

No. 812,714.

PATENTED FEB. 13, 1906.

W. ALPERT.  
MATCH BOX.

APPLICATION FILED SEPT. 30, 1905.

Fig. 1.

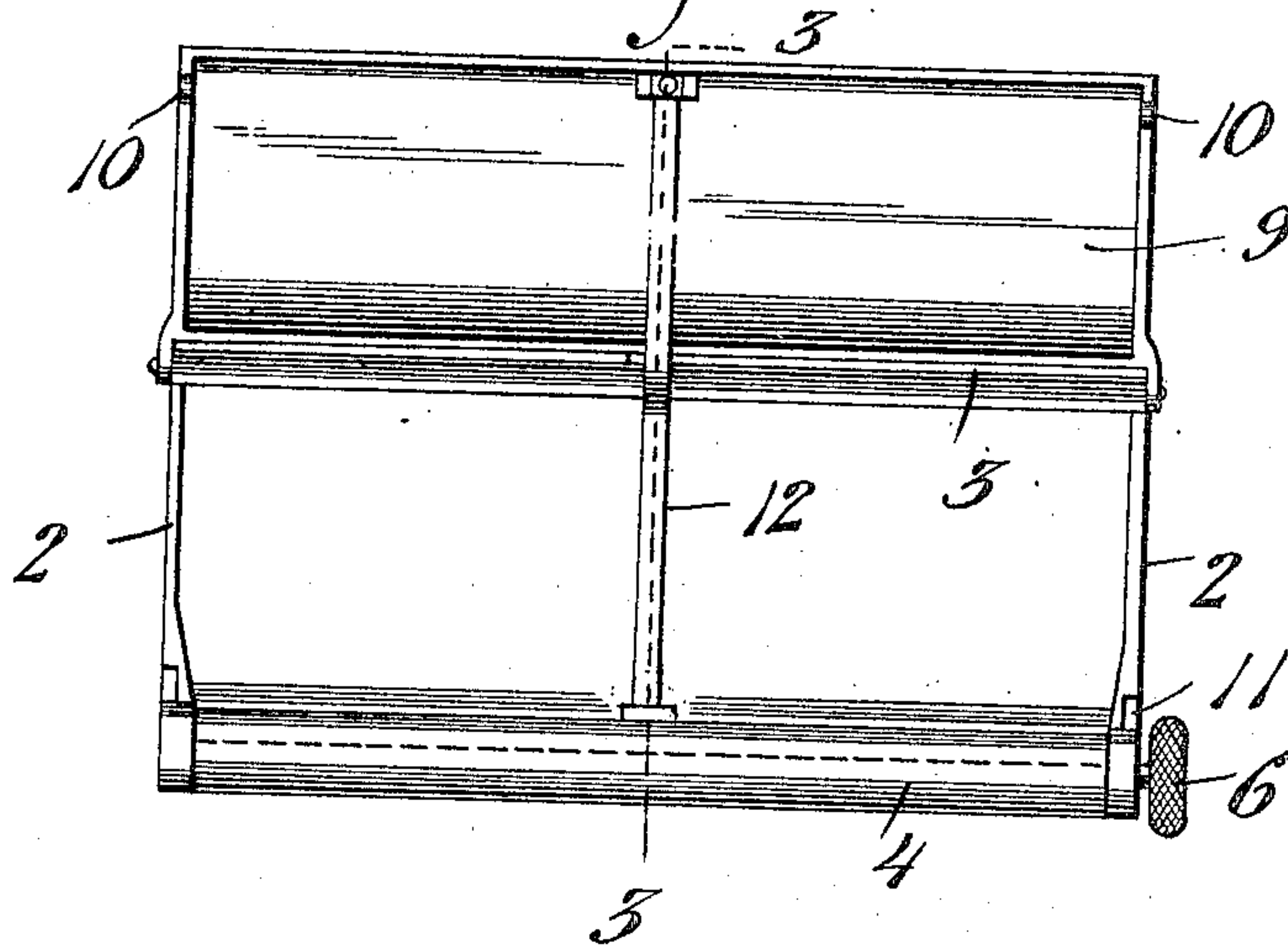


Fig 2.

