

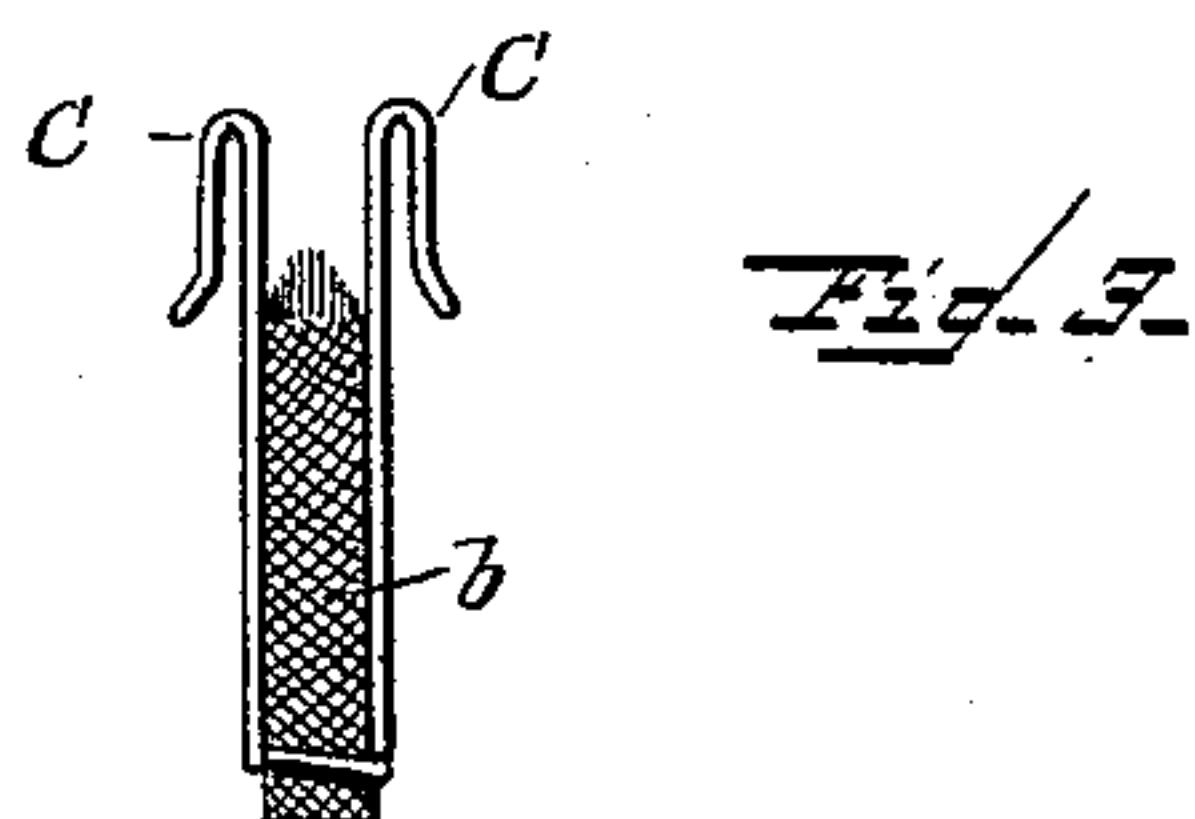
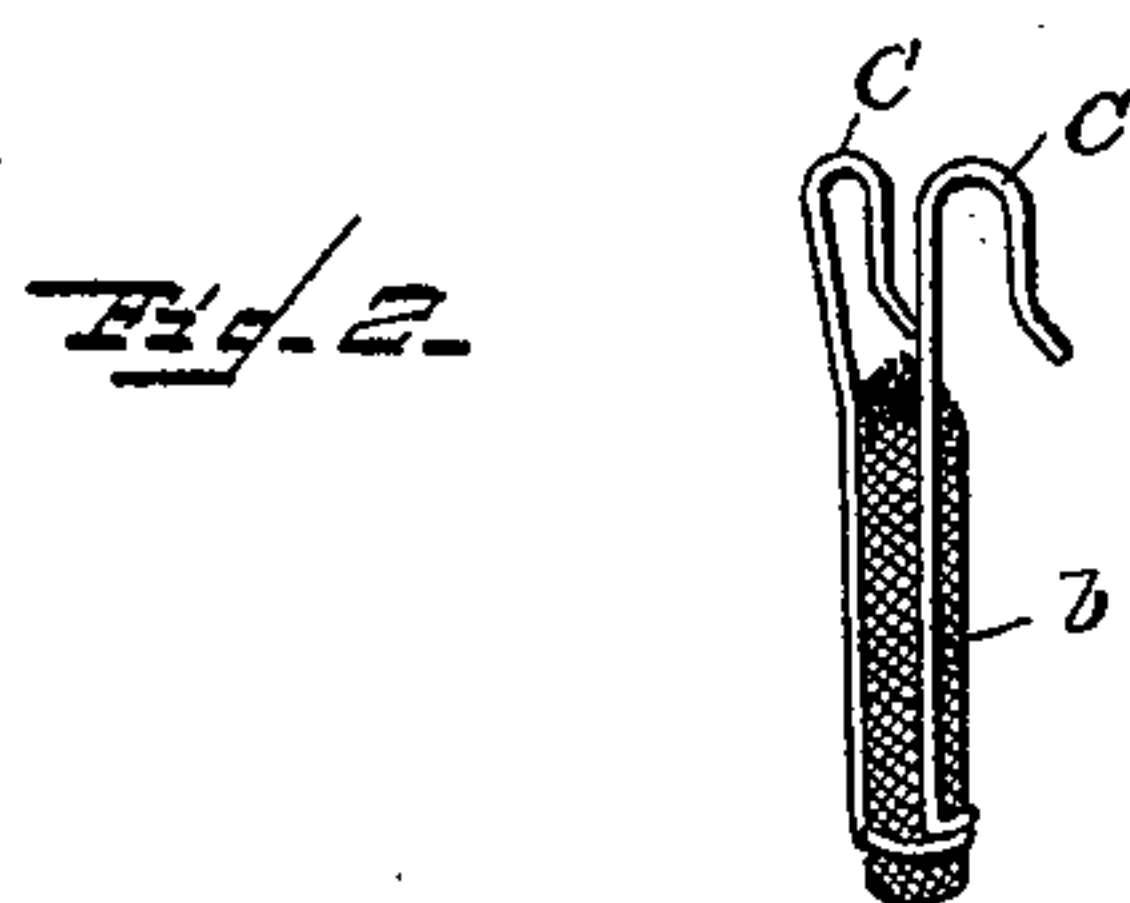
