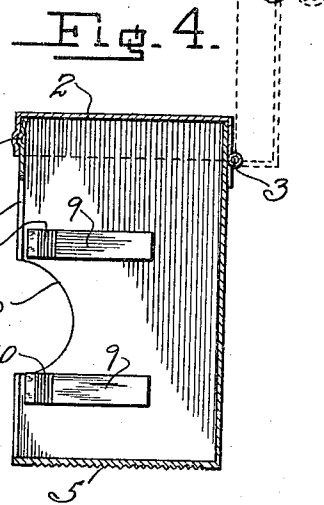
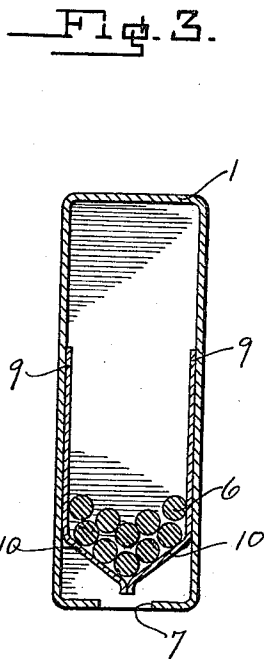
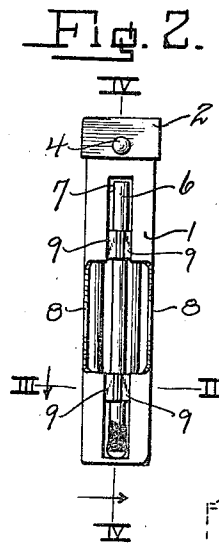
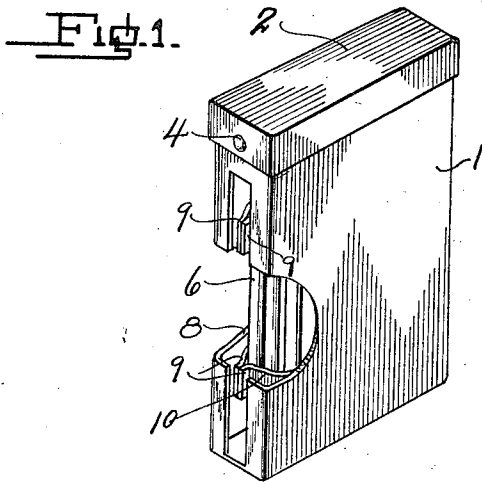
Jan. 13, 1925.

L. GLANZER

1,522,776

MATCH BOX

Filed March 12, 1924



Inventor
Ludwig Glanzer
By *[Signature]*
His Attorney

Patented Jan. 13, 1925.

1,522,776

UNITED STATES PATENT OFFICE.

LUDWIG GLANZER, OF WINKLER, KANSAS.

MATCH BOX.

Application filed March 12, 1924. Serial No. 698,791.

To all whom it may concern:

Be it known that I, LUDWIG GLANZER, a citizen of the United States, residing at Winkler, in the county of Riley and State of Kansas, have invented certain new and useful Improvements in Match Boxes, of which the following is a complete specification.

My invention relates to improvements in match boxes, and especially to match boxes which are made to be carried in the pocket.

The object of my invention is to provide a new and novel structure of a match box which will enable the user to quickly and easily extract a match without the ordinary trouble encountered by the use of the ordinary small or pocket match box.

One of the objects of the invention is the provision of a box of the character mentioned, which may be used with matches of any size, tooth picks, crayons or other articles that are manufactured and sold in the general sizes and shapes of matches.

A further object of this invention is to provide a match box which is cheap to make, may be used in connection with advertising campaigns by placing matter on its sides and giving them away to prospective purchasers of the advertised commodity, and will, at the same time, be highly desirable to the user.

A still further object of the invention is the provision of novel retaining means, housed within the casing of a match box, which will prevent the contents from falling out before the user of the box operates said retaining means.

With the foregoing general objects in view, the invention will now be described by reference to the accompanying drawings illustrating one form of construction which I have devised for embodying the invention, after which the various novel features therein will be particularly set forth and claimed.

In the drawing:

Figure 1 is a perspective view of a pocket match box embodying this invention.

Fig. 2 is an edge view of the box showing the longitudinal slot and relative location of the arcuate finger openings.

Fig. 3 is an enlarged, horizontal section of the box, taken on line III—III of Fig. 2, looking in the direction of the arrows, and

Fig. 4 is a vertical central section of the same showing, in dotted lines, the position of the box top when same is to be re-filled.

Referring now to the drawings in detail, wherein similar reference characters refer to like parts throughout the several views.

The match box comprises a casing 1 which is open at one end to provide means for re-filling. A top 2 may be hingedly attached as at 3 for closing the open end, and any suitable retaining means 4 may be supplied to retain top 2 in the closed position. A roughened surface 5 should be formed directly upon the casing 1 to be used for scratching the matches 6 after they are extracted from the box.

After casing 1 has been filled, and top 2 snapped in place, it is not necessary to re-open the top each time a match or similar article is desired. A slot 7 is cut into one of the edges of casing 1, which is slightly larger in all dimensions than the size of match used in the box. Arcuate openings 8 of a size large enough to permit the entrance of thumb and finger tips are cut into each side of casing 1 and near the edge wherein slot 7 is located. These arcuate openings continue through the edge of casing 1 and terminate, to form a continuous opening, at the slot 7, as shown in Fig. 1.

Any suitable retaining means, such as springs 9, may be supplied within casing 1 to prevent matches 6 from issuing before desired. These springs 9 should be arranged in opposed relation, with one end rigidly attached to the inner side of casing 1 and their free or opposite ends meeting adjacent slot 7. They should be short enough to allow space between the wall of the casing 1 and the ends of springs 9 as shown in Fig. 4. Converging portion 10 of springs 9 insure a meeting of the springs at the vertical center of slot 7, and, also, acts as a guide for positioning the matches conveniently so that there is always one ready, at the front and near slot 7, for extraction.

The operation is obvious. When a match is wanted, all that has to be done with this box is to grasp the foremost match, by passing thumb and finger tip through arcuate openings 8 and draw it forward and out by allowing the outward pressure to force springs 9 apart. The retaining springs immediately assume the closed position again and hold the remaining matches within the box until needed.

It will thus be seen that I have arranged a compact, simple and efficient means for fulfilling the objects of the invention, and

while I have illustrated what now seems to constitute the preferred form of construction, I desire to reserve the right to make such changes or modifications as may fairly fall within the scope of the following claims.

I claim:

1. In combination with a match box comprising a casing having a longitudinal slot in one of its sides and an arcuate opening in each of the adjoining sides of a diameter less than the length of said slot, a plurality of co-acting springs supported in opposed relation within the casing, said springs converging from the sides of said casing and meeting at the middle of the longitudinal slot in said casing at points intermediate said arcuate opening and the ends of said longitudinal slot.

2. The combination with a match container having a casing with removable top,

roughened exterior surface, and a longitudinal slot and arcuate openings cut into said casing, a plurality of co-acting spaced apart sets of springs supported at one end within the casing, said springs being disposed to cause their free ends to meet at the middle of the longitudinal slot of said casing.

3. In combination with a pocket match box having a casing with a longitudinal slot therein and arcuate openings extending from said slot at approximately the center thereof, a plurality of springs rigidly attached at their one end to the opposite sides of and within said casing and having their free ends meet at the vertical center of the longitudinal slot at points intermediate the ends of said slot and said arcuate openings.

In witness whereof I hereunto affix my signature.

LUDWIG GLANZER.