

G. Bockstaller.

Cane & Umbrella.

N^o 73074

Patented Jan. 7, 1868.

Fig. 1.

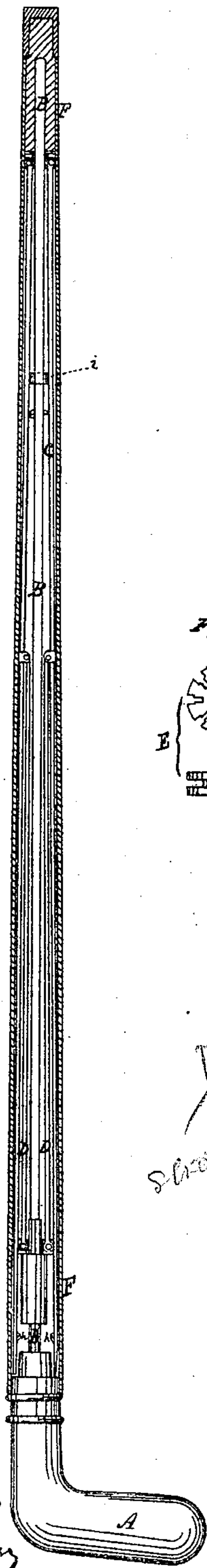


Fig. 2.

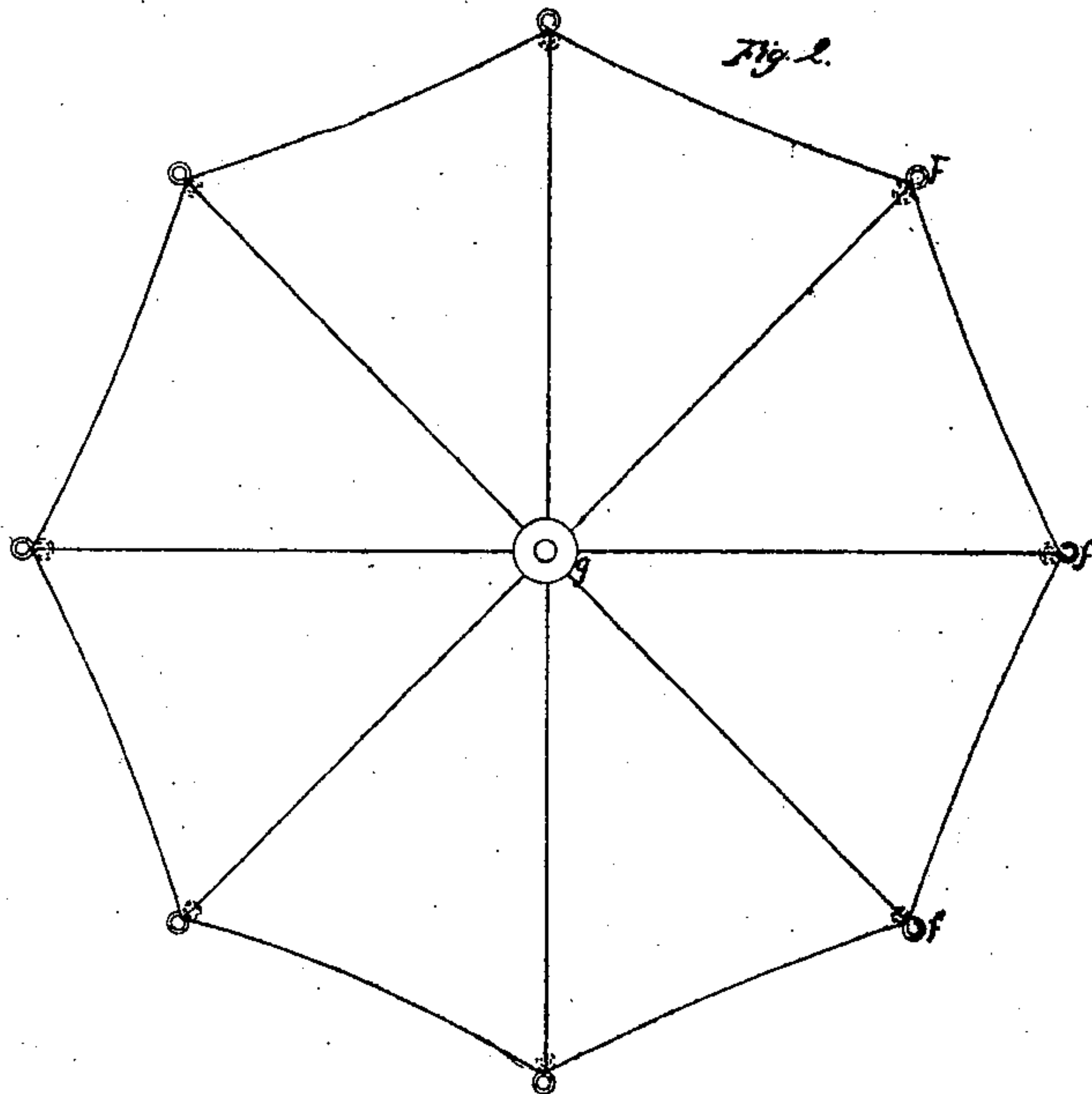


Fig. 3.

