

N<sup>o</sup> 26,734



A.D. 1903

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PROVISIONAL SPECIFICATION.

**Improvements in Match and other Boxes, Cases, Sheaths, Flasks,  
and the like.**

I, HARRY LAMBERT SYMONDS, Managing Director of S. Mordan and Company, Limited, of 41, City Road, in the County of London, Manufacturers, do hereby declare the nature of this invention, to be as follows:—

5 This invention relates to match and other boxes, cases, sheaths, flasks, and the like, and it has for its object to so construct these articles that when it is desired to open them it shall only be necessary to swing their lid from over the mouth to either side of the body.

In carrying out my invention, and assuming it to be applied to a match box, a convenient arrangement for the above indicated purpose is as follows:

10 The lid is provided, at its ends, with depending arms extending, for a suitable distance, down against the corresponding ends of the body of the box, and pivoted thereto in any convenient manner. Thus the said lid is free to turn about its pivots and when the box is to be opened are swung to either side thereof, at the will of the user, but when restored to its normal or upright  
15 position, will effectually close the box.

To retain the lid in its closed position, and to prevent it being accidentally displaced, when in the pocket, or otherwise, the depending arms are each provided, on their inner side, with a projection, and the sides of the box body  
20 are formed with corresponding indentations, so that on the lid being swung back into its closing position, the projections snap into the indentations and hold the lid tightly in place.

To enable the lid to be readily manipulated from either side, small upstanding lugs are formed on each side of it, and, in some instances, these lugs may extend the entire length of the lid. Between these lugs the striking plate may  
25 be formed, so that they would, at the same time, constitute a guide for the matches when being struck.

In a box, or like article, constructed, as above indicated, the use of hinges, or of springs projecting within the body is obviated, and hence the internal capacity of the box is not obstructed or encroached upon, while ready access  
30 is afforded to the contents of such box.

Dated this 7th day of December 1903.

ERNEST DE PASS,  
Chartered Patent Agent.  
78, Fleet Street, London, &  
Wheeler Gate, Nottingham.  
Agent for the Applicant.

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COMPLETE SPECIFICATION.

**Improvements in Match and other Boxes, Cases, Sheaths, Flasks,  
and the like.**

40 I, HARRY LAMBERT SYMONDS, Managing Director of S. Mordan and Company, Limited, of 41, City Road, in the County of London, Manufacturers, do hereby

[Price 8d.]



*Improvements in Match and other Boxes, Cases, Sheaths, Flasks and the like.*

declare the nature of this invention and in what manner the same is to be performed, to be particularly described and ascertained in and by the following statement, reference being had to the accompanying drawings and to the letters and figures marked thereon, that is to say:

This invention relates to match and other boxes, cases, sheaths, flasks, and analogous receptacles, and it has for its object to enable such receptacles to be more quickly and readily opened, than heretofore, without the necessity of having to seek the front, or the back, of the lid by sight. 5

According to my invention, the box or analogous receptacle, is so constructed that it can be readily opened by swinging or turning over its lid to either side of the body, so as to bring it clear of the mouth; and means are also provided whereby the lid can be retained in its closed position and prevented from being accidentally displaced. 10

And in order that the said invention may be readily understood, and easily carried into effect, I will describe it fully with reference to the annexed drawings, which shew it applied, by way of example, to a pocket match-box. 15

Fig 1 is a perspective view.

Fig 2 a longitudinal vertical section, and

Fig 3 a transverse vertical section of such a box.

Figs 4 and 5 are respectively longitudinal and transverse sections of a somewhat modified form of pocket match-box. 20

Like letters of reference indicate similar parts throughout the drawings.

Referring first to Figs 1 to 3, *a* is the body of the box, and *b* its lid, which may be rounded at top, as shewn. This lid is provided at its ends with downwardly extending arms *b*<sup>1</sup>, of convenient length, pivotally secured to the corresponding ends of the body, by means of pivot studs *c*. Thus the lid is free to turn laterally about its pivots *c*, in either direction, to open the box, but when restored to its normal or upright position will effectually close said box. 25

To retain the lid in its closed position, a blade spring *d* is located within it, and is secured thereto, at or about the middle of its length, by a rivet *d*<sup>1</sup>. The ends of this spring stand off somewhat from the under side of the lid, and when the lid is closed they fall into depressions *a*<sup>1</sup> in the upper edges of the sides of the box body. These upper edges are furthermore advantageously rounded off at *a*<sup>\*</sup> to readily permit of the movement of the lid when opening, or closing, the box. 30 35

To enable the lid to be more readily manipulated, from either side, it may be provided at both its upper edges with short upstanding lugs *b*<sup>2</sup> which, in the arrangement shewn in Figs 1 to 3, extend the entire length of the lid. A striking plate may be formed between these lugs, so that they would, at the same time, constitute a guide for the matches when being struck. 40

