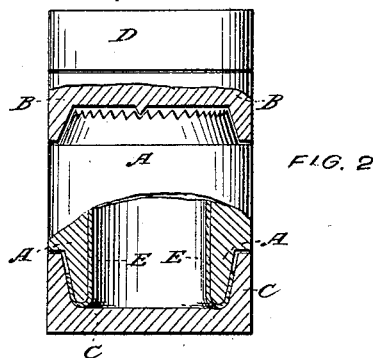
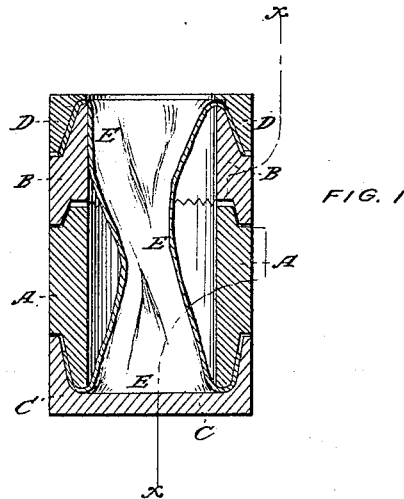


J. MONAGHAN.

Match Box.

No. 109,235.

Patented Nov. 15, 1870.



WITNESSES:

A. W. Almqvist
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INVENTOR:

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United States Patent Office.

JOHN MONAGHAN, OF TUCKAHOE, NEW YORK.

Letters Patent No. 109,235, dated November 15, 1870.

IMPROVEMENT IN MATCH-BOXES.

The Schedule referred to in these Letters Patent and making part of the same.

To all whom it may concern :

Be it known that I, JOHN MONAGHAN, of Tuckahoe, in the county of Westchester and State of New York, have invented a new and useful Improvement in Match-Boxes; and I do hereby declare that the following is a full, clear, and exact description thereof, which will enable others skilled in the art to make and use the same, reference being had to the accompanying drawing forming part of this specification.

Figure 1 is a detail sectional view of my improved match-box.

Figure 2 is a side view of the same, partly in section, through the line $x x$, fig. 1, to show the construction.

My invention has for its object to furnish an improved match-box, which shall be so constructed as to hold the matches securely without having a cover, and keep them dry while leaving their ends exposed, enabling them to be conveniently removed as may be required; and

It consists in the construction and combination of the various parts of the box, as hereinafter more fully described.

The main body of the box is made in two parts, A B.

The upper edge of one of said parts, as A, is rabbeted around the outer side of its upper edge, and upon its upper edge are formed ratchet-teeth, as shown in figs. 1 and 2.

The lower edge of the part B is rabbeted around the inner side of its lower edge, and has one or more teeth formed upon its shoulder, to take hold of the ratchet-teeth of the other part A, and prevent the two parts from turning upon each other after being adjusted.

The lower edge of the part A is rabbeted around the outer side of its lower edge, to receive the flange of the bottom C.

The upper edge of the other part B is rabbeted around the outer side of its upper edge, to receive the band D, as shown in fig. 1.

E is a rubber tube, which is made light and flexible, so that its ends may be turned over the outer

ends of the parts A B, where they are secured in place by the bottom C and band D, as shown in fig. 1. It is not absolutely essential that the rubber lining E should be in one piece, but I prefer that construction. It may be a series of strips or cords of rubber, if desired. The rubber lining E, when arranged in the box, should lie closely along its inner surface, as shown in fig. 2, for convenience in putting in the matches, which should be inserted with the ends, to which the fulminate has been applied, downward.

When the matches have been inserted the parts A B are partially revolved upon each other, which gives a twist to the rubber lining E, causing its middle part to project inward and hug the matches, so as to hold the matches securely, however many or few there may be in the box, keeping their lower ends dry, and at the same time allowing them to be drawn from the box, one or more at a time, as may be required.

The match-box thus constructed may be used to stand upon a shelf, desk, or other place, to carry in the pocket; or it may be provided with a pin, to enable it to be secured to the clothing, for the convenience of those whose employment is such that their hands may not always be in a condition suitable to be inserted in a pocket.

Having thus described my invention,

I claim as new and desire to secure by Letters Patent—

1. The combination of a rubber or other suitable flexible and elastic lining, E, with the body or case of a match-box, substantially as herein shown and described, and for the purpose set forth.

2. The combination of the body A B, made in two parts, bottom C, band D, and rubber lining E, with each other, substantially as herein shown and described, and for the purpose set forth.

The above specification of my invention signed by me this 13th day of September, 1870.

JOHN MONAGHAN.

Witnesses:

GEO. W. MABEE,
JAMES T. GRAHAM.