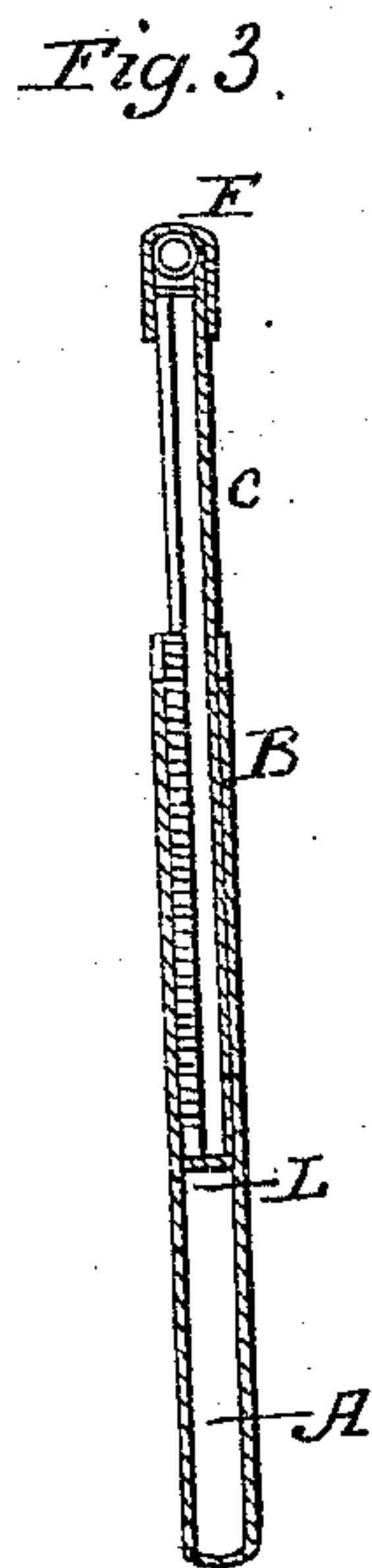
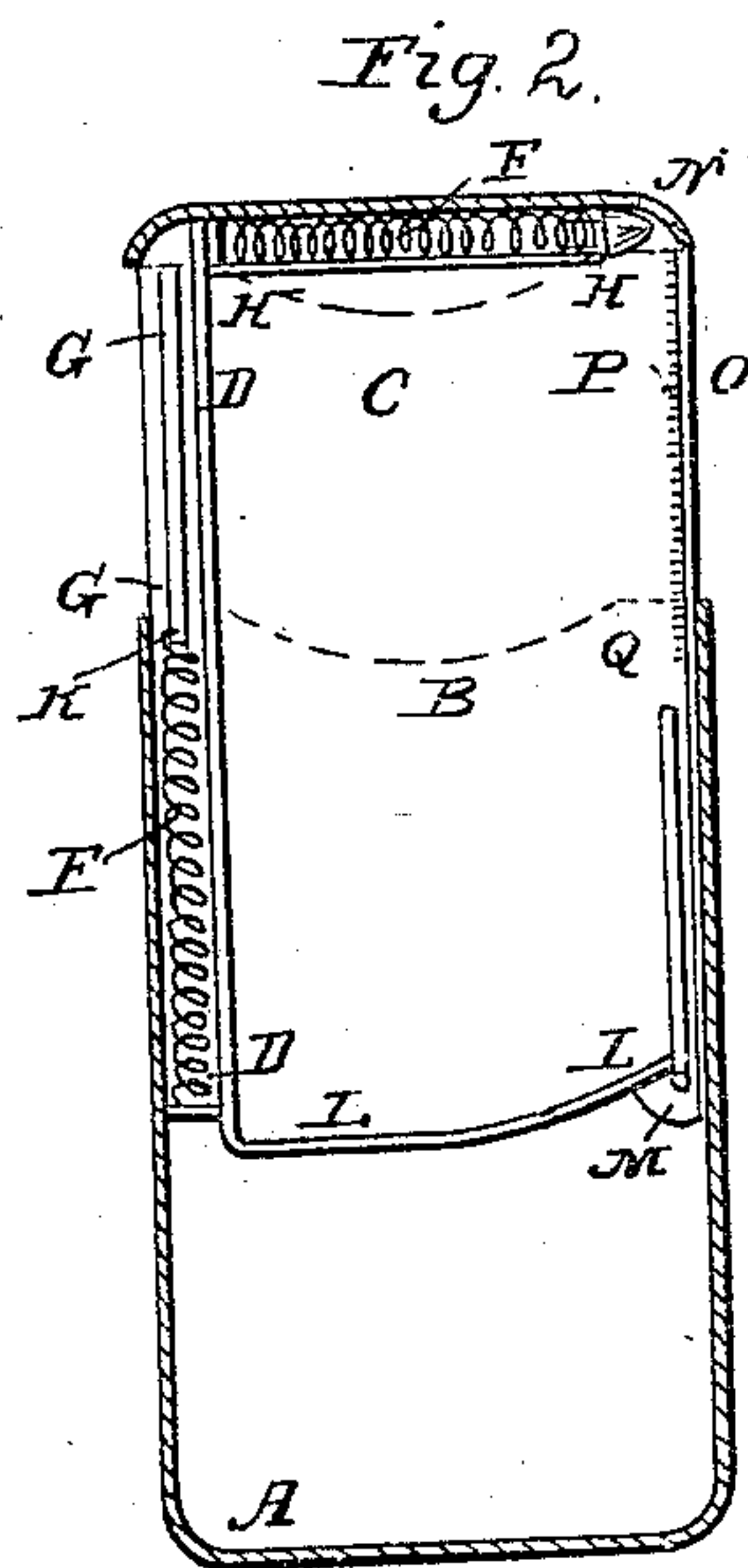
