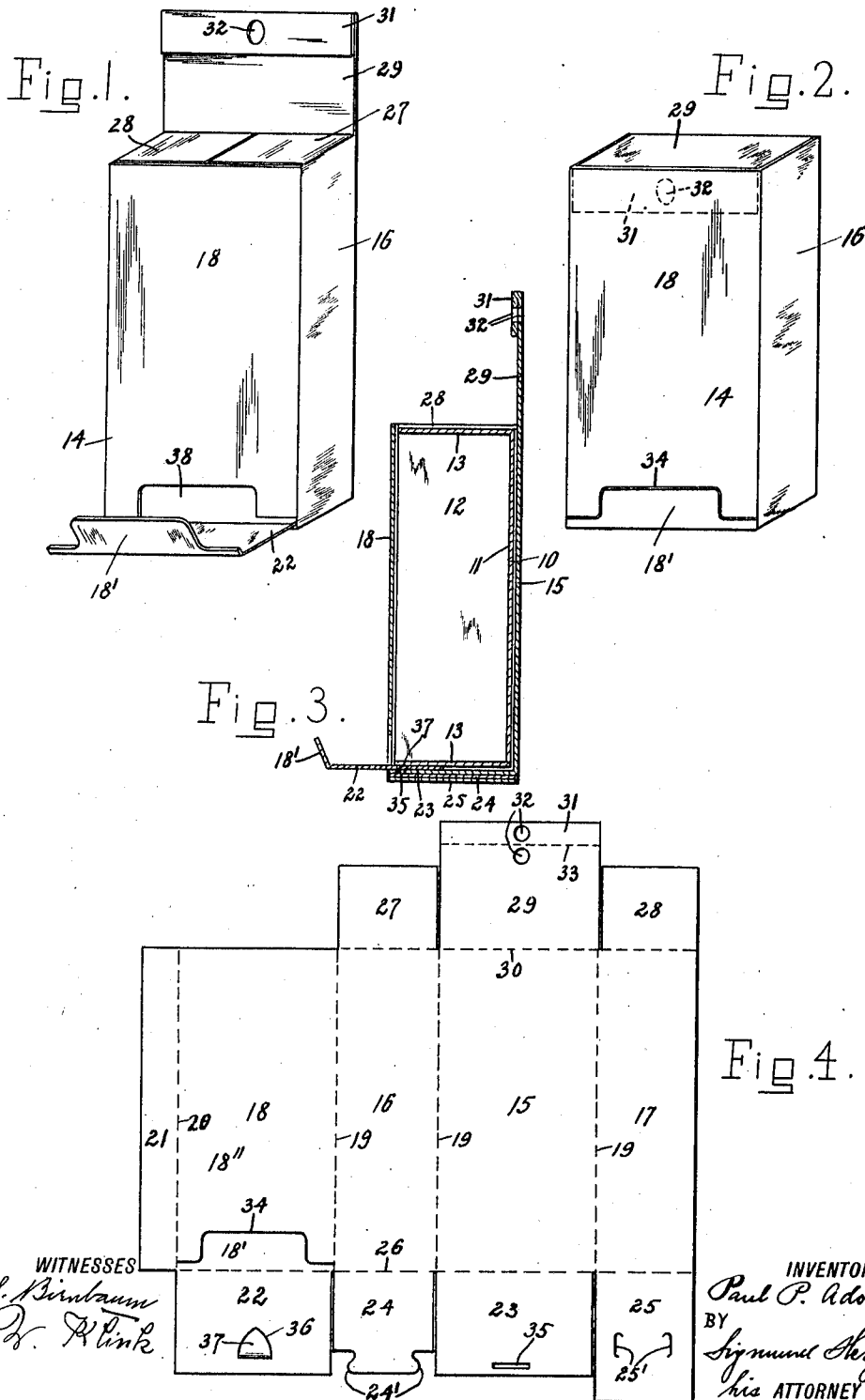


P. P. ADOLPH.  
MATCH BOX.  
APPLICATION FILED JUNE 2, 1911.

1,026,235.

Patented May 14, 1912.



WITNESSES  
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# UNITED STATES PATENT OFFICE.

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## MATCH-BOX.

1,026,235.

Specification of Letters Patent.

Patented May 14, 1912.

Application filed June 2, 1911. Serial No. 630,856.

