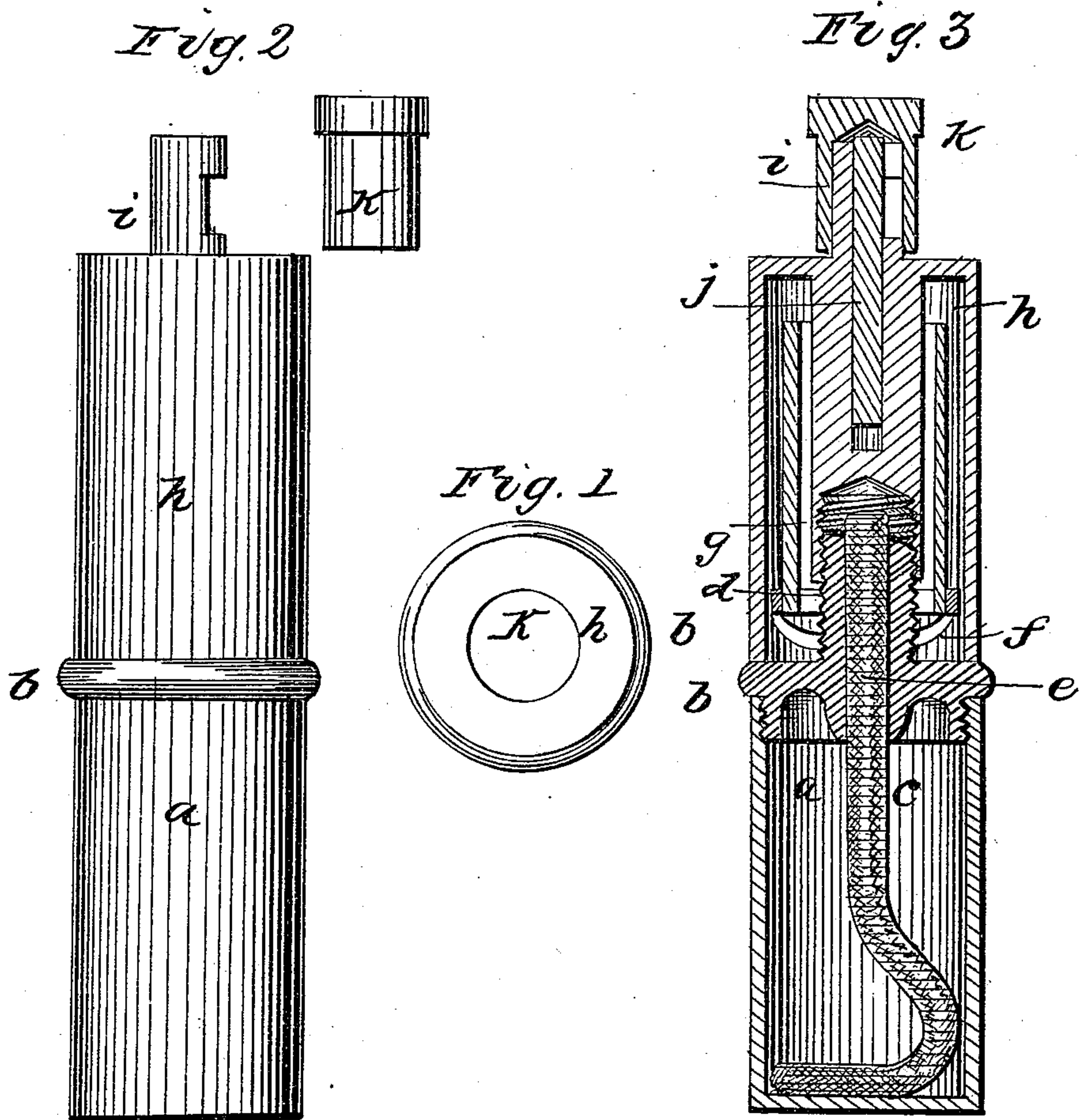


FOSTER & BARTLETT.

Pocket Lamp.

No. 94,300.

Patented Aug. 31, 1869.



witnesses

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United States Patent Office.

AMOS P. FOSTER AND DANIEL B. H. BARTLETT, OF LOWELL, MASSACHUSETTS,
ASSIGNORS TO THEMSELVES AND CHARLES F. HOWE, OF SAME PLACE.

Letters Patent No. 94,300, dated August 31, 1869.

IMPROVEMENT IN POCKET-LAMPS.

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, AMOS P. FOSTER and DANIEL B. H. BARTLETT, both of Lowell, in the county of Middlesex, and State of Massachusetts, have invented new and useful Improvements in a Pocket-Lamp and Match Combined; and we 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 our invention consists in the arrangement and construction of the improved pocket-lamp, combining in itself an endless match and lamp, being novel, simple, cheap, and useful.

To enable others skilled in the art to make and use our invention, we will proceed to describe its construction and operation.

Figure 1 represents a plan view of our improved pocket-lamp and match combined.

Figure 2 represents a side elevation of the same, with the cap removed.

Figure 3 represents a vertical section of the same.

Similar letters in the different figures indicate corresponding parts.

In the construction of our improved device, A represents the lamp, which is provided at its top with a cap or cover, *b*, it being screwed to the same, and when thus secured, forms a receptacle, *c*, for the fluid or oil, which is air-tight.

Projecting from the centre of this cap, *b*, is the tube *d*, through which the wick *e* passes.

On the outside of this tube, *d*, is formed a screw, to which is secured the holder *f*, on which rests the chimney *g*.

h is the match-case, the top of which being provided with a tube, *i*, which tube projects into the inside of the case *h*. Into this tube *i* is inserted an endless match, *j*.

The top of this tube *i* is provided with a slot, for

the convenience of raising the match *j*, when required to be lighted.

This tube *i* is further provided with a cover, *k*, which keeps the match *j*, when not in use, perfectly safe and secure.

Formed in the end of the tube *i*, inside of the case *h*, is a female screw, which corresponds in size and finish with the male screw, formed on the wick-tube *i*, which, by this arrangement, when the lamp is not required to be used, the match-case *h* and lamp *a* are secured together.

Our improved device being thus constructed, of the required size and shape, and its several parts being adjusted in position, is then ready for use.

The operator in using the same, separates the lamp *a* from the case *h*, he then removes the cap, *k*, from the match-tube *i*, striking the same, which instantly ignites the same, he then lights the wick *e*; and we find, with the use of our improved device, the oil and match, and in fact all the parts, being encased in a metallic case, which, when thus arranged, being compact, is a very useful device, for travellers especially, and can be carried in the pocket without any danger whatever of damaging the clothes.

What we claim as our invention, and desire to secure by Letters Patent, is—

The arrangement and construction of the lamp *a*, with or without the chimney *g*, case *h*, match-tube *i*, with cap *k*, when operating as described and specified.

Also, in combination with the lamp *a*, the match *j*, with case *h*, when arranged as described.

AMOS P. FOSTER.

DANIEL B. H. BARTLETT.

Witnesses:

R. T. RAWSON,
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