

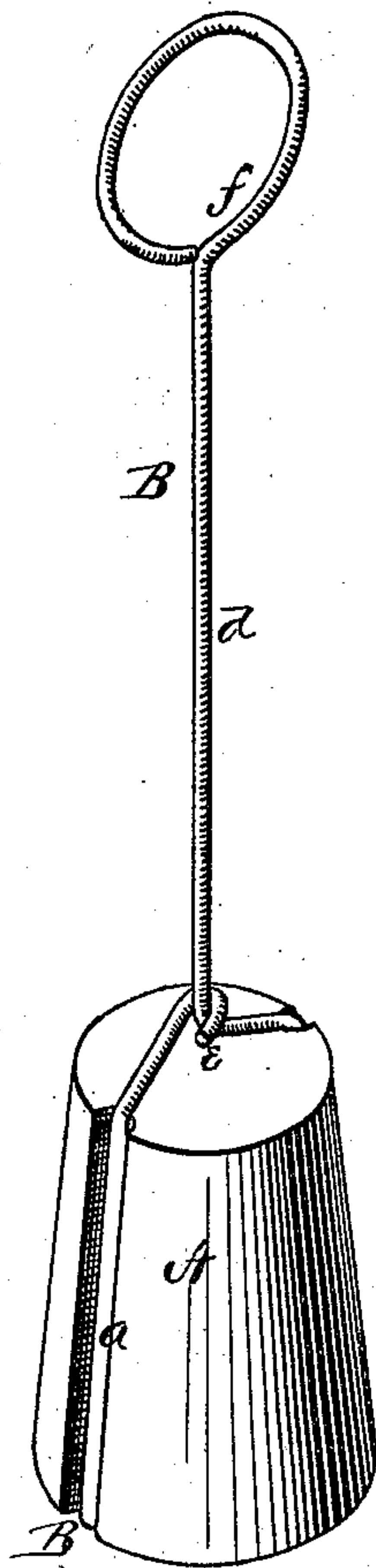
J. B. SWEETLAND.

FIRE-KINDLER.

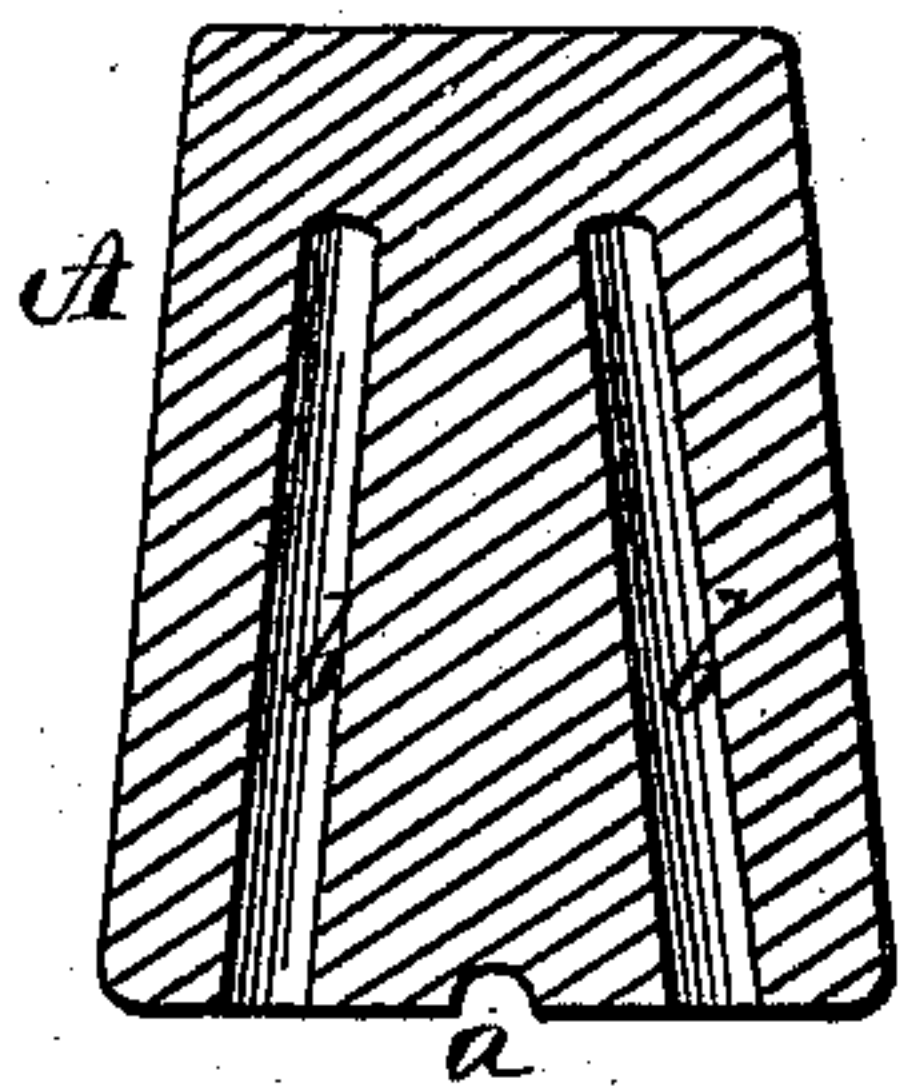
No. 176,705.

