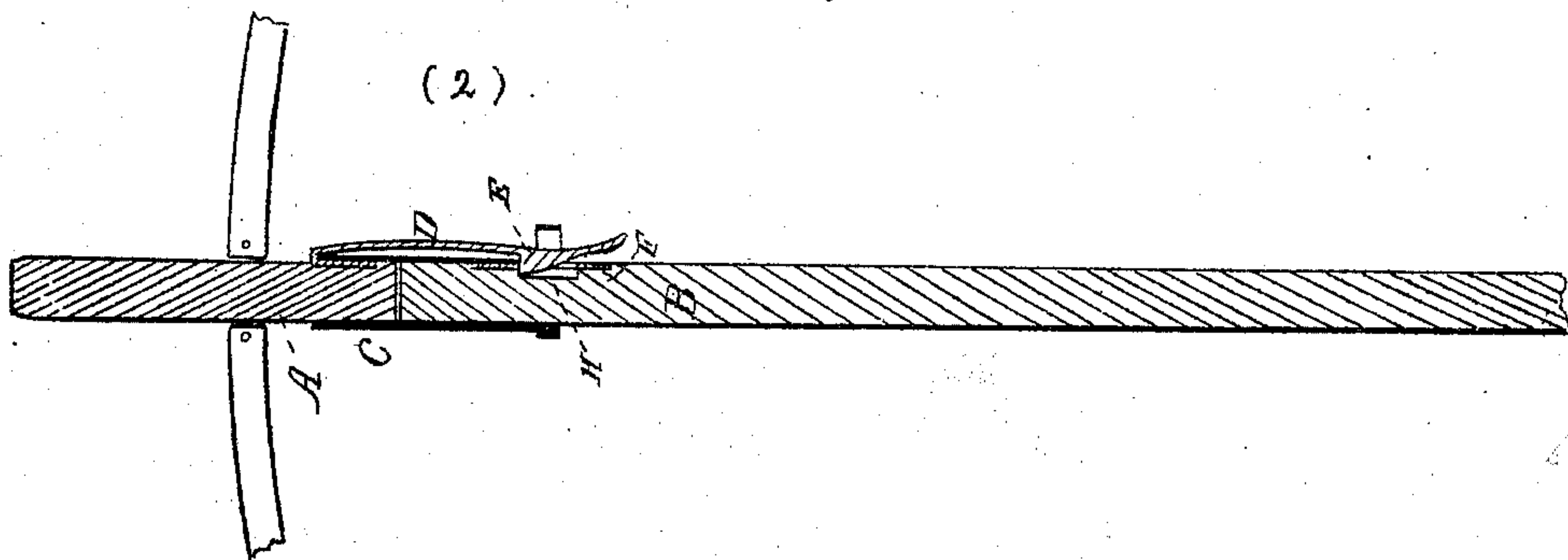
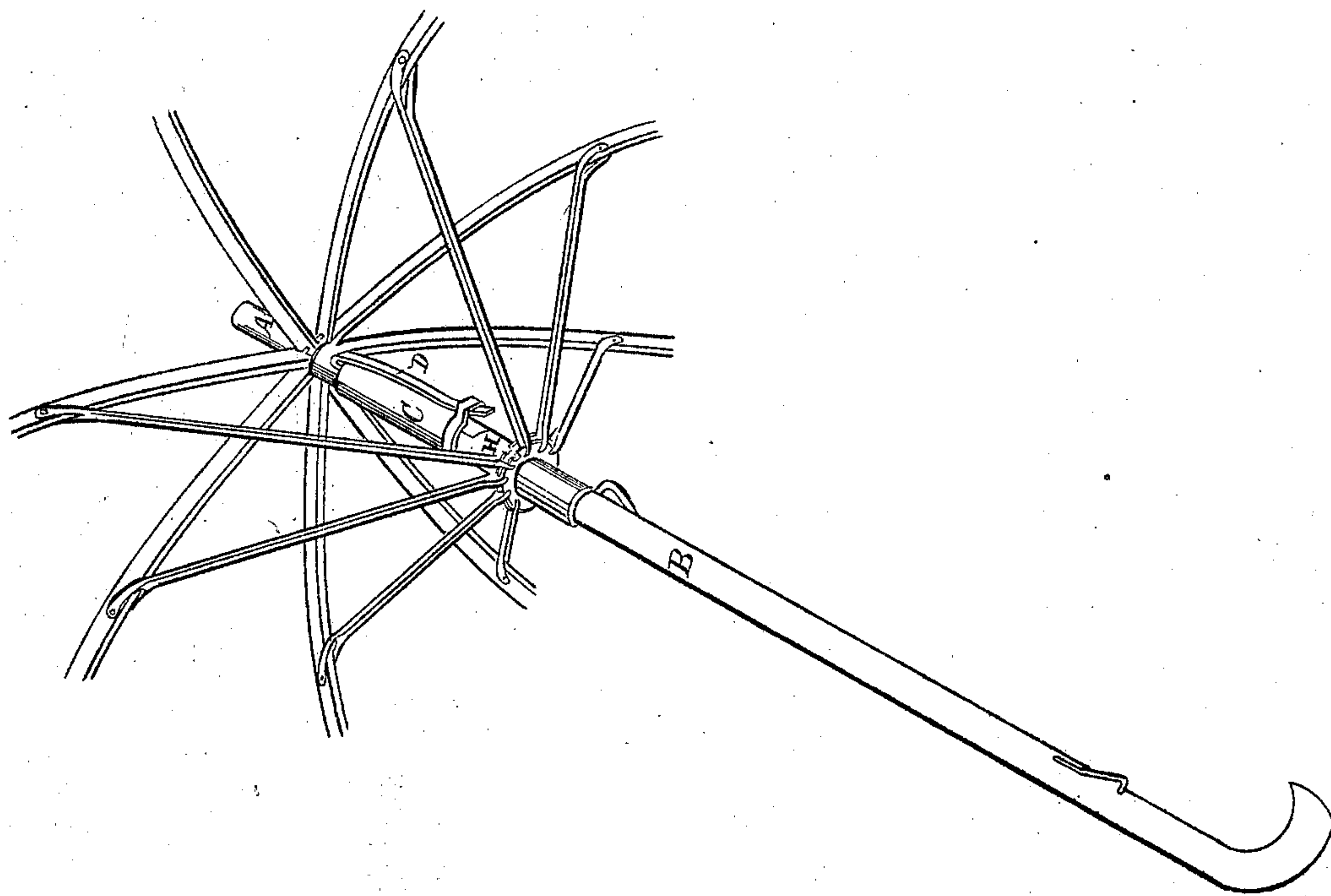


A. Smith.
Combined Umbrella & Cane

No 97559.

Patented Dec 7. 1869



Addison Smith
by Charles S Whitman
att'y

Witnesses:
Charles W. Young
A. Mitchell

United States Patent Office.

ADDISON SMITH, OF PERRYSBURG, OHIO.

Letters Patent No. 97,559, dated December 7, 1869.

IMPROVEMENT IN COMBINED UMBRELLA AND CANE.

The Schedule referred to in these Letters Patent and making part of the same.

To all whom it may concern:

Be it known that I, ADDISON SMITH, of Perrysburg, in the county of Wood, in the State of Ohio, have invented a new and useful Improvement in Umbrella-Standards; and that the following description, taken in connection with the accompanying plate of drawings, hereinafter referred to, forms a full and exact specification of the same, wherein I have set forth the nature and principles of my said improvement, by which my invention may be distinguished from others of a similar class, together with such parts as I claim, and desire to secure by Letters Patent.

My invention relates to umbrella-staves or standards, and consists in certain modifications in the details of the same, whereby the said standard is rendered detachable by means of a spring-pawl attached to a cylindrical ferrule, and working in a slot cut in the said standard, as hereinafter described.

The said standard, thus rendered detachable, may be used as a walking-stick.

In the plate of drawings hereunto annexed, and forming a part of this specification—

Figure 1 is a perspective view, showing the application of my invention to an ordinary umbrella-frame.

Figure 2 is a vertical section of the standard.

The staff or standard, which is attached in the usual manner to the ribs and runner of an umbrella of ordinary form, consists of two parts, A and B.

To the upper part, A, of the standard, is fitted the cylindrical ferrule C, in such a manner that the said upper part A fills about one-third of the cylindrical contents.

A spring-pawl, D, is attached to and secured by the cylindrical ferrule, in the manner and form clearly represented in fig. 2. The lower portion of the pawl-spring is curved slightly outward, in order that the same may be conveniently attached by the finger.

The pawl E is such a form as to fit a slot, H, cut in the lower portion B of the standard, which said slot is protected from abrasion and wear by means of the semi-cylindrical plate F.

When the umbrella is in use, the parts A and B, of the standard, are held firmly together by means of the ferrule C and pawl-spring D.

If it is desirable to remove or detach the part B, in order to render the article worthless for the time being, and thus preclude the liability of its being exchanged or stolen, or for any other purpose, it is merely necessary to press lightly upon the pawl-spring, and withdraw the part B from its ferrule-casing. The part B, being thus disengaged, may be used, if desirable, for a walking-stick.

I do not claim broadly the detaching of the handles or staves of umbrellas; but

What I claim, and desire to secure by Letters Patent, is—

The arrangement of the spring-pawl D and ferrule C with the lower detachable section of the standard B, for the purposes herein described, substantially as set forth.

ADDISON SMITH.

Witnesses:

POLLY H. JONES,
CHARLES M. YOUNG.