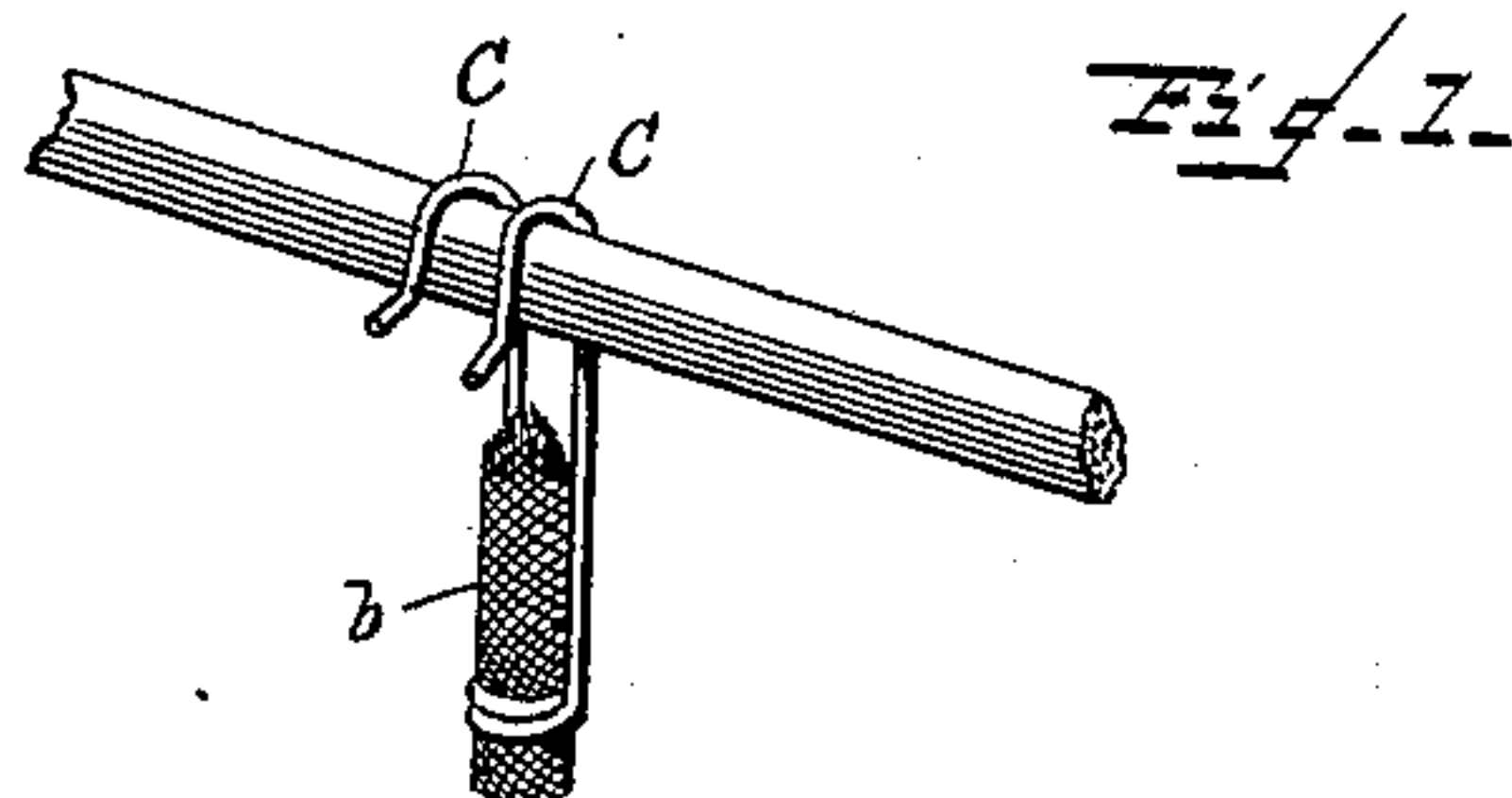
(No Model.)