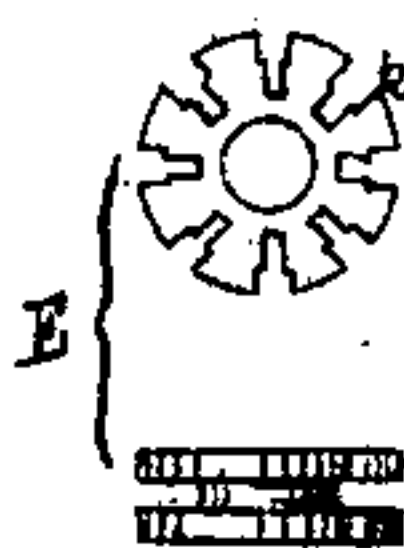


Fig. 4.

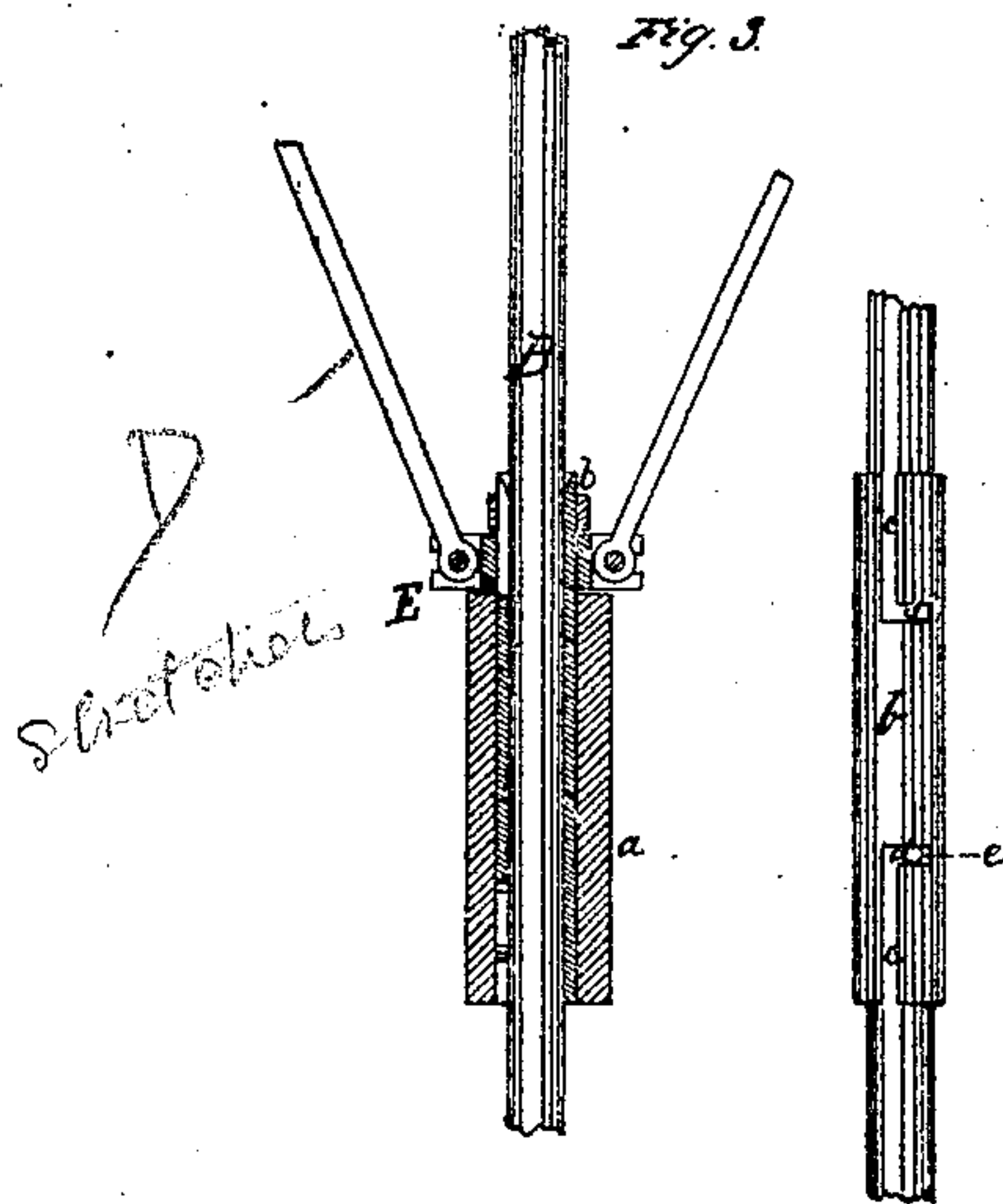


Fig. 5.



Witnesses.

Otto Gronau

Aug. Schimpf

Inventor.

Georg Bockstaller

United States Patent Office.

GEORG BOCKSTALLER, OF NEW YORK, N. Y., ASSIGNOR TO LEWIS SCHNEIDER AND W. W. McKAY.

Letters Patent No. 73,074, dated January 7, 1868; patented in Bavaria, July 17, 1862.

IMPROVEMENT IN CANE AND UMBRELLA COMBINED.

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, GEORG BOCKSTALLER, of No. 251 Eleventh street, in the city, county, and State of New York, have invented a new and useful Improvement in Combined Cane and Umbrella; and I do hereby declare that the following is a full, clear, and exact description thereof, which will enable others skilled in the art to make and use the same, reference being had to the accompanying drawings, in which—

Figure 1 represents a longitudinal central section of my invention, when folded.

Figure 2 is a plan view, in reduced scale, of the cover, detached and displayed.

Figure 3 is a detailed section of the fastener, in a larger scale.

Figure 4 is a detached view of the slotted tube, to be soldered to and forming the inner part of the fastener.

Figure 5, plan and side view of the disk that carries the ribs and braces of the frame.

Similar letters of reference indicate like parts.

This invention relates to a combined cane and umbrella, so arranged that the umbrella-cover can be detached and put on at discretion, and when detached, the frame can be folded up in a very small compass, and inserted in a suitable case or sheath, of no more thickness than that of an ordinary walking-cane.

The invention consists in providing the cover with eyes or loops at each corner, which eyes, when made to catch over the ends of the ribs, retain the cover firmly on the frame; further, in making the stick of the umbrella of a solid spring-tempered cast-steel rod, as thin as safety allows, and provided with little keys, which catch in cavities in the fastener, and lock the umbrella when closed or opened; the whole to be enclosed in a sheath of rubber, leather, or any other suitable material, so as to form, when folded, a walking-cane of no more than ordinary size, the stick and frame of the umbrella giving firmness to the cane.

