G. RIETVELD.

MATCH BOX.

APPLICATION FILED FEB. 21, 1916.

1,203,787.

Patented Nov. 7, 1916.

2 SHEETS—SHEET 1.

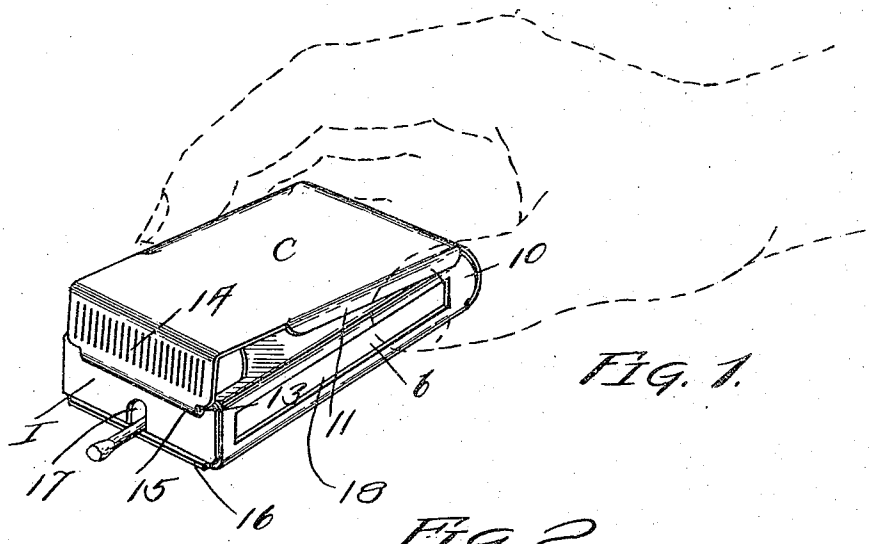


FIG. 1.

FIG. 2.

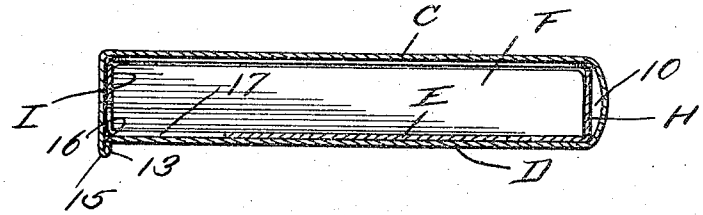


FIG. 3.

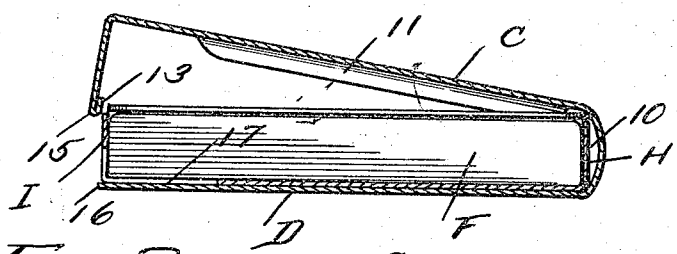
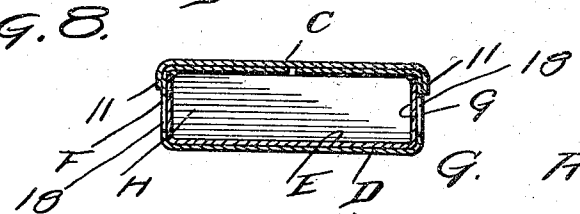


FIG. 8.



Witnesses

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2 SHEETS—SHEET 2.

FIG. 4.

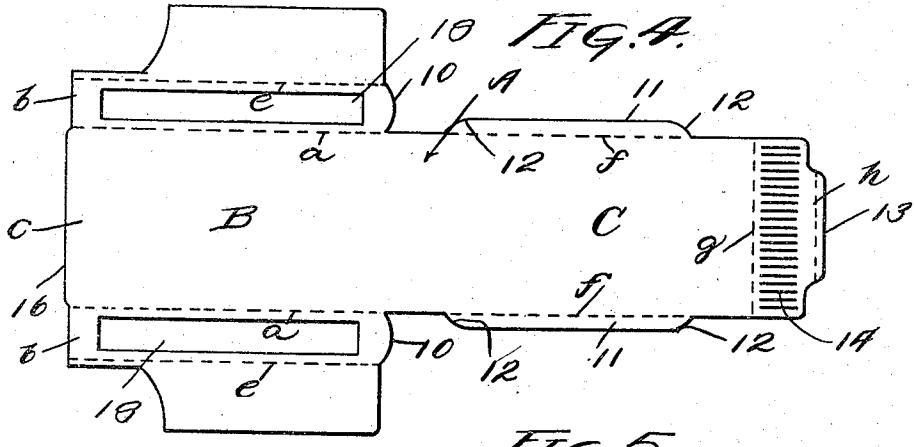


FIG. 5.

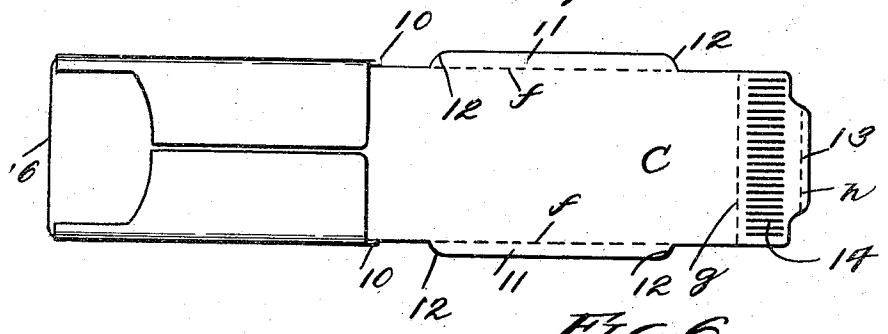


FIG. 6.