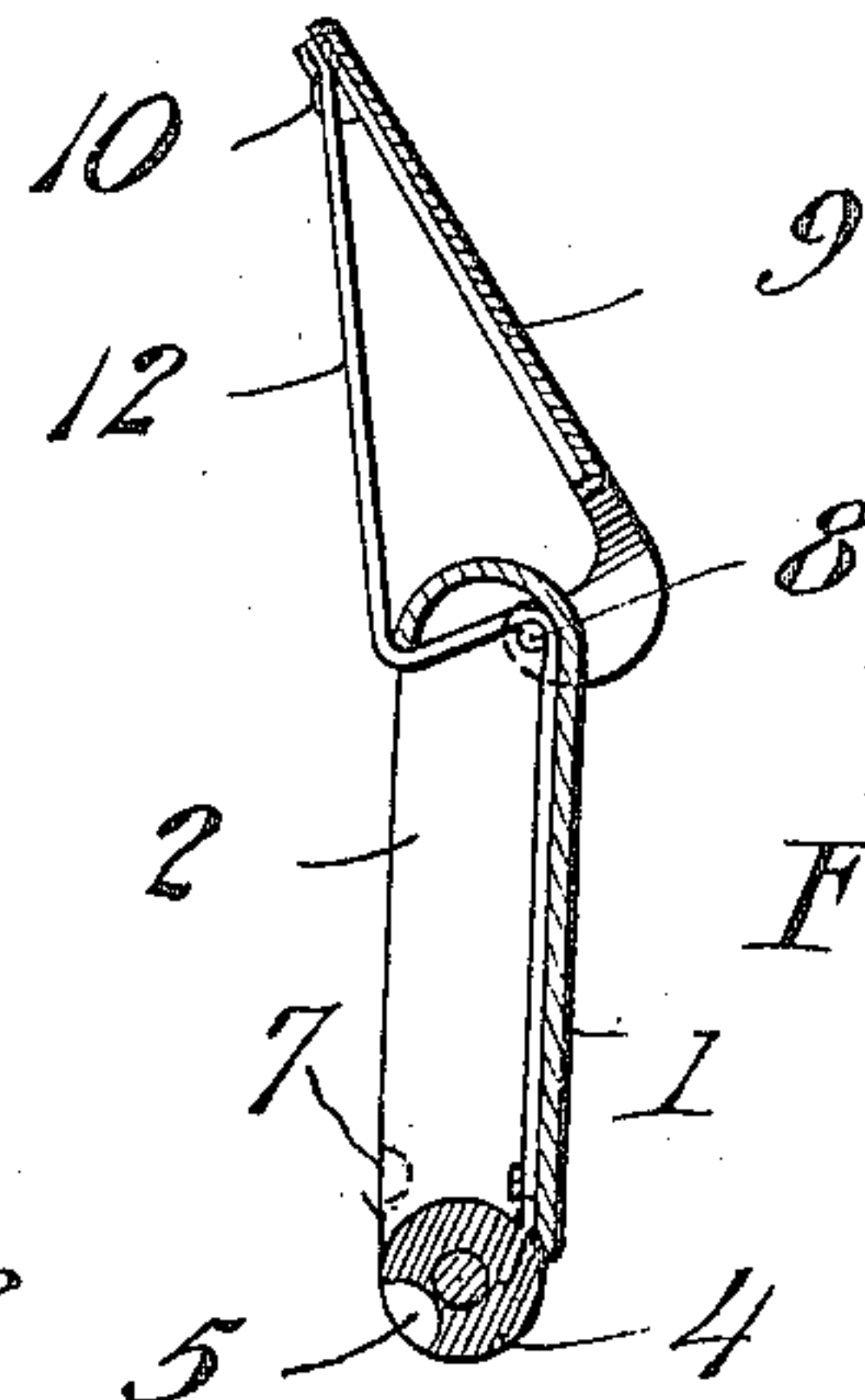
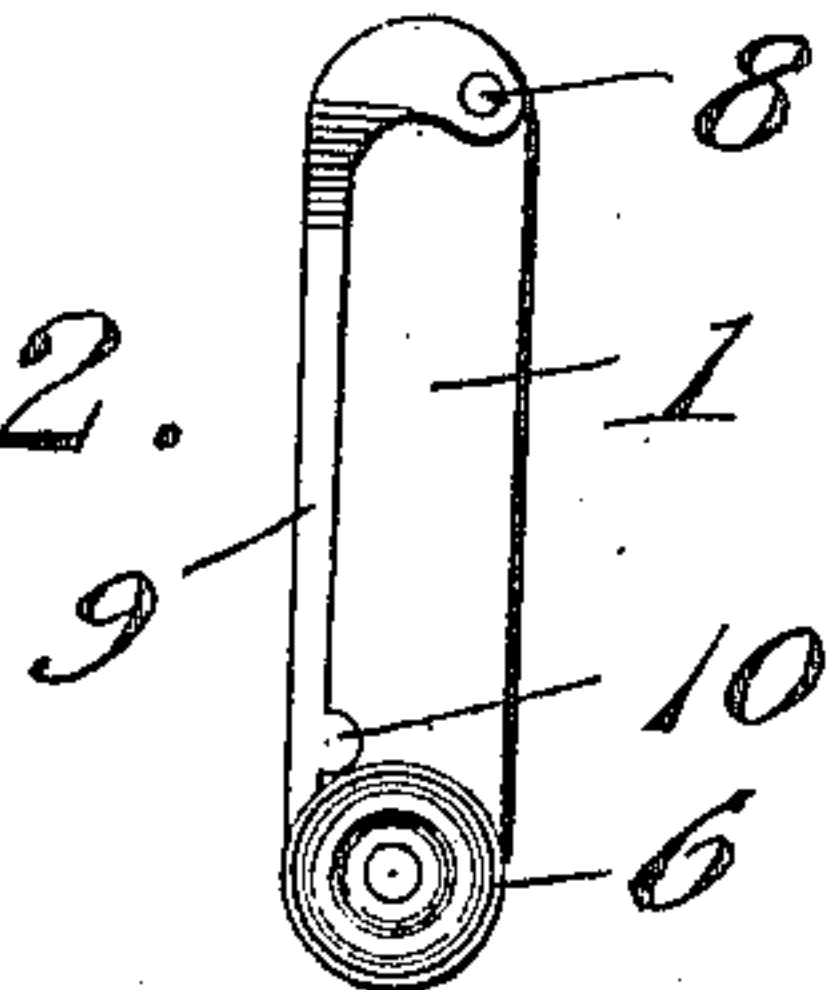