On the handle A, made of any suitable shape and material, is secured a solid cast-steel rod, B, as thin as safety allows, and to which are secured the ribs C and braces D, in the manner common with ordinary umbrellas. Through the fastener *a*, and secured thereto, extends the tube *b*, provided with a collar, soldered thereto on top of the disk E, so as to form a swivel that turns freely on B, inside the disk, but carries the latter with it when moved longitudinally. The tube *b* is provided with longitudinal slots, *c*, one in each end, which slots are cut segmentally at *d*.

In order to close or open the umbrella, the fastener is moved in such position that the key *e* passes through the slot *c*, and by a twisting motion of the hand, is brought through the circular slot *d*, and retains the umbrella in position. Thus is obtained a fastening for umbrellas which is easily operated, and not weakening to the stick.

The cover is provided with a central plate, *g*, having a hole that fits over the end of the stick B, and eyes *f*, that fit over the ends of the ribs C, where they are kept in position by the little projections *h*. When detached, the cover can be folded up in a very small compass, convenient for the pocket, and the frame enclosed in the sheath F, giving the whole the size and convenience of an ordinary walking-cane.

When my invention is used as an umbrella, the sheath F, being made of suitable material, can be folded up and carried in the pocket. The solid collar *i* serves to support the ribs C, in order to prevent them from bending inward, and thus gives firmness to the cane. The little recesses *k*, in the disk E, serve to receive the edges of the ribs C, which ribs are curved, to fit over the braces D, in the slots of the disk E, when used as a cane.

Having thus described my invention, I claim as new, and desire to secure by Letters Patent—

The combination of the cover, detachable from the stretchers, and from the stick and the sheath F, arranged to take the place of the cover, and to give to the umbrella the appearance of a walking-stick, all as set forth.

The above specification of my invention signed by me, this day of October, 1866.

GEORG BOCKSTALLER.

Witnesses:

OTTO GROUT,

AUG. SCHEIPLER.