

# C. Becker, Umbrella.

No. 99,810.

Patented Feb. 15, 1870.

