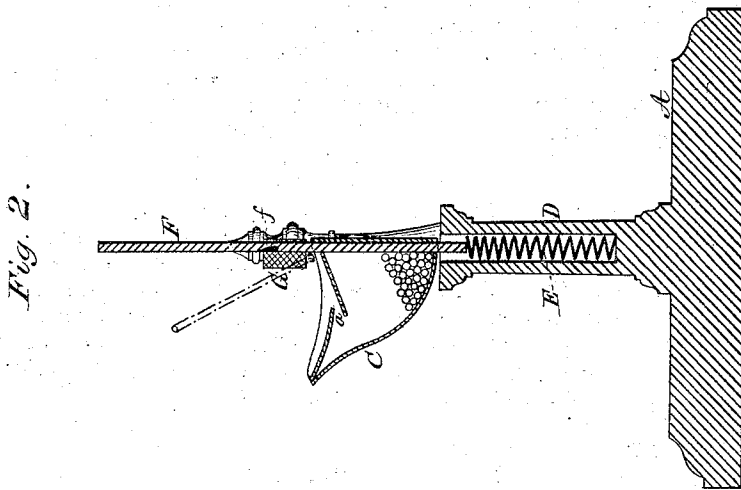
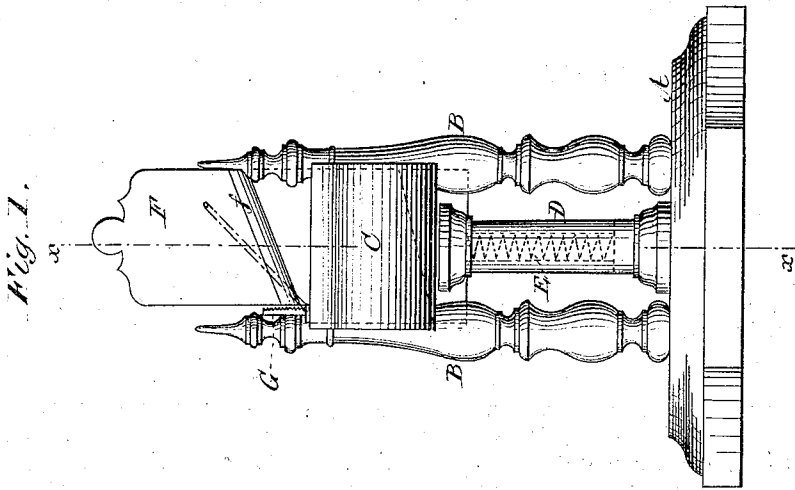


L. JARCHOW.
Match-Safes.

No. 153,081.

Patented July 14, 1874.



Witnesses:

Gottlieb Essig.
Friedrich Völsch

Inventor:

Ludwig Jarchow

UNITED STATES PATENT OFFICE.

LUDWIG JARCHOW, OF JERSEY CITY, NEW JERSEY.

IMPROVEMENT IN MATCH-SAFES.

Specification forming part of Letters Patent No. **153,081**, dated July 14, 1874; application filed February 18, 1874.

To all whom it may concern :

Be it known that I, LUDWIG JARCHOW, of Jersey City, in the county of Hudson and State of New Jersey, have invented certain new and useful Improvements in Match-Boxes, of which the following is a specification :

In the accompanying drawing, Figure 1 is a front view of my improved match-box. Fig. 2 is a vertical cross-section of the same on line *x x*.

The nature of my invention consists in a match-box that is reliable, safe, and self-acting, and the object is to furnish a simple and cheap match-box that may be placed in any convenient place, and by which one match at a time is placed in position for lighting, and without fail, and also will prevent children from being injured by matches.

I will now more definitely describe my invention, reference being had to the accompanying drawing, in which like letters refer to like parts.

In the drawing, A represents a suitable ornamental stand, with two side columns, B B, to the upper part of which is secured the receptacle or case C, and into which the matches are to be placed. This case C is provided at its upper side with a small opening, *a*, through which the matches are introduced into the case, as they need only to be placed on the inclines, when they will roll in said case. Between the two side columns is arranged another short column, D, which is made hollow, to receive a spring, E. Above this spring and sliding in grooves in the columns is a

slide, F, having in its front an inclined groove, *f*, into which the matches fall, and by which they are brought above the top of the case and stand in an inclined position (as shown in dotted lines in Figs. 1 and 2) ready to be taken in the hand, and struck against the rough surface of the striking-plate G. The slide F is depressed by the hand, and when relieved from pressure is returned to its normal position by the spring E, and thus becomes automatic in its operation. The object of the inclined groove is, that all sizes of matches, as well long as short, are brought up in the same manner. A dowel-piece is inserted in the face of the slide to prevent it from warping.

The bottom of the case or receptacle A is inclined to correspond with the groove in the slide F, as shown in dotted lines in Fig. 1.

Having thus described my invention, what I claim, and desire to secure by Letters Patent, is—

The combination of the vertically-moving slide F, having inclined groove *f*, with the spring E, case C with inclined bottom, and scraper G, constructed and operating substantially as and for the purpose set forth.

In testimony that I claim the foregoing, I have hereunto set my hand this 17th day of February, 1874.

LUDWIG JARCHOW.

Witnesses :

GOTTLIEB ESSIG,
FRIEDRICH KERN.