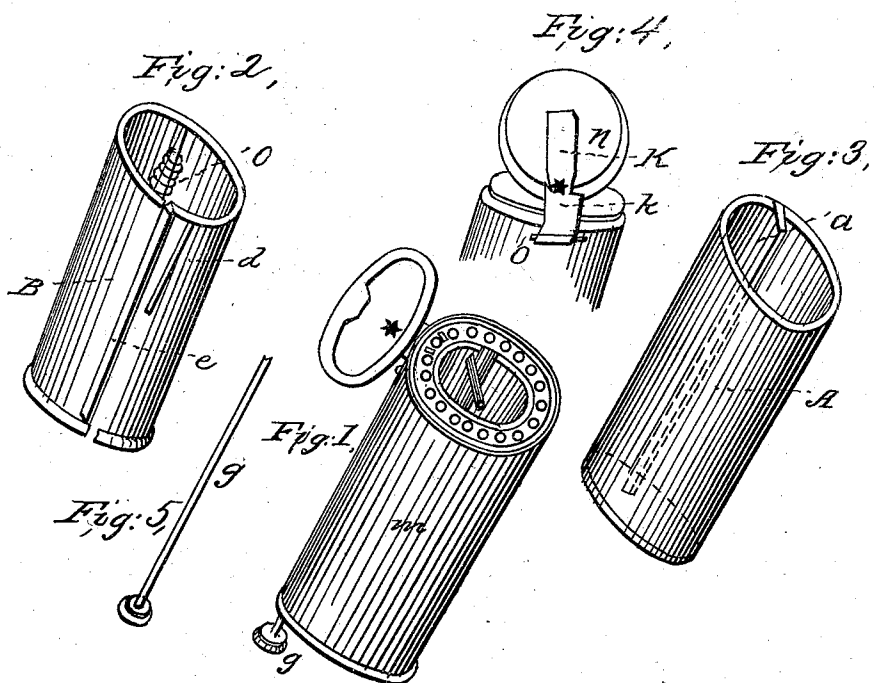


ROESLER & FREY.

Match Box.

No. 22,979.

Patented Feb. 15, 1859.



Witnesses:

W. F. Aydel
Thomas Brown

Inventors.

A. Roesler
Charles Frey

UNITED STATES PATENT OFFICE.

A. ROESLER AND C. FREY, OF WARSAW, ILLINOIS.

POCKET MATCH-BOX.

Specification of Letters Patent No. 22,979, dated February 15, 1859.

To all whom it may concern:

Be it known that we, ADOLPH ROESLER and CHARLES FREY, of Warsaw, in the county of Hancock and State of Illinois, have invented
5 a new and useful Improvement in Pocket Match-Boxes; and we do hereby declare that the following is a full and exact description of the same.

The nature of our invention consists in
10 having two tapering cylinders arranged, so, when one is set in the other, a space of the thickness of a match is left between them. To the outside cylinder, a rod or tube is attached to the bottom, which is slipped
15 loosely through an opening in both bottom and top of the inside cylinder. A spiral spring is wound around said tube, to which it is attached with one end, and with the other end said spring is fastened to the inside
20 cylinder, which is then provided with a catch for the purpose of winding said spring up. Another spring is fastened to the outside of the inside cylinder, a knob of which, by winding up the inside spring, catches in
25 a hole, that is made through the outside cylinder.

A slide is fitted between both cylinders for the purpose of pushing the matches, (that are put between the cylinders) out through
30 an opening in the cover of the box, said opening is provided with two sharp pointed plates, which scratch and ignite the match.

To enable others skilled in the art, to make and use our invention, we will proceed to describe its construction and operation: reference being had to the annexed drawings making a part of this specification.

A, is a cylinder, provided inside with strip, *a*, see Fig. III.

40 B, is a narrower cylinder, so when placed in cylinder A, it will leave a space of the thickness of a match between them. Cylinder B, is provided outside with strip, C, see Fig. II, spring, *d*, is attached to cylinder,
45 B, the head of said spring is fitted in a hole, that is made through cylinder A.

A tube, E, is fastened to the bottom of cylinder A, and slipped loosely through an opening in both, bottom and top of cylinder B. A spiral spring, is fastened with one
50 end to tube, E, and with the other end to cylinder, B, see Fig. II. Catch, *f*, is fastened on the top of cylinder B, a slide *g*, is arranged through an opening in the bottom
55 of cylinder A, between the two cylinders for the purpose of pushing the matches out through an opening in cover *h*, see Fig. IV. Said opening is provided with two sharp pointed plates *k*, a mantle *m*, may be slipped
60 over cylinder A, that will make the box the same width on bottom and top.

From the above description it will be seen, that spring O, will be wound up, by turning cylinder, B, by means of catch, *f*, the head
65 of spring *d*, snaps in a hole in cylinder, A, and keeps it from springing back then the room between the two cylinders may be filled with matches. Now push the head of spring
70 *d*, back, and spring O, pulls cylinder B, strip *e*, pushes the matches tight together against slide, *g*, now pull the slide back, and the matches then lie against strip, *a*,
75 and by pushing the slide forward, pass through the opening in the cover of the box between the sharp pointed plates, *k*, which scratch and ignite the match, and so until they are all out.

Having now described our invention what we claim as new and desire to secure by Letters Patent is—
80

1. The cylinders A, and B, provided with strips *a*, and *e*, and spring *d*.

2. Tube E, provided with spring O, the whole being arranged substantially as described and for the purpose specified.

ADOLPH ROESLER.
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Witnesses:

WILLIAM F. ANTFELD,
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