Fig 3.

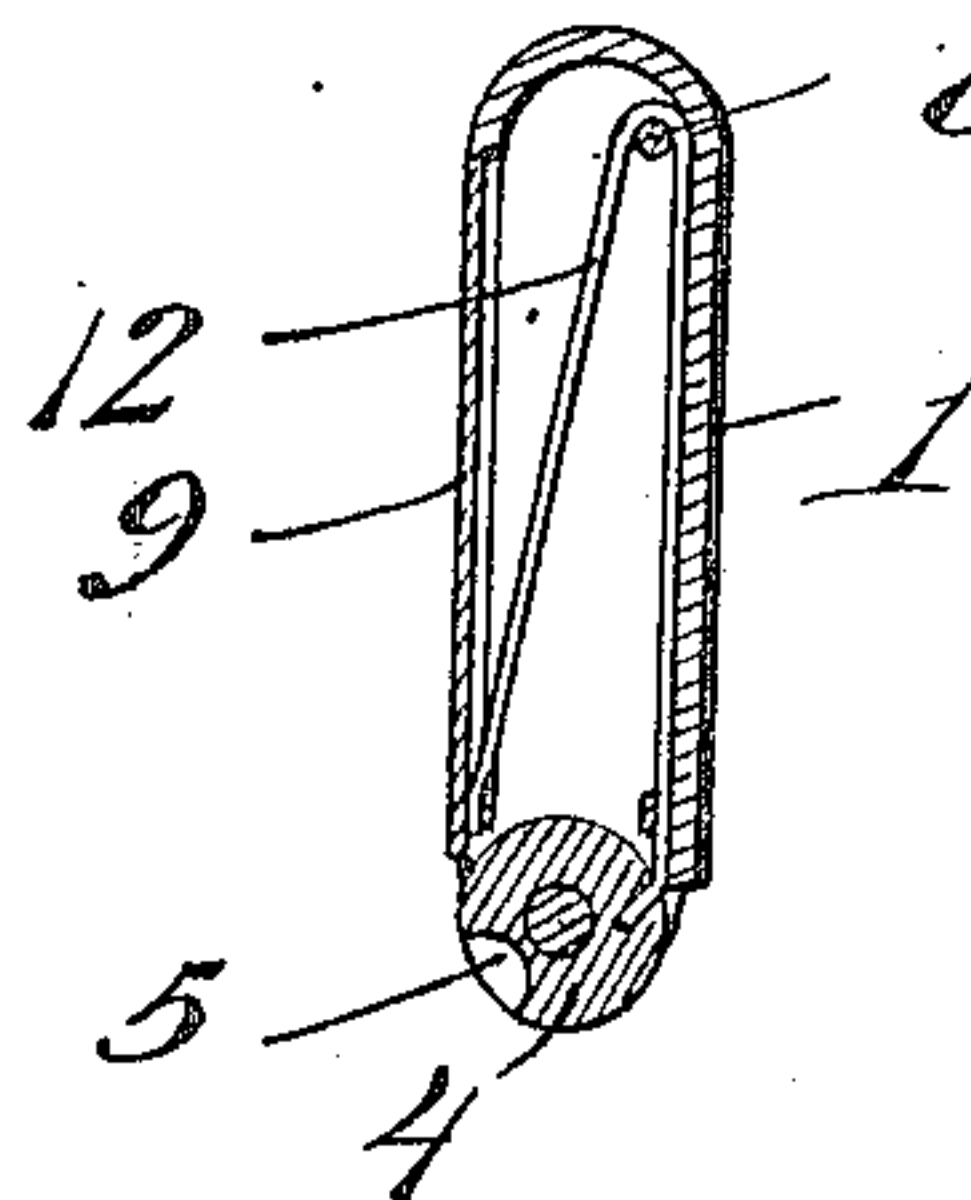


Fig 4

Witnesses

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# UNITED STATES PATENT OFFICE.

