

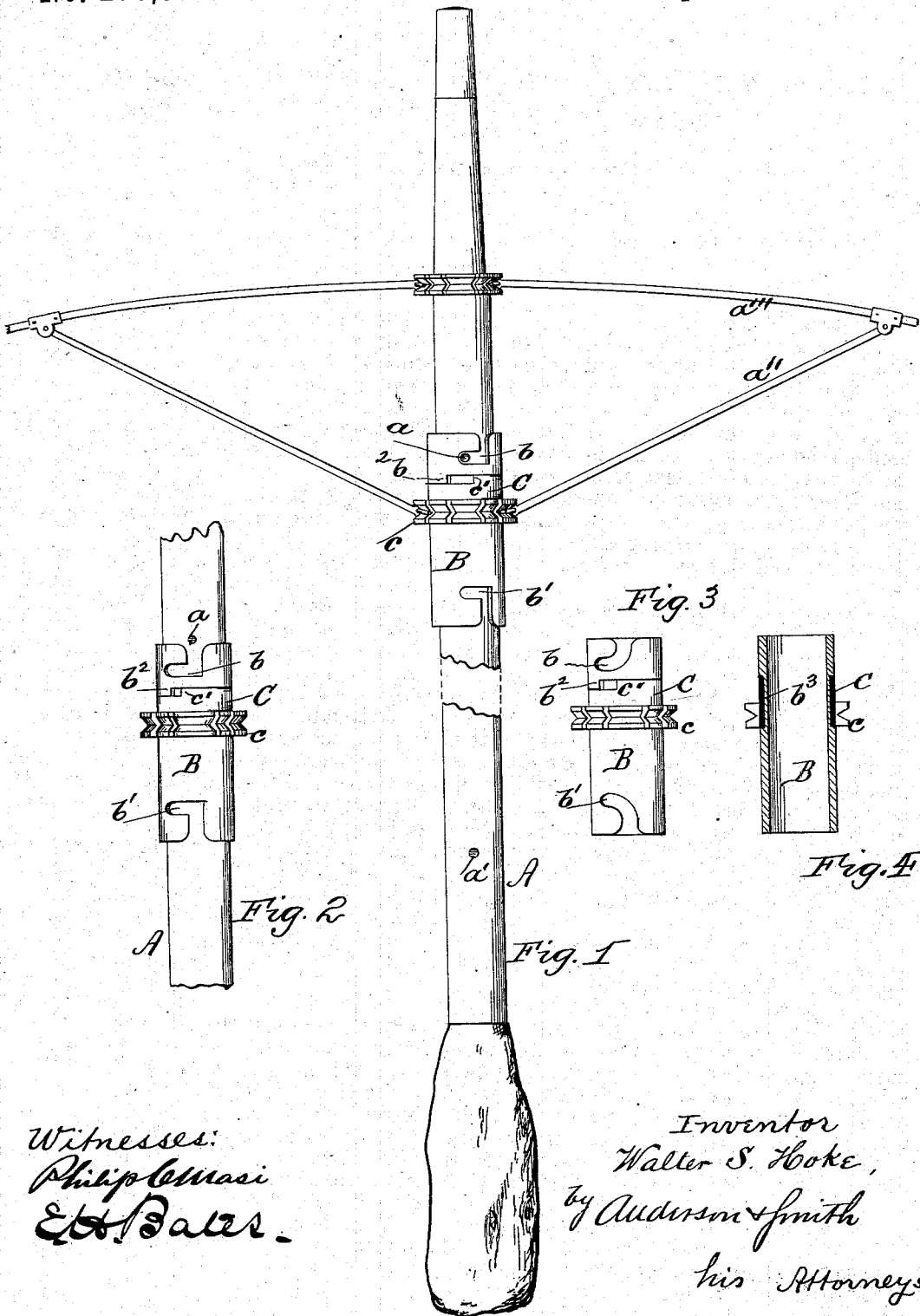
(Model.)

W. S. HOKE.

CATCH FOR UMBRELLA HANDLES.