*To all whom it may concern:*

Be it known that I, PAUL P. ADOLPH, a subject of the German Emperor, and resident of the city of 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 present invention relates to match boxes, and more particularly to that type which can be attached to a wall or other support and used as a match safe.

One of the objects of the invention is to produce a device of this character which is simple in construction, efficient in operation, and which can be readily and economically assembled.

Another object of the invention is to provide a match box which, although possessing a number of the advantages over those heretofore in use, can be made as cheaply as the match boxes now generally employed.

With these and other objects in view, which will appear as the nature of the invention is better understood, the same consists in the combination, arrangement and construction of parts hereinafter fully described, pointed out in the appended claims and illustrated in the accompanying drawings, it being understood that many changes may be made in the size and proportion of the several parts and minor details of construction without departing from the spirit or sacrificing any of the advantages of the invention.

One of the many possible embodiments of the invention is illustrated in the accompanying drawings, in which:—

Figure 1 is a perspective view of a match box showing the same in position it occupies when opened and hung on the wall ready for use as a match safe; Fig. 2 is a similar view of the match box in its closed position; Fig. 3 is a central vertical section taken through the box in its open position; and Fig. 4 is a plan view of a blank from which the cover portion of the box is formed.

The match box forming the subject matter of the present invention consists essentially of a match containing receptacle, which is inclosed within an outer casing possessing several peculiarities as will now be described.

In the said drawings, the numeral 10 indicates a rectangular receptacle which consists of a bottom 11, two sides 12, 12, and the ends 13. Into this receptacle are placed the

matches in the usual manner. The receptacle 10 is inclosed within an outer casing 14. The blank of paper or card-board, cut to the required shape for forming the casing, is shown in Fig. 4 of the drawings. The body of the casing consists of a back portion 15, two side portions 16 and 17, and a front portion 18. These portions are divided by longitudinal folding lines 19, 19, and the front portion by a similar folding line 20 from a fold 21, which, when cemented together with the side 17 by glue or other adhesive material, will hold the parts forming the body of the casing firmly in position. The bottom of the casing is made up of two flaps 22, 23, and the folds 24 and 25, which are formed by folding the blank along a transverse line 26. The fold 24 is provided with projections 24', 24', which are adapted to engage slits 24', 25' in the fold 25, when the parts are assembled. The other end of the casing comprises two flaps 27 and 28, and a cover 29, which are formed by folding the blank along the transverse line 30. The cover 29 is made longer than the thickness of the box, and is provided at its outer end with an extension 31, which is adapted to be inserted between the front portion 18 of the casing and the receptacle 10. The cover 29 is furthermore provided with two perforations 32, 32, which register when the cover is folded along the transverse dividing line 33, and by means of which the box can be hung upon a hook when it is desired to be used as a match safe.

The front portion 18 of the casing is divided by a transverse incision 34 into two sections 18' and 18''. The ends of this incision run parallel with and at a distance from the folding line 26 which is somewhat larger than the thickness of a match, while the middle part of the incision is arranged at a distance from the folding line 26 which is somewhat larger than the thickness of two fingers of a person. The purpose of this arrangement will be hereinafter fully described.

In the flap 23 is provided a slit 35, and in the flap 22 a wedge-shaped incision 36. When the card-board bounded by this wedge-shaped incision is bent out of the plane of the blank, a tongue 37 will be formed which is adapted to pass into the slit 35.

When preparing the match box for shipment, the fold 21 is fastened to the side 17, the tongue 37 bent out of the plane of the

blank, the flaps 22 and 23 folded at right angles to the front portion 18 and the rear portion 15, respectively, and the folds 24 and 25 engaged with each other by their projections 5 and slits. The receptacle 10, having been previously filled with matches, is then slid into the casing with its open part in contact with the front portion 18 of the latter. The flaps 27 and 28 are then folded upon the end 10 13 of the receptacle, and that portion of the cover 29 which lies between the folding line 33 and its outer edge is inserted between the front portion 18 of the casing and the receptacle 10, whereby the match box is ready for 15 shipment. It will be observed that an entirely closed match box is thus provided which may be handled with less care than the match boxes heretofore in use, and the receptacle 10 will still be held safely in position in its casing 14.

