

P. SANDS.
 SELF IGNITING MATCH BOX.
 APPLICATION FILED OCT. 28, 1909.

965,948.

Patented Aug. 2, 1910.

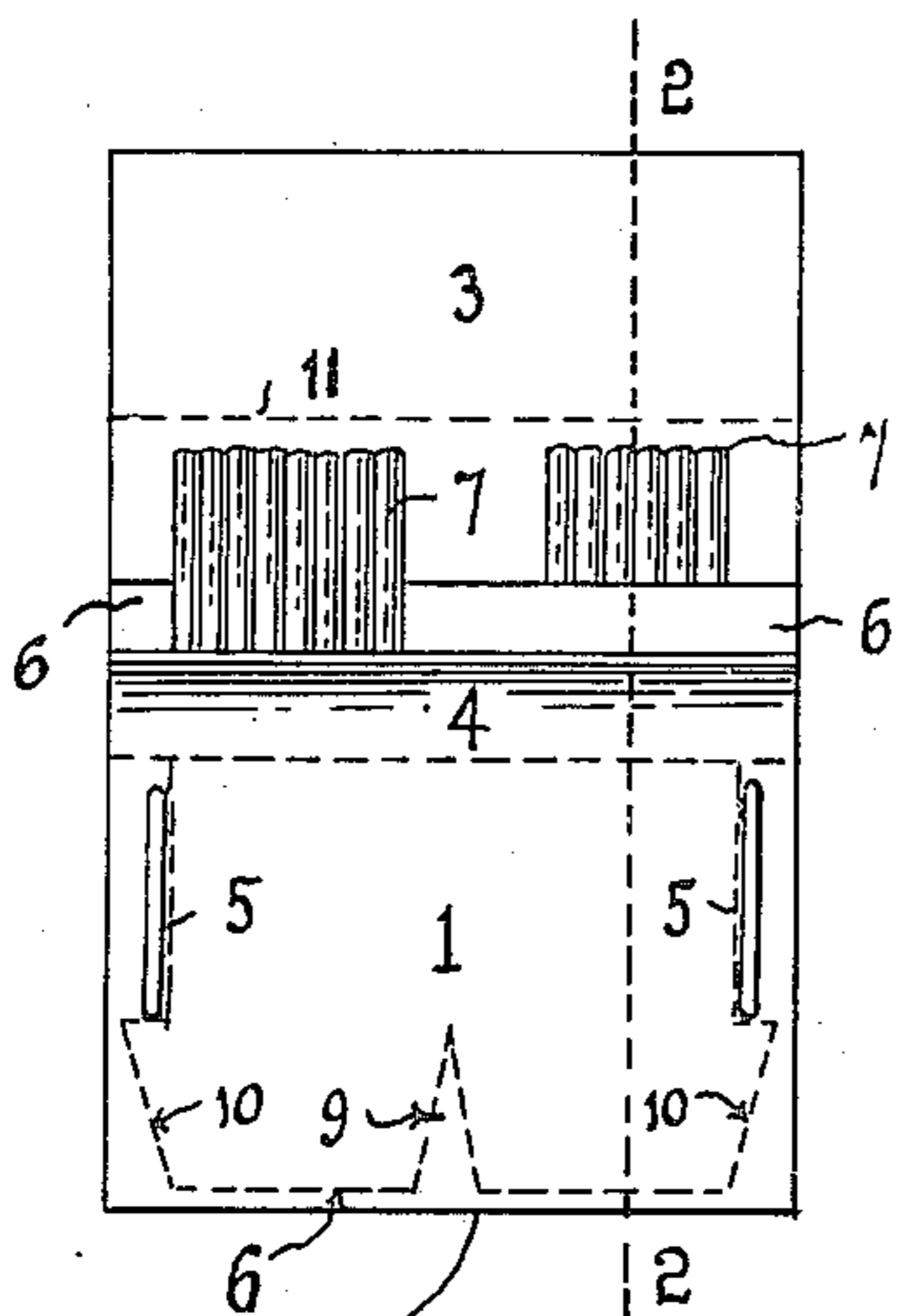


Fig. 1.