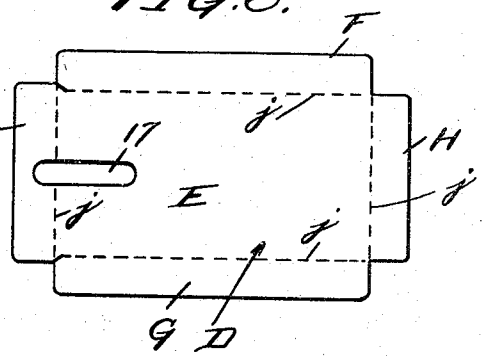
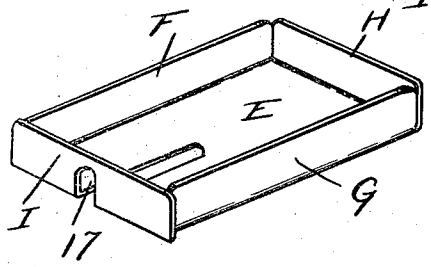


FIG. 7.



Witnesses

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MATCH-BOX.

1,203,787. Specification of Letters Patent. Patented Nov. 7, 1916.

Application filed February 21, 1916. Serial No. 79,738.

To all whom it may concern:

Be it known that I, GIDEON RIETVELD, a citizen of the United States, residing at Knoxville, in the county of Marion, State of Iowa, have invented certain new and useful Improvements in Match-Boxes; and I do hereby 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 match boxes.

It is my purpose to provide a match box embodying a body section and a removable drawer section, each of said sections being made from a single sheet of metal bent to the requisite shape.

It is my further purpose to provide a match box of the type named in which the matches can be delivered singly and which will possess the desired features of simplicity, efficiency and durability, and which may be manufactured and sold at a relatively small cost.

With the above and other objects in view the invention consists in the details of construction and in the arrangement and combination of parts to be hereinafter more fully described and particularly pointed out in the appended claim.

In describing the invention in detail reference will be had to the accompanying drawings wherein like characters of reference denote corresponding parts in the several views, and in which—

Figure 1 is a perspective view of the complete match box with the spring cover in open position and showing the manner of delivering a single match from the box; Fig. 2, a longitudinal section of the complete match box with the cover in closed position; Fig. 3, a view similar to Fig. 2 with the cover in open position; Fig. 4, a plan view of the blank from which the body of the box is made, the scoring or lines upon which the blank is to be bent being represented by dotted lines; Fig. 5, a view showing the body partially folded; Fig. 6, a plan view of the blank from which the drawer of the box is made, and Fig. 7, a perspective view of the drawer folded to shape. Fig. 8 is a central transverse section through the device in closed position.

Referring to the drawings and particularly to Fig. 4 A indicates the blank of sheet metal from which the body of the box is to be formed. This blank is cut as shown in Fig. 4, that is to say with a substantially rectangular body section B which is to be folded to constitute the main portion of the body, and a relatively long tongue C which extends from the section B and which tongue section when bent is to form the spring cover. It will be noted that the inner end edge of the section B adjacent each side of the section C is curved convexly as at 10 while the tongue C is provided on each side with a lateral extension 11 having curved end edges 12. The free end of the section C is provided with an extension 13 and just inward of this extension said section is provided with serrations 14 on which the matches are adapted to be struck. In forming the body of the box the longitudinal section B of the blank is first bent or folded on the longitudinal parallel lines *a*, so that two side sections *b* are formed at right angles to the section *c*, which latter constitutes the front of the box. Each side section *b* is in turn folded or bent inward on the lines *e* and in this way a guideway is formed for receiving the removable drawer section of the box. The blank now appears substantially as shown in Fig. 5. The extensions 11 are then folded at right angles to the section C on the lines *f*. The tongue C is then folded so as to constitute the spring cover of the box, the inner end of the tongue being bent on the convexly curved portions 10 while the free end of the tongue is bent on the transverse line *g* and then on the transverse line *h* so as to form the outer end portion of the box. By folding the tongue on the line *h* the extension 13 is provided with a rib 15 for detachably engaging over the slightly extended edge portion 16 of the section B to secure the cover in closed position. By simply pushing outward on the rib 15 with the thumb the cover is easily released.

The drawer section of the box is also formed from a sheet metal blank indicated generally at D. This blank includes a central section E, oppositely disposed tongues F and G, and oppositely disposed tongues H and I. The blank D is provided with a longitudinal slot 17 which is located in the central section E and has one end extending into the tongue I. In forming the drawer the various tongues of the blank D are bent on the lines *j* at right angles to the central portion E which completes the formation of the drawer. The manner of ap-

plying the drawer to the body of the box is clearly shown in Figs. 1, 2 and 3. By providing the slot 17 it will be obvious that the matches can be delivered singly as clearly shown in Fig. 1.

It will be noted that the side sections *b* are provided with elongated openings 18 respectively whereby the matches may be struck on the sides of a safety match box when the drawer section is utilized in connection with the outer or tubular portion of a safety match box.

What is claimed is:

A match box formed from a metal blank bent to produce a tubular section and a spring cover adapted in closed position to overlie the outer end of the tubular section, and a drawer section removably engaged in the tubular section, said drawer section having a longitudinal slot in its bottom and extending into its outer end wall to form a discharge opening for a single match.

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

GIDEON RIETVELD.

Witnesses:

W. G. VANDER PLOEG,

HAZEL GADD.

Copies of this patent may be obtained for five cents each, by addressing the "Commissioner of Patents, Washington, D. C."