W. H. RANDALL.

FUSE LIGHTER.

No. 388,716.

Patented Aug. 28, 1888.



WITNESSES,
Edwin L. Yewell.
Francis N. Quinlan.

INVENTOR,
William H. Randall.
By [Signature]
Attorneys.

UNITED STATES PATENT OFFICE.

WILLIAM H. RANDALL, OF CHICAGO, ILLINOIS.

FUSE-LIGHTER.

SPECIFICATION forming part of Letters Patent No. 388,716, dated August 28, 1888.

Application filed June 6, 1888. Serial No. 276,222. (No model.)

To all whom it may concern:

Be it known that I, WILLIAM H. RANDALL, a citizen of the United States of America, residing at Chicago, in the county of Cook and State of Illinois, have invented certain new and useful Improvements in Fuse-Lighters, of which the following is a specification, reference being had therein to the accompanying drawings.

10 My invention pertains to an improvement in fuse-lighters which is designed to supply an inexpensive, simple, and efficient means of securing the lighting medium to the fuse; and it consists in the peculiar structure and arrangement of the parts, substantially as hereinafter more fully shown and described.

15 In the accompanying drawings, Figure 1 is a view in perspective showing the fuse-lighter in position. Fig. 2 is a similar view, the fuse being removed; and Fig. 3 is a rear view thereof.

20 In constructing my fuse-lighter I employ a suitable strand of wire, with which I tightly enroll a compact candle-wick, *b*, the ends of the wire in continuation being bent at right angles to the coil and then crooked to form hooks *C*. The ends of the corresponding

hooks *C* being flared outwardly, as shown, the fuse-lighter in practice is readily hooked upon the fuse, whereon it is thus tightly held by the retraction or elasticity of the wire. Candle-wick *b* is soaked in a solution of equal parts of beeswax, tallow, and turpentine, and thus rendered highly inflammable. The fuse and the lighting material being thus held securely in their relative positions, the eventual lighting of the fuse is insured, and any danger arising from premature explosion is avoided.

I claim as my invention—

1. A fuse-lighter consisting of a strand of wire coiled upon a candle-wick and formed into hooks for inclosing the fuse, substantially as shown and described.

2. A fuse-lighter having a coiled portion for securing a compact and inflammable candle-wick and right-angular portions provided with outer hooked ends, as shown and described.

In testimony whereof I affix my signature in presence of two witnesses.

WILLIAM H. RANDALL.

Witnesses:

W. H. PORTER,
GILBERT E. PORTER.