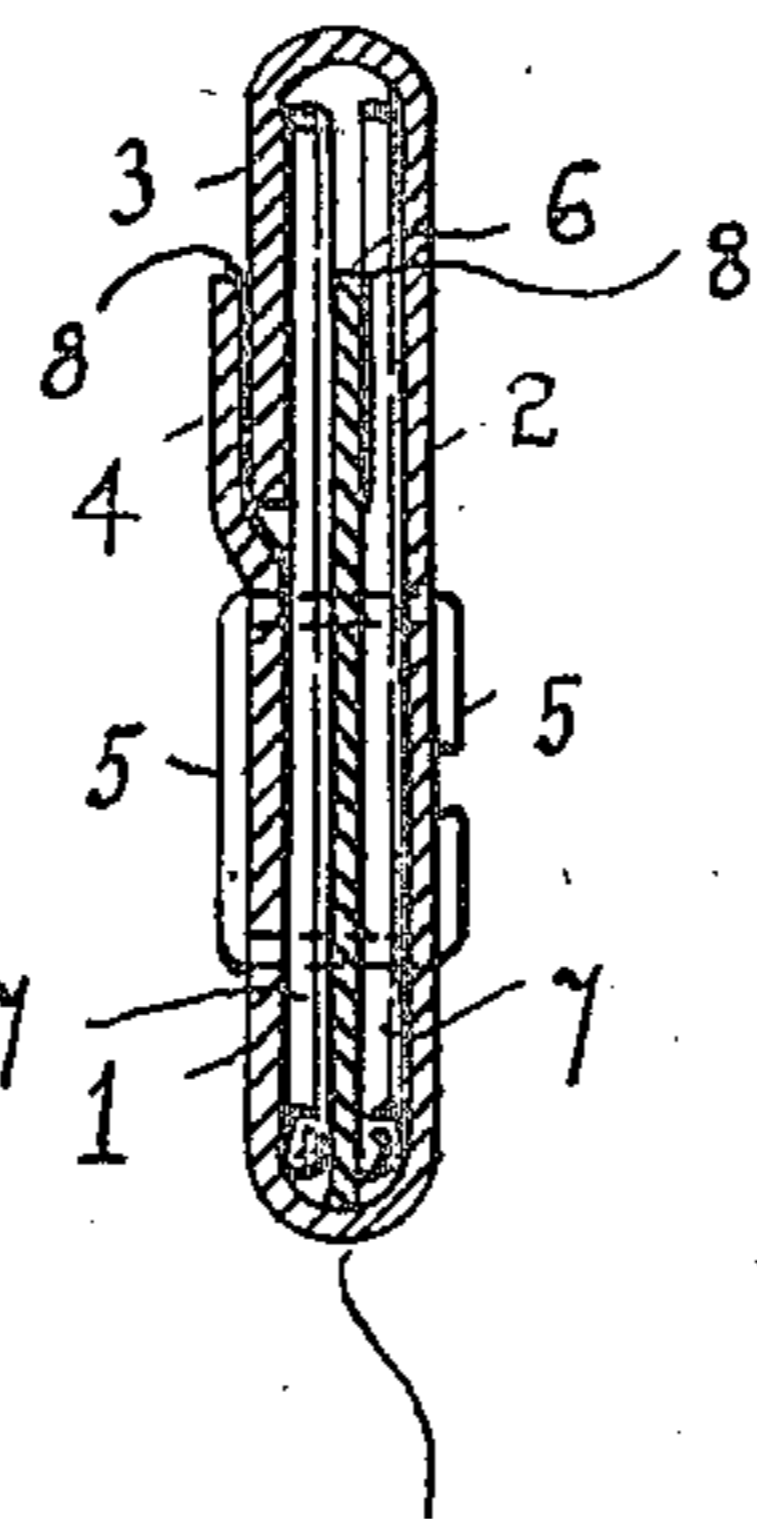


Fig. 2.