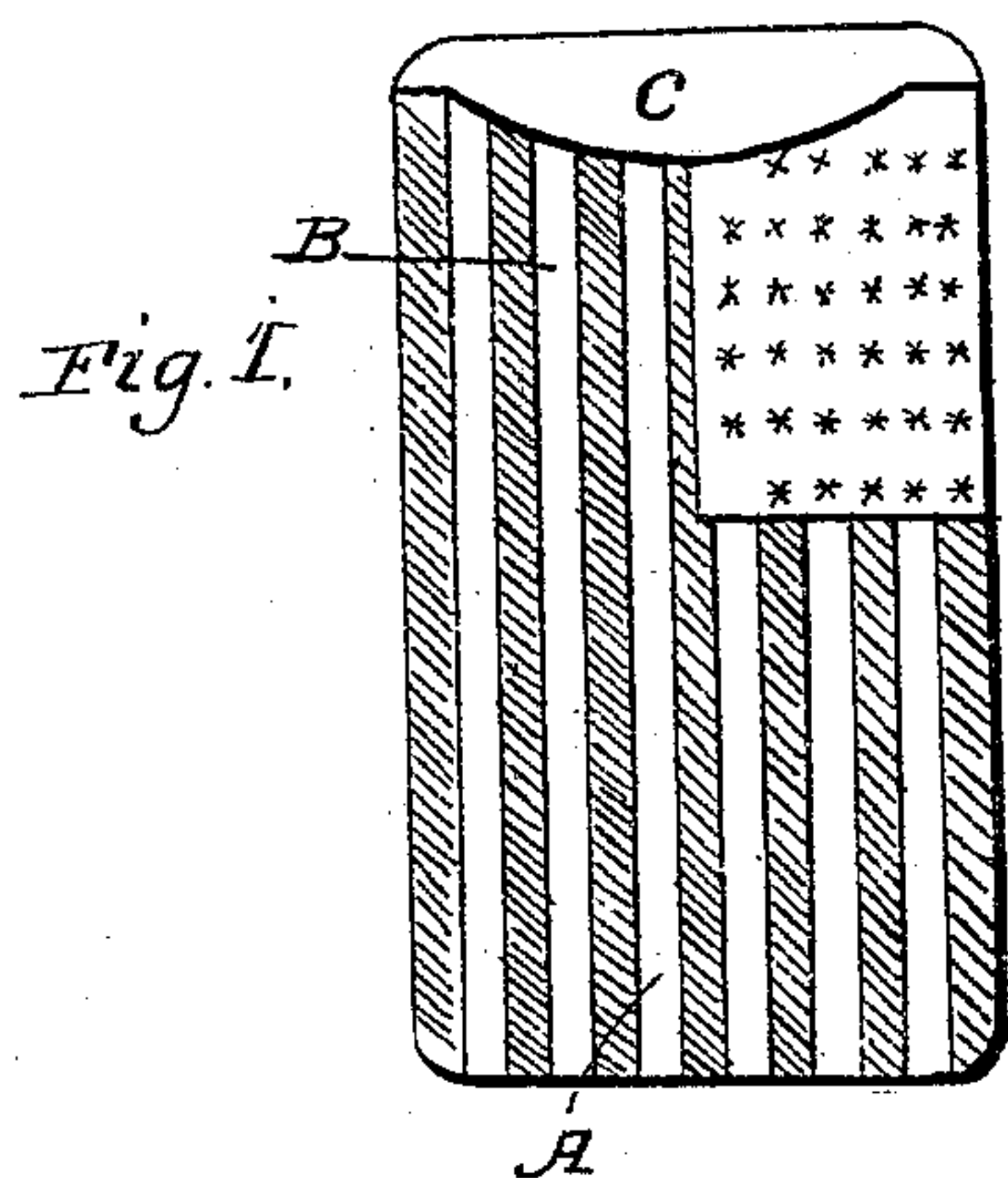