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## MATCH-BOX.

No. 812,714.

Specification of Letters Patent.

Patented Feb. 13, 1906.

Application filed September 30, 1905. Serial No. 280,806.

*To all whom it may concern:*

Be it known that I, WILLIAM ALPERT, a citizen of the United States, residing at Richardton, in the county of Stark and State of North Dakota, have invented new and useful Improvements in Match-Boxes, of which the following is a specification.

This invention relates to match-boxes of the single-delivery type, and has for its objects to produce a simple efficient device of this character which may be conveniently carried in the pocket, one wherein the delivery member may be readily manipulated for properly delivering the matches, and one in which the cover-closing spring performs the additional functions of feeding the matches to the delivery member and maintaining the latter in normal position.

With these and other objects in view the invention comprises the novel features of construction and combination of parts more fully hereinafter described.

In the accompanying drawings, Figure 1 is a top plan view of a match-box embodying the invention and showing the cover in open position. Fig. 2 is an end view of the box with the cover in closed position. Fig. 3 is a transverse section taken on the line 3-3 of Fig. 1. Fig. 4 is a similar view with the cover closed.

Referring to the drawings, 1 designates the box, which includes end walls 2, a rear wall 3, and a front wall 4, which latter comprises a rotary delivery member of cylindrical form carried by a central shaft 5, journaled for rotation in the end walls 2 and equipped at one end with a milled head or finger-piece 6, there being formed in and to extend longitudinally of the delivery member 4 a match-receiving groove or recess 7.

Hinged to the box 1 by means of a rod or pintle 8, extending longitudinally there-through, is a lid or cover 9, provided at its ends and adjacent its outer edge with depending engaging portions or lips 10, adapted to enter the corresponding seats or recesses 11, provided in the end walls 2 and for contact with the latter to prevent relative endwise movement of the box and lid, there being engaged with the latter at a point adjacent its free edge a tension element 12 in the form of an elastic band which passes between its ends beneath the rod 8 and has its other end engaged with the rotary delivery member 4, it being noted in this connection that

the rod 8 is disposed at the juncture of the bottom of the case with its rear wall 3, whereby the band will when the cover is in closed position extend diagonally across the box from front to rear, as seen in Fig. 4.

In practice when the box is filled with matches and the cover closed the band 12 will tend to force the matches forwardly in the box toward the delivery member 4 and will at the same time maintain the latter in normal position, as seen in Figs. 3 and 4. Under these conditions when it is desired to remove a match from the box the finger-piece 6 is grasped and manipulated for rotating the member 4 in a direction to carry the recess 7 into the box for the reception of a match, after which and upon release of the finger-piece the tension member 12 will return the member 4 automatically to normal condition, thus delivering the match contained in the recess. After the contents of the box have been exhausted and it is desired to refill the same the cover 9 is swung open, and after the box has been filled the tension member 12 will automatically close the cover and maintain it in closed position.

From the foregoing it is apparent that I produce a comparatively simple and inexpensive device admirably adapted for the attainment of the ends in view, it being understood that minor changes in the details herein set forth may be resorted to without departing from the spirit of the invention.

Having thus fully described my invention, what I claim as new is—

1. In a device of the class described, a box having a hinged cover, a delivery member journaled at the front of the box and provided with a match-receiving recess, and a tension element terminally engaged respectively with the cover and delivery member.

2. In a device of the class described, a box including rear and end walls, a cover hinged to the box, a delivery member rotatively journaled at the front of the latter and provided with a match-receiving recess, and an elastic element terminally engaged with the cover and delivery member, said element being confined between its ends at a point adjacent the juncture of the rear wall and bottom of the box.

3. In a device of the class described, a box including rear and end walls, a cover having laterally-extending portions, a pintle extended through the box and engaged with said

portions for hinging the cover to the box, a  
delivery member rotatively journaled at the  
front of the latter and provided with a match-  
receiving recess, and an elastic element en-  
5 gaged between its ends with a pivoting-rod  
and terminally engaged with the cover and  
delivery member.

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

WILLIAM ALPERT.

Witnesses:

ED. A. STONE,  
AUG. KOESEL.