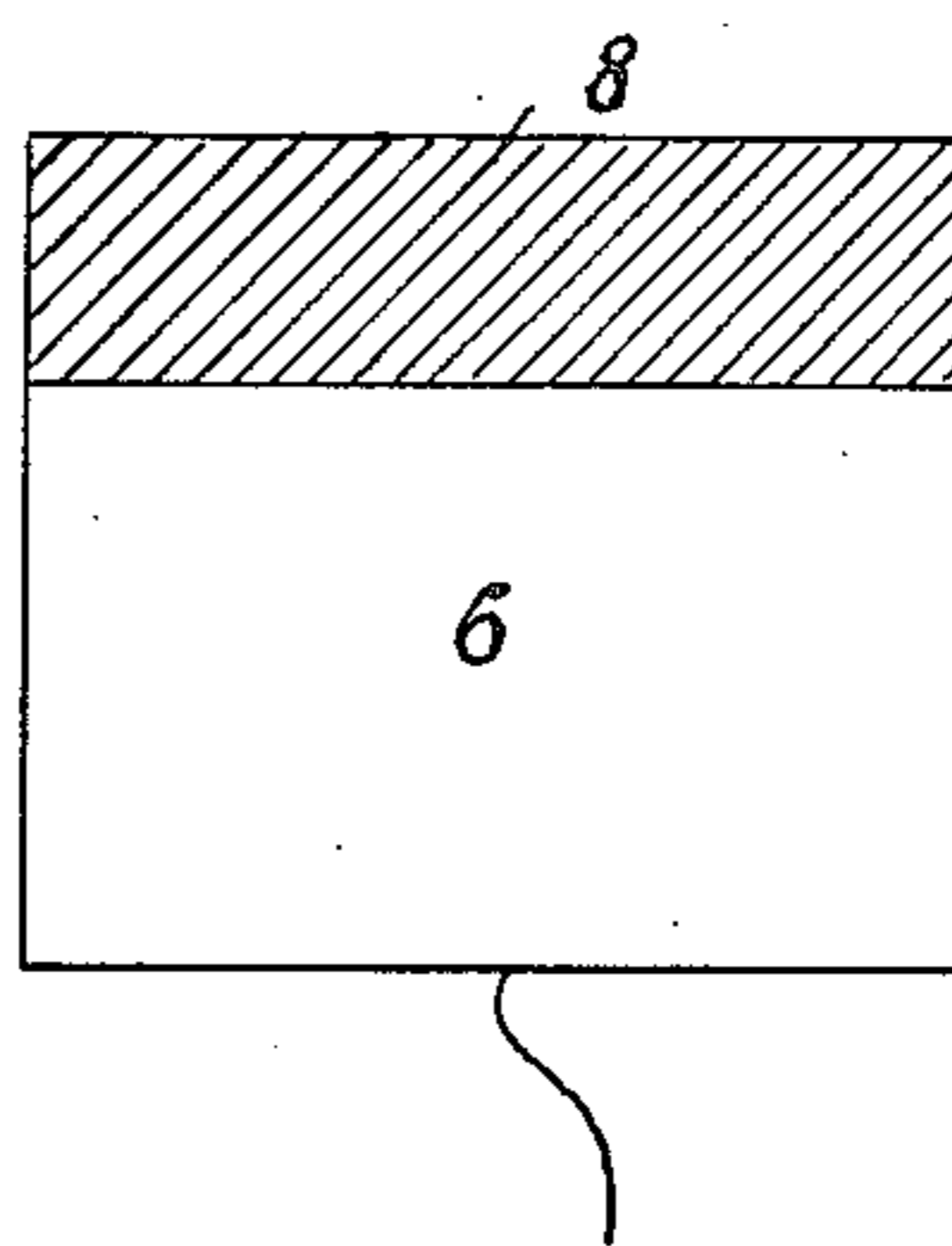


Fig. 3.