S. W. FRANCIS.

Match Box.

No. 34,249.

Patented Jan. 28, 1862.



Witnesses:
J. J. Howard
H. Beaumont

Inventor:

Saml W Francis md.

UNITED STATES PATENT OFFICE.

SAMUEL W. FRANCIS, OF NEW YORK, N. Y.

IMPROVED POCKET MATCH-BOX.

Specification forming part of Letters Patent No. 34,249, dated January 28, 1862.

To all whom it may concern:

Be it known that I, SAMUEL W. FRANCIS, of the city and county of New York, in the State of New York, have invented a new and Improved Pocket Match-Safe; and I do hereby declare that the following is a full and exact description thereof, reference being had to the accompanying drawings, and to the letters of reference marked thereon.

The nature of my invention consists in providing a flat box, open at one end, with a drawer held in by a spring, and with other mechanical contrivances, by means of which, when the drawer is drawn in by the spring, after it has been drawn half-way out, one match is made to project out of the box, and, being pulled, is lighted by inside friction.

Figure 1 is a perspective view. Fig. 2 is a longitudinal section. Fig. 3 is a longitudinal section perpendicular to the first.

A B is a flat box open at the end B.

C is a drawer sliding in the box. The metal of the drawer is raised at D D to form a guide for spring F.

G G is a slot.

H H is a partition to inclose spring I and sliding piece J.

K is a pin riveted in the box. This pin passes through slot G G, and thus prevents the drawer from being pulled out more than is shown in Fig. 2. This pin is also a rest for spring F, the other end of which abuts against the edge L of the drawer.

M is another pin fastened in the box.

At N the edge of the drawer is cut away to leave a free passage for the matches.

At O, P, and Q the box or the drawer or both are made into a rough surface for the matches to be rubbed against.

To fill the box with matches, it is held in the left hand, the opening N being upward, and the matches are pushed in through said opening one after the other, the friction material being first, until the box is filled.

To use the box, it is held in the left hand, the side O M being downward. The drawer is seized with the other hand and pulled out as far as possible. Then let go. The pulling out brings the end of the lowest match over pin M, and when the drawer is let go and brought home by the spring F the lowest match, being prevented from receding by pin F, is left projecting half-way out through the opening N. This match is then taken hold of and pulled entirely out, with the care of pressing it sidewise against the rough surface inside of the case. By this means it comes out lighted.

The object of spring I and slide J is to prevent the match from falling out when the box is carried.

What I claim as my invention, and desire to secure by Letters Patent from the United States, is—

The combination and arrangement of the box A B, the drawer C, the springs F and I, and stopper M, substantially as and for the purpose specified.

SAML. W. FRANCIS.

Witnesses:

P. CASAMAJOR,

T. DELENWOOD.