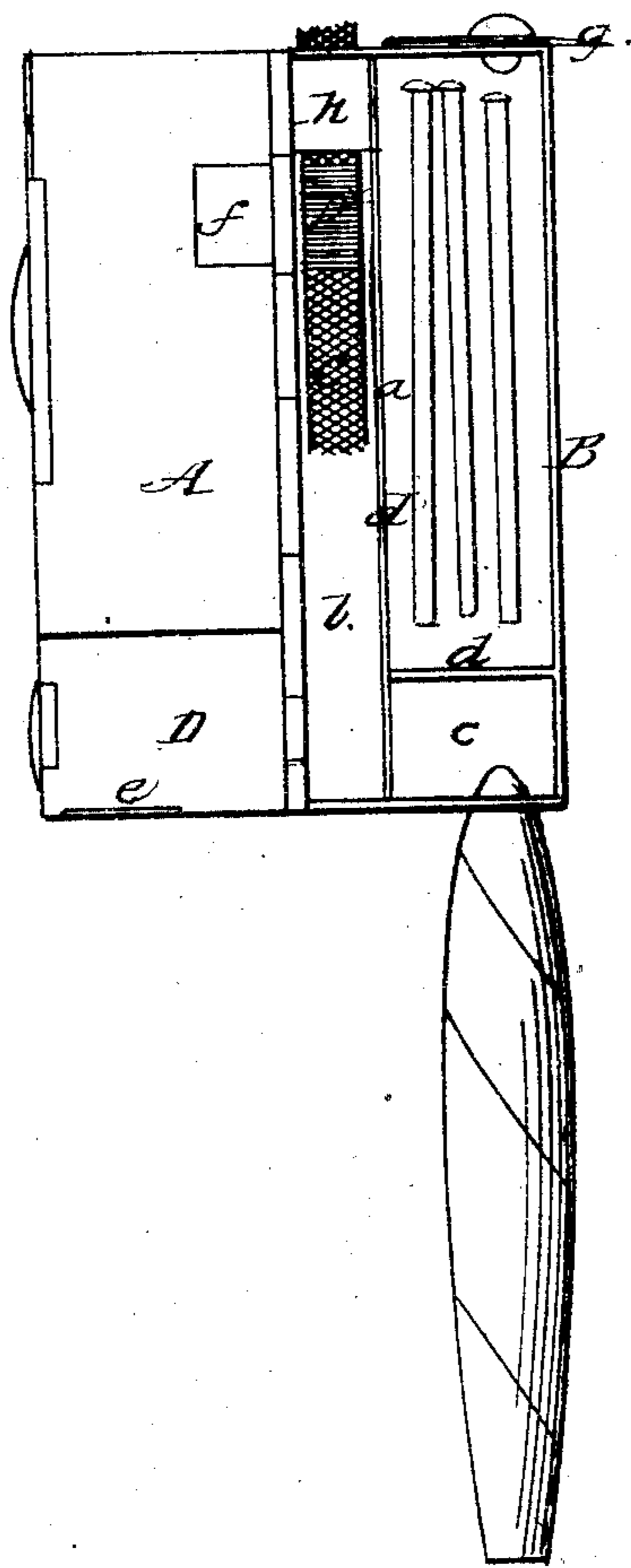


Kirchfield & Heyl.

Match-Box.

N<sup>o</sup> 76084

Patented Mar. 31, 1868.



Witnesses

W. C. Ashkett

W. Deane Overell

Inventor.

J. Kirchfeld

F. Heyl

per J. Munn  
attorneys

# United States Patent Office.

J. KIRCHFELD AND F. HEYL, OF RIEGELSVILLE, PENNSYLVANIA.

*Letters Patent No. 76,084, dated March 31, 1868.*

## 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 we, J. KIRCHFELD and F. HEYL, of Riegelsville, in the county of Bucks, and State of Pennsylvania, have invented a new and improved Match-Box; and we do hereby declare that the following is a full, clear, and exact description thereof, which will enable those skilled in the art to make and use the same, reference being had to the accompanying drawings, forming part of this specification.

This invention relates to a new and improved match-box, for the use of tobacco-smokers, and designed to be carried in the pocket, for the purpose of holding friction-matches and a fuse. The box is also supplied with a cutter for clipping the ends of cigars preparatory to lighting them.

The invention consists in a novel construction of the box, the peculiar application of certain parts to it, &c., as hereinafter fully shown and described, whereby a very convenient article for the purpose specified is obtained.

The accompanying drawing represents our invention with the lid raised, or in an open state, so as to exhibit the interior.

The box may be constructed of sheet metal—that, at least, would be the preferable material—of rectangular form, and provided with a hinged lid, A, the body of the box being designated by B. The body of the box is divided into three compartments, *a b c*, by partitions *d*, one of the compartments, *a*, containing matches, another, *b*, a fuse C, and the other, *c*, being designed to receive and contain the clippings from the ends of the cigars. The compartment *c* is provided with a separate lid, D, having a fleam-shaped cutter, *e*, attached to its outer edge, which, when said lid is closed, passes into the compartment *c*, close to its outer end, and passes over a circular aperture made in said end, and of sufficient size to receive the end of a cigar. By raising the lid D, and inserting the end of the cigar in this opening, and then closing or shutting down the lid, the cutter *e* will clip off the end of the cigar, the compartment *c* holding or retaining the clippings, so that they may be preserved for smoking in a pipe. The compartment *b*, which contains the fuse C, is narrow, but extends the whole length of the box, and in said compartment there is placed a wheel, D<sup>x</sup>, having a serrated or milled edge, by which the fuse may be shoved through an opening in the end of the body B. This wheel projects through an opening, *f*, in the lid A, for the convenience of moving the fuse when the lid is closed. The wheel D<sup>x</sup> bears sufficiently hard upon the fuse to insure, when turned, the movement of the fuse through the opening in the end of the box. This opening, when the box is not in use, is covered by a slide, *g*. On one side of the box there is secured a file, or a corrugated surface is made, over which the matches are rubbed, in order to ignite them.

In using the device, the end of the cigar, which the smoker places in his mouth, is clipped as previously explained. A match is then taken from the compartment *a*, the lid A closed, the slide *g* drawn back, and the fuse C moved out so as to project a trifle beyond the end of the box. The match is then lighted, and the fuse C ignited, which may be done without difficulty in the wind, as the igniting of C is simultaneous. The cigar being lighted, the fuse C is moved back within compartment *b*, and the slide *g* moved to cover the opening in the end of the box through which the fuse passed. The lighted end of the fuse being thus deprived of air, is soon extinguished, and in order to insure this result, and also prevent the possibility of the casual ignition of the matches in *a*, the portion of the compartment over the lighted end is covered by a plate, *h*.

This device may be constructed at a moderate cost, and of quite small dimensions, so that it may be carried in the pocket without any inconvenience.

We claim as new, and desire to secure by Letters Patent—

1. The wheel D<sup>x</sup>, fitted in the box B, in connection with the opening in the end of the box, and the slide *g*, all arranged substantially as and for the purpose specified.
2. The cutter *e*, attached to the lid D, in connection with the opening in the end of the compartment *c*, substantially as and for the purpose set forth.
3. The combination of the box B, hinged lids A D, wheel D<sup>x</sup>, slide *g*, and cutter *e*, all arranged substantially as and for the purpose set forth.

J. KIRCHFELD,  
F. HEYL.

Witnesses:

THOS. RICHARDSON,  
FRANK P. McWANEY.