In the modified form shewn in Figs 4 and 5, both the top of the box and its lid *b* are flat, and the latter is connected to the body by means of the arms *b*<sup>1</sup>, as in the previous arrangement. Here, however, the arms are pivoted on wires *e*, depending into the interior of the body of the box, and have their upper ends bent outwards to form the pivots *e*<sup>1</sup> for the lid to work on, as shewn clearly in Fig. 4. Elongated slots *a*<sup>2</sup> are formed near the upper part of the ends of the box, and through them the said pivots *e*<sup>1</sup> project. The purpose of these slots is to allow the pivots to rise slightly in them when the lid is being swung over, and thereby allow said lid to pass clear of the mouth of the box. In so doing, the spring *d* is bent, but on the lid being restored to its closed position said spring will straighten itself by its own resiliency and thereby retain the lid firmly in place. The spring *d* in this arrangement engages between the lower ends of the wires *e*, and is disposed near the bottom of the box where it is kept in place by a transverse pin *f*. 45 50

Instead of wires, flat strips of metal may be used, and a rivet be inserted to form the joint or pivot for the lid. 55

In boxes or other analogous receptacles constructed as hereinbefore described, the use of hinges, or of springs, projecting within the body is obviated, and

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hence the internal capacity of the receptacle is in no wise obstructed or encroached upon, and thus ready access is permitted to the contents of the receptacle.

5 I wish it to be understood that I do not limit myself to the precise details of construction and arrangement herein described, and as illustrated in the drawings, as they may be modified in a variety of ways to suit different requirements, without departing from the nature of my invention. For instance, instead of the spring *d* to keep the lid closed, I may provide the arms *b*<sup>1</sup> on their inner face with projections adapted to engage in corresponding notches or  
10 depressions formed in the ends of the box. Thus, on closing the lid the said projections will snap into the notches, but on opening the lid will readily disengage themselves therefrom.

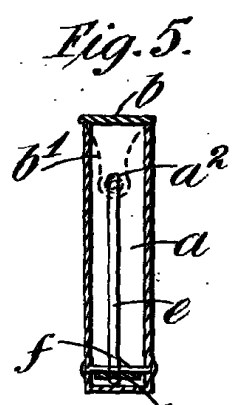
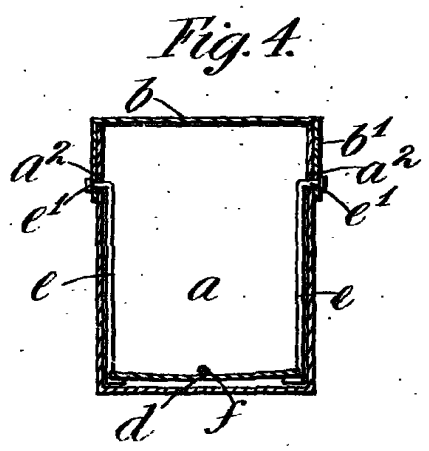
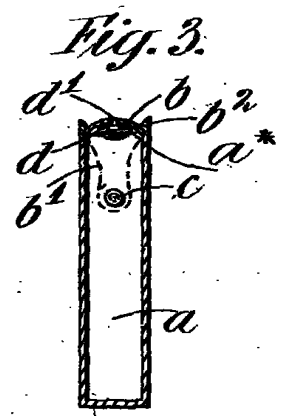
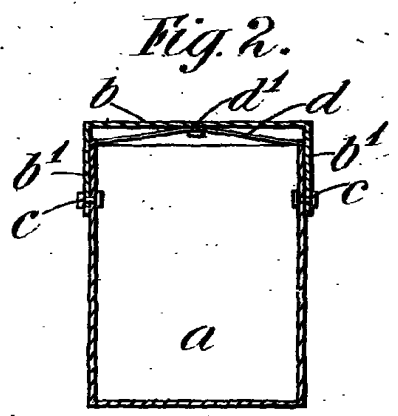
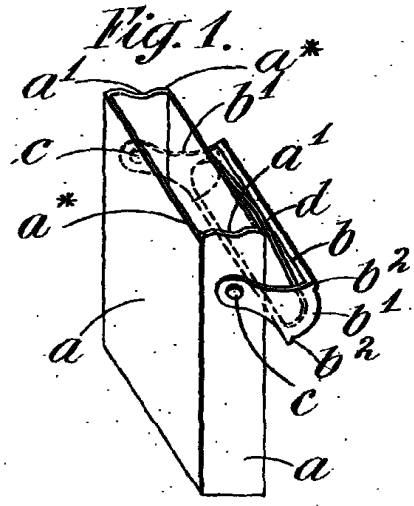
Having now particularly described and ascertained the nature of my said invention, and in what manner the same is to be performed, I declare that  
15 what I claim is:—

1. A match or other box, case, sheath, flask, or analogous receptacle, so constructed, that it can be opened by swinging or turning its lid to either side of the said receptacle so as to bring it clear of the mouth, substantially as and for the purpose specified.
- 20 2. In a receptacle of any of the kinds hereinbefore referred to, the lid adapted to be opened as aforesaid and having means for normally retaining it in its closed position, substantially as described.
3. A match-box, or similar receptacle, having its lid provided at both ends with downwardly extending arms pivotally connected to the ends of such  
25 receptacles, and also provided with a spring adapted, when the receptacle is closed, to engage the upper edges of said ends, substantially as described.
4. A match-box constructed substantially as hereinbefore described with reference to Figs. 1 to 3 inclusive, or to Figs 4 and 5, of the annexed drawings, for the purpose specified.

30 Dated this 6th day of September 1904.

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[This Drawing is a reproduction of the Original on a reduced scale]

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