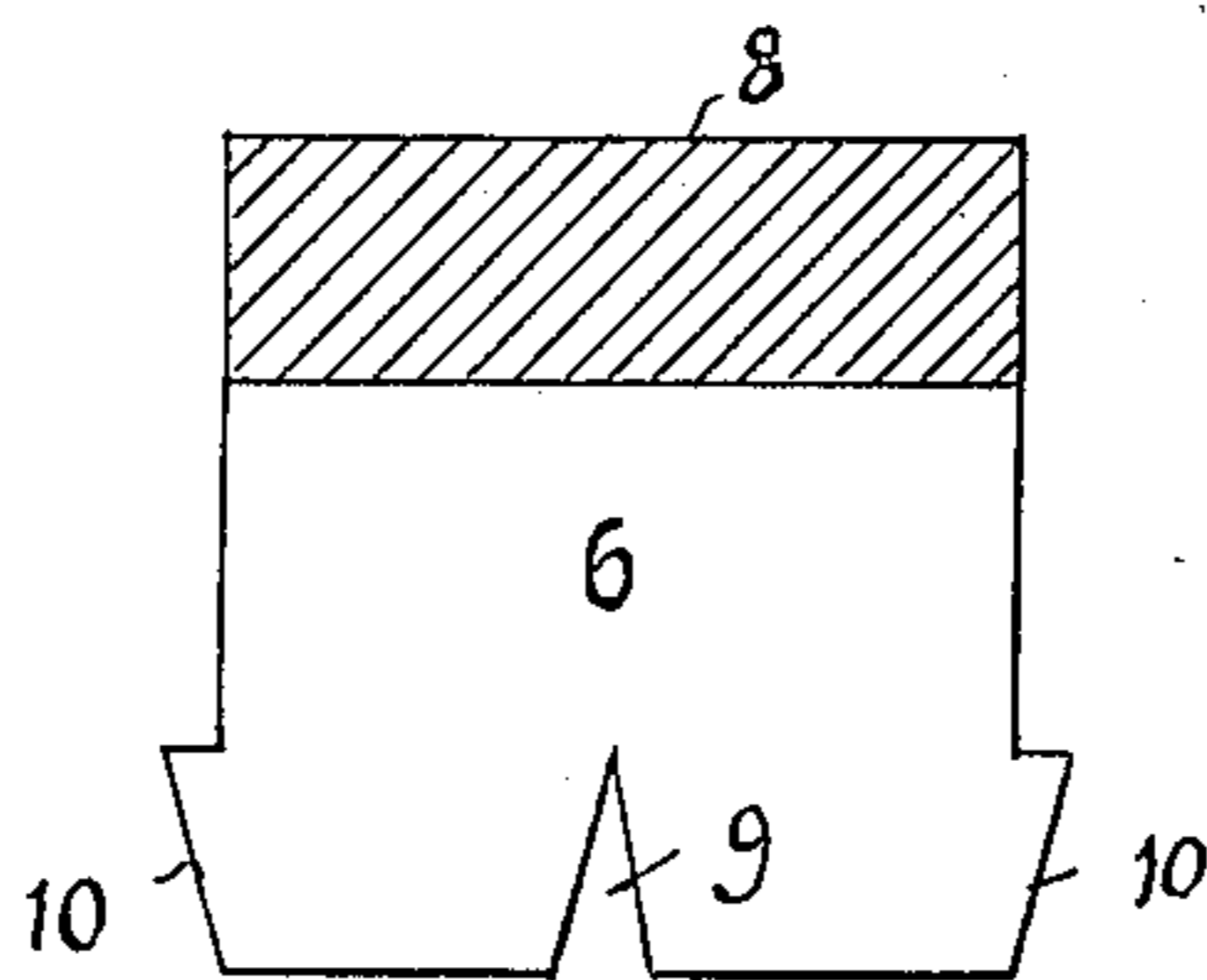


Fig. 4.

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SELF-IGNITING-MATCH BOX.

965,948.

Specification of Letters Patent.

Patented Aug. 2, 1910.

Application filed October 28, 1909. Serial No. 524,595.

To all whom it may concern:

Be it known that I, PHILIP SANDS, a citizen of the United States, residing at New York, in the county and State of New York, have invented a new and useful Self-Igniting-Match Box, of which the following is a specification.