No. 276,536.

Patented Apr. 24, 1883.



Witnesses:
Philip L. Masi
E. A. Bates.

Inventor
Walter S. Hoke,
by Anderson & Smith
his Attorneys

UNITED STATES PATENT OFFICE.

WALTER S. HOKE, OF PHILADELPHIA, PENNSYLVANIA, ASSIGNOR OF ONE-HALF TO CHAS. S. WESTCOTT, OF SAME PLACE.

CATCH FOR UMBRELLA-HANDLES.

SPECIFICATION forming part of Letters Patent No. 276,536, dated April 24, 1883.

Application filed May 29, 1882. (Model.)

To all whom it may concern:

Be it known that I, WALTER S. HOKE, a citizen of the United States, and a resident of Philadelphia, in the county of Philadelphia and State of Pennsylvania, have invented a new and valuable Improvement in Catches for Umbrella-Handles; and I do hereby declare that the following is a full, clear, and exact description of the construction and operation of the same, reference being had to the annexed drawings, making a part of this specification, and to the letters and figures of reference marked thereon.

Figure 1 of the drawings is a representation of a side view of my device. Fig. 2 is also a side view. Fig. 3 is a side view of the slide, and Fig. 4 is a sectional view of the same.

This invention has relation to umbrella-catches; and it consists in the construction and novel arrangement of a cylindrical catch or sleeve having an annular depression or groove around its middle portion formed with stop-shoulders, and at each end of said sleeve an angular or curved slot, the same to receive and engage a collar or ring having around the same the annular rib-bearing for the umbrella-braces, all as hereinafter more fully shown and described.

In the annexed drawings, the letter A indicates an umbrella stick or handle having the upper pin, a , and the lower pin, a' .

B designates a sleeve or cylinder catch designed to slide vertically upon the stick or handle A, and to have a limited circular movement to enable it to be operated. It is provided at each end with an L-shaped or curved slot, as indicated at b b' , to engage respectively the pins or stops a or a' of the stick when the umbrella-frame is raised or lowered. This sleeve B is provided with an annular groove, depression, or guide, b^3 , around its middle portion, which forms the seat for the collar or ring C. The collar or ring C is therefore arranged to permit the sleeve to turn easily in its bearings in either direction for a short distance, and remains stationary during this movement of the sleeve upon the stick, being steadied by the braces a'' , attached to the notched ribs, and connecting the same to the ribs a''' of the um-

rella-frame. The annular depression, seat, or guide b^3 is provided with the shoulders or stops b^2 , and the collar C is formed with shoulders or stops c' , which are separated by a greater interval than that between the stops b^2 . The sleeve is designed to have limited play in a circular direction back and forth with respect to the collar C, and its circular play is limited by the engagement of its stops or shoulders, respectively, with the stops or shoulders of the collar.

The object of the invention is to provide a catch for holding an umbrella in a raised or closed position, which will dispense with the slots and springs, which in the old form disfigure and weaken the stick. By this invention it is designed to enable the manufacturer to use a more slender and graceful stick, which will be strengthened and rendered durable by the bracing action of the sleeve-catch described.

A notched revolving ring for the ribs between two collars of the handle, and a revolving notched ring on the runner, between two collars on it, have been used prior to my invention, and a runner having bayonet-slots in its upper and lower end and provided with a revolving notched ring is also old, and I claim neither of these constructions broadly herein.

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

1. The sleeve B, having groove b^3 , formed with shoulders or stops b^2 , and provided with the angular or curved catches b and b' , one at each end thereof, in combination with an umbrella-stick having stops or pins a a' , and a brace-collar, C, substantially as specified.

2. The combination of the grooved sleeve B, having groove b^3 , shoulders b^2 , and slots b b' , with the shouldered collar C having notched rib c , substantially as described.

In testimony that I claim the above I have hereunto subscribed my name in the presence of two witnesses.

WALTER S. HOKE.

Witnesses:

ALLEN H. GANGEWER,
HARRY E. HOKE.