Patented April 25, 1876.

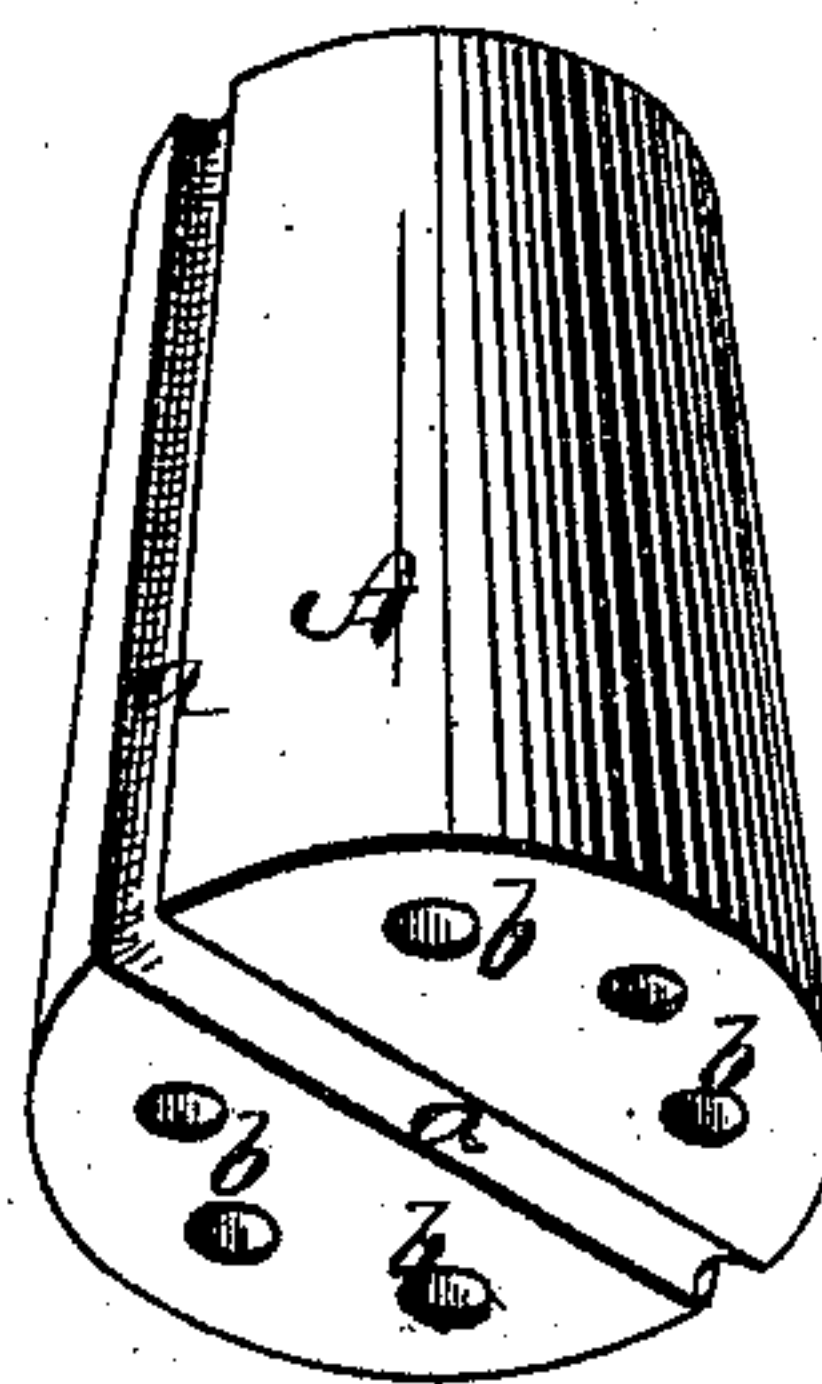
*Fig. 1.*



*Fig. 3.*



*Fig. 2.*



WITNESSES

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JEROME B. SWEETLAND, OF PONTIAC, MICHIGAN.

## IMPROVEMENT IN FIRE-KINDLERS.

Specification forming part of Letters Patent No. **176,705**, dated April 25, 1876; application filed October 21, 1875.

*To all whom it may concern:*

Be it known that I, JEROME B. SWEETLAND, of Pontiac, in the county of Oakland and in the State of Michigan, have invented certain new and useful Improvements in Fire-Kindlers; and do hereby declare that the following is a full, clear, and exact description thereof, reference being had to the accompanying drawing, and to the letters of reference marked thereon, making a part of this specification.

The nature of my invention consists in the construction and arrangement of a fire-kindler with detachable handle, as will be hereinafter more fully set forth.

In order to enable others skilled in the art to which my invention appertains to make and use the same, I will now proceed to describe its construction and operation, referring to the annexed drawing, in which—

Figure 1 is a perspective view of my fire-kindler complete. Fig. 2 is a perspective view of the brick part thereof without the handle. Fig. 3 is a section of the same.