This invention relates to an improved match-box in which a certain number of matches can be safely and conveniently carried in the pocket and ignited when pulled out of the box without danger of igniting the remaining matches, and the invention consists of a match-box made of a blank provided with a closing top flap, a front and a rear flap secured together by wire clips or any other suitable device. A blank inserted between the front and the back flap of the match-box divides the same into two compartments forming receptacles for matches. The front flap of said box and the dividing blank near its upper edge is provided with an abrasive material to ignite the matches when pulled out of the box. The dividing blank may bear side portions forming keys to engage with the wire clips, when the blank is inserted between the front and the rear of said box. These and other features of this invention will be pointed out in the claims at the end of the specification.

In the accompanying drawings, Figure 1 is a front elevation of a match-box embodying this invention. Fig. 2 is a cross section on line 2—2 in Fig. 1. Fig. 3 is a front elevation of a blank, designed to divide the match-box into two compartments. Fig. 4 is a front elevation of a modification of the blank shown in Fig. 3.

Referring to Figs. 1 and 2, the match-box herein shown comprises a front portion 1 a back portion 2, secured together by wire clips 5 or any other suitable device, to form a pocket for the reception of the matches 7, an upper portion 3 to be bent on line 11 to form a cover 3 for said receptacle. The inner face of said front portion 1 near its upper edge is provided with an igniting material 8. A blank 6 shown in Fig. 3 having its inner face partly provided with an abrasive material 8 is inserted between the front, and the rear flap of said match receptacle dividing the same into two compartments to furnish ample space for two rows of matches 7. The inner face of a portion 4 of the front flap 1 of the match-box and a portion of the inner face of the dividing blank 6 being provided

with an abrasive material to ignite the matches in the front row as well as the matches in the rear row when pulled out of the box.

A modification of the dividing blank 6 is shown in Fig. 4, where the sides 10 angular extending will form keys to engage with the wire clips 5 when the dividing blank 6 is placed between the front 1 and the rear flap 2 of said receptacle, shown in dotted lines in Fig. 1. The cut out 9 at the lower end of said blank 6 will allow the extensions 10 to move back when the blank 6 is placed into the box for a stationary securing therein.

Having thus described the invention, what I claim as new and desire to secure by Letters Patent is:

1. A match-box composed of a front flap and a rear flap secured together by wire clips, to form a box, a closing top flap extending from said rear flap, a dividing blank having its sides angular extending forming keys to engage with the said wire clips, when the blank is placed between the front and the rear of said box to be stationary secured therein, to divide the box into compartments, the front flap and the dividing blank near its upper edge being provided with an abrasive material to ignite the matches, when pulled out of the box, substantially as described.

2. A match-box composed of a front flap, and a rear flap secured together by wire clips, to form a box and a closing top flap extending from said rear flap, a dividing blank having its sides angular extending, forming keys to engage with the said wire clips, when the blank is placed between the front and the rear of the box to secure it stationary therein, to divide the box into compartments, said blank at its lower end bearing a cut out to allow the extending side portions to move inward when said blank is placed into the box, the front flap and the dividing blank near its upper edge being provided with an abrasive material to ignite the matches when pulled out of the box, substantially as set forth.

3. In a device of the character described, the combination with the front and rear walls, of clips securing said walls in spaced position, the inner faces of the said walls each being provided near the top thereof with a coating of abrasive material, a plate forming a partition inserted in the device and bearing against the clips, and abrasive

material carried by the upper portions of both faces of the plate, said material on the plate serving in connection with the material on the walls of the device to contact
5 with the head of the match as the same is withdrawn from either compartment, the location of the material on both sides of the match insuring the frictional engagement of the match with one or both of said abrasive

surfaces and thus insuring the ignition of 10 the match as it is withdrawn.

In testimony whereof I have signed my name to this specification in the presence of two subscribing witnesses.

PHILIP SANDS.

Witnesses:

L. E. HICKS,
E. G. HICKS.