When the match box is to be used as a match safe, the cover 29 is brought into the plane of the rear portion 15, and its perforations brought into engagement with a 25 hook or nail upon a wall or support. The section 18' of the front portion 18 is then separated along the longitudinal folding lines 19 and 20 from the section 18'', and pulled outward, together with the flap 22, 30 until the tongue 37 of the latter is engaged with the slit 35 in the flap 23. By this operation an opening 38 is formed in the front portion of the casing. The matches can be readily removed from the match box one 35 after the other at the bottom of said opening in a substantially horizontal position, the enlarged part of the opening permitting the fingers to be inserted into the box. When the portion 18' and the flap 22 are pulled 40 outward, the section 18' will stand at an angle to the plane of the flap 22 and provide thereby with the said flap a tray, as it were, for the matches.

It will be observed that only one match 45 can be removed from the box at a time, and this feature makes the device valuable in case such articles are held within the box which should be handled by the user only, as for instance tooth picks.

It will be observed that the receptacle 10 50 does not form an essential part of the device, since the matches or other articles could be placed into the casing directly.

What I claim is:

55 1. In a match box, the combination with a receptacle having a bottom, two sides and two ends, of a casing which receives said receptacle and comprises a front divided by a transverse incision into an upper section 60 and a comparatively smaller lower section, a rear, two side walls, a cover, a flap having a slit and adapted to be folded upon the lower end of said receptacle, a flap made integral with the lower section of said front 65 having a tongue and adapted to be folded

upon said first-named flap, a bottom holding said flaps in folded positions, said lower section of said front being adapted to be separated from the upper section and to be pulled outward until said tongue is brought 70 into engagement with said slit, whereby an opening is formed in said front through which the contents of said receptacle may be removed.

2. In a match box, the combination with 75 a receptacle having a bottom, two sides and two ends, of a casing which receives said receptacle and comprises a front divided by a transverse incision into an upper section and a comparatively smaller lower section, the ends of said incision running at a 80 distance from the lower edge of said front which corresponds about to the thickness of the matches contained in said receptacle, a rear, two side walls, a cover, a flap having a slit and adapted to be folded upon the lower end of said receptacle, a flap made integral with the lower section of said front 85 having a tongue and adapted to be folded upon said first-named flap, a bottom holding said flaps in folded positions, said lower section and said front being adapted to be separated from the upper section and to be pulled outward until said tongue is brought into engagement with said slit, 90 whereby an opening is formed in said front through which the matches in said receptacle may be removed one after the other.

3. A box comprising a front divided by a transverse incision into an upper section and 100 a comparatively smaller lower section, a rear, two side walls, a cover, a flap having a slit and adapted to be folded in a plane at right angles to said side walls, a flap made integral with the lower section of said front 105 having a tongue and adapted to be folded upon said first-named flap, a bottom holding said flaps in folded positions, said lower section of said front being adapted to be separated from the upper section and to be pulled outward until said tongue is brought 110 into engagement with said slit, whereby an opening is formed in said front through which the contents of said box may be removed. 115

4. A match box comprising a front divided by a transverse incision into an upper section and a comparatively smaller lower section, the ends of said incision running at a distance from the lower edge of said front 120 which corresponds about to the thickness of the matches contained in said box, a rear, two side walls, a cover, a flap having a slit and adapted to be folded in a plane at right angles to said side walls, a flap made integral with the lower section of said front 125 having a tongue and adapted to be folded upon said first-named flap, a bottom holding said flaps in folded positions, said lower section of said front being adapted to be 130

separated from the upper section and to be pulled outward until said tongue is brought into engagement with said slit, whereby an opening is formed in said front through which the matches in said box may be removed one after the other.

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5. In a match box, the combination with a receptacle having a bottom, two sides and two ends, of a casing which receives said receptacle and comprises a front divided by a transverse incision into an upper section and a comparatively smaller lower section, the ends of said incision running at a distance from the lower edge of said front which corresponds about to the thickness of the matches contained in said receptacle, a rear, two side walls, a cover adapted to be folded into the plane of said rear provided with perforations, a flap having a slit and adapted to be folded upon the lower end of

said receptacle, a flap made integral with the lower section of said front having a tongue and adapted to be folded upon said first-named flap, a bottom holding said flaps in folded positions, said lower section of said front being adapted to be separated from the upper section and to be pulled outward until said tongue is brought into engagement with said slit, whereby an opening is formed in said front through which the matches in said receptacle may be removed one after the other.

Signed at New York, in the county of New York and State of New York, this 13th day of May, A. D. 1911.

PAUL P. ADOLPH.

Witnesses:

SIGMUND HERZOG,  
S. BIRNBAUM.

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