

L. Roth.

Umbrella.

N^o 79780.

Patented Jul. 7. 1868.

Fig. 1.

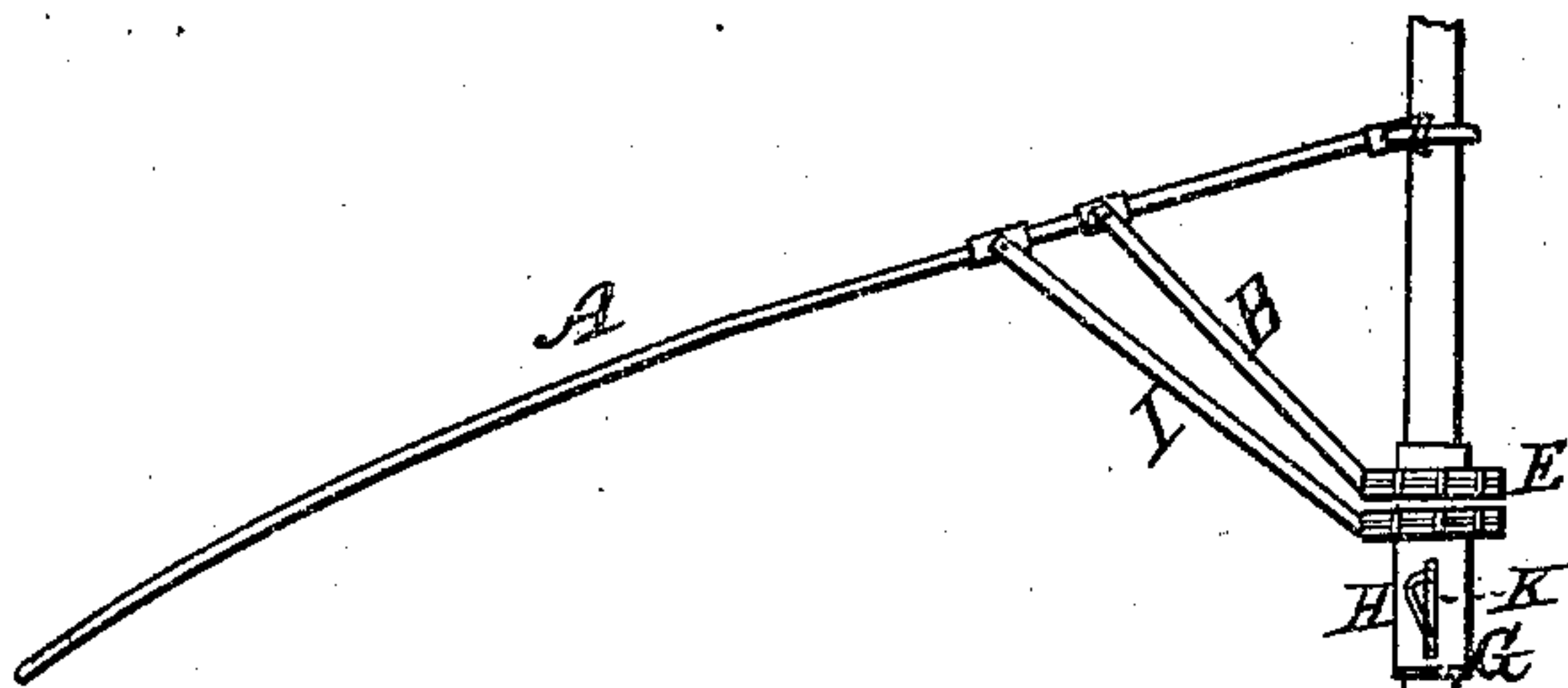
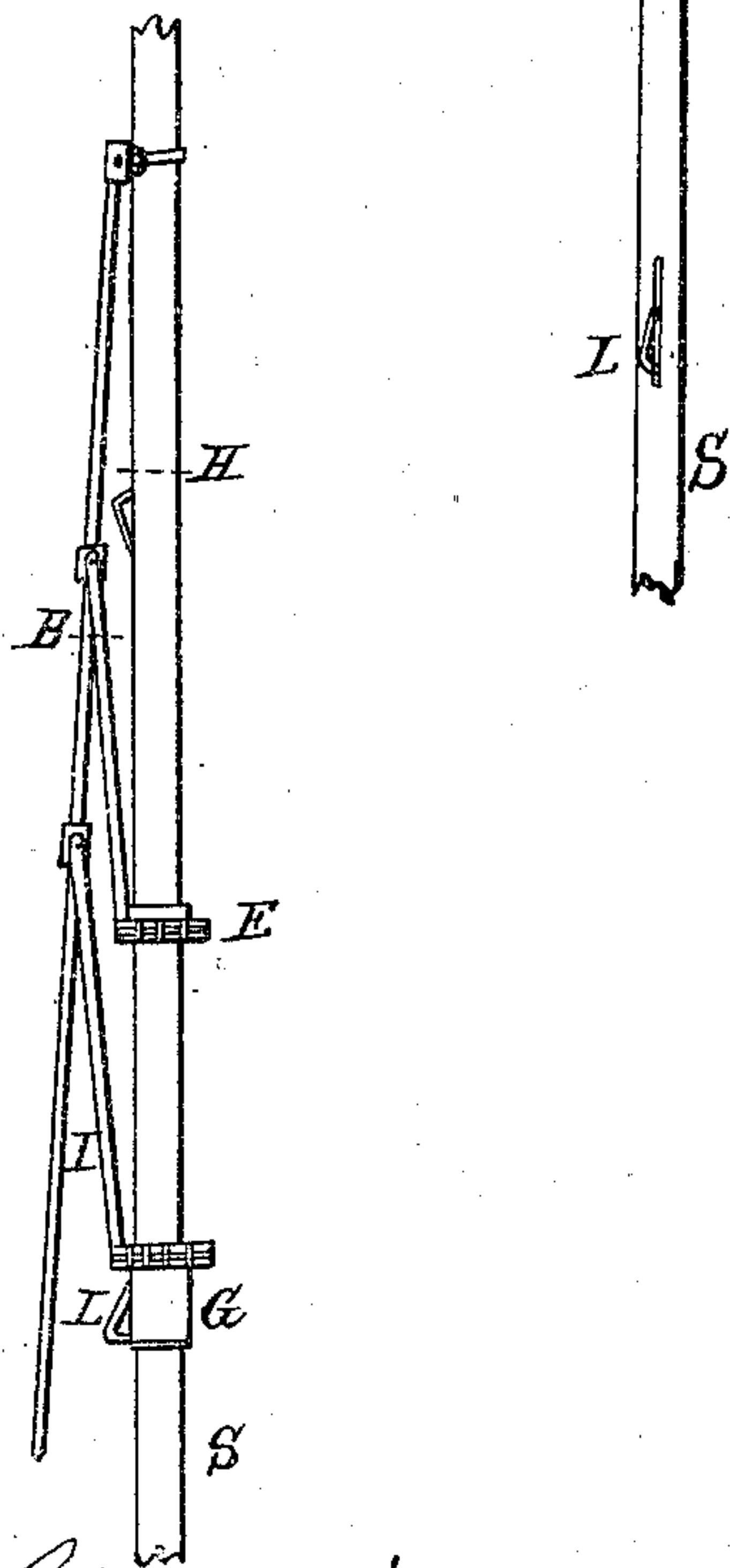