A represents the head of the fire-kindler, made of brick or other similar material, in the form of a truncated cone or tapering cylinder, and provided with a groove, *a*, which extends diametrically across the large end of the head, and then up on both sides thereof to the small end. In the large end of the head A are a number of holes, *b*, extending upward into the same at an angle or parallel with the sides of the head. B represents a wire handle placed

in the grooves *a* of the head A, and bent around the head, as shown in Fig. 1. One end of the wire is bent to form a hook, *e*, which catches immediately above the head A on the stem or shank *d* of the handle, as shown.

The head A is intended to be saturated with naphtha, kerosene oil, or other suitable inflammable material, and then set on fire. The blaze pours out of the holes *b* in the end of the head when it is laid in the stove, instead of rising straight up.

The handle B can easily be detached, so that, in case the brick gets broken, it can be replaced.

The handle is provided with a ring, *f*, at its end, so that it can be hung up when not in use.

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

The combination, in a fire-kindler, of the perforated head A, having a groove, *a*, which extends vertically on two sides and across the bottom of the same, with the wire handle B, which is wrapped around said head in the groove *a* and connects by a hook, *e*, formed on the wire, as set forth.

In testimony that I claim the foregoing I have hereunto set my hand this 6th day of October, 1875.

J. B. SWEETLAND.

Witnesses:

JOSEPH E. SAWYER,  
EDWARD C. SMITH.