Fig. 2.



Witnesses:

Horace Harris
L. J. Baker

Inventor:

Lewis Roth

United States Patent Office.

LEWIS ROTH, OF NEWARK, NEW JERSEY.

Letters Patent No. 79,780, dated July 7, 1868; antedated July 2, 1868.

IMPROVEMENT IN UMBRELLAS.

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, LEWIS ROTH, of Newark, in the county of Essex, and State of New Jersey, have invented a new Improvement in Umbrella-Frames; and I do hereby declare that the following is a full and exact description of the same, reference being had to the accompanying drawings, and to the letters of reference marked thereon.

My invention consists, first, in attaching to the arm A of an umbrella, a second brace, B.

Figure 1 shows the arm extended, as when the umbrella is raised,

Figure 2, as when it is closed.

When the umbrella is raised, the slide G moves up the staff S to the rest H, at which point it strikes the thimble E, or its equivalent, to which the inner end of the brace B is fast, and, the other end being fast to the arm above the regular brace I, adds material strength to the arm, making it impossible for an umbrella to be turned "wrong side out" by the wind.

I am aware that double braces have been used, as seen in a French patent, but the principle of that is entirely unlike mine. In that, the braces came together at the arm, and one is attached to springs at the staff, for the purpose of self-closing, which is the object of it. Mine is added to increase the strength.

I claim the arrangement of the brace B, extending from the thimble E to the arm A, above the regular brace I, in the manner and for the purpose named.

LEWIS ROTH.

Witnesses:

HORACE HARRIS,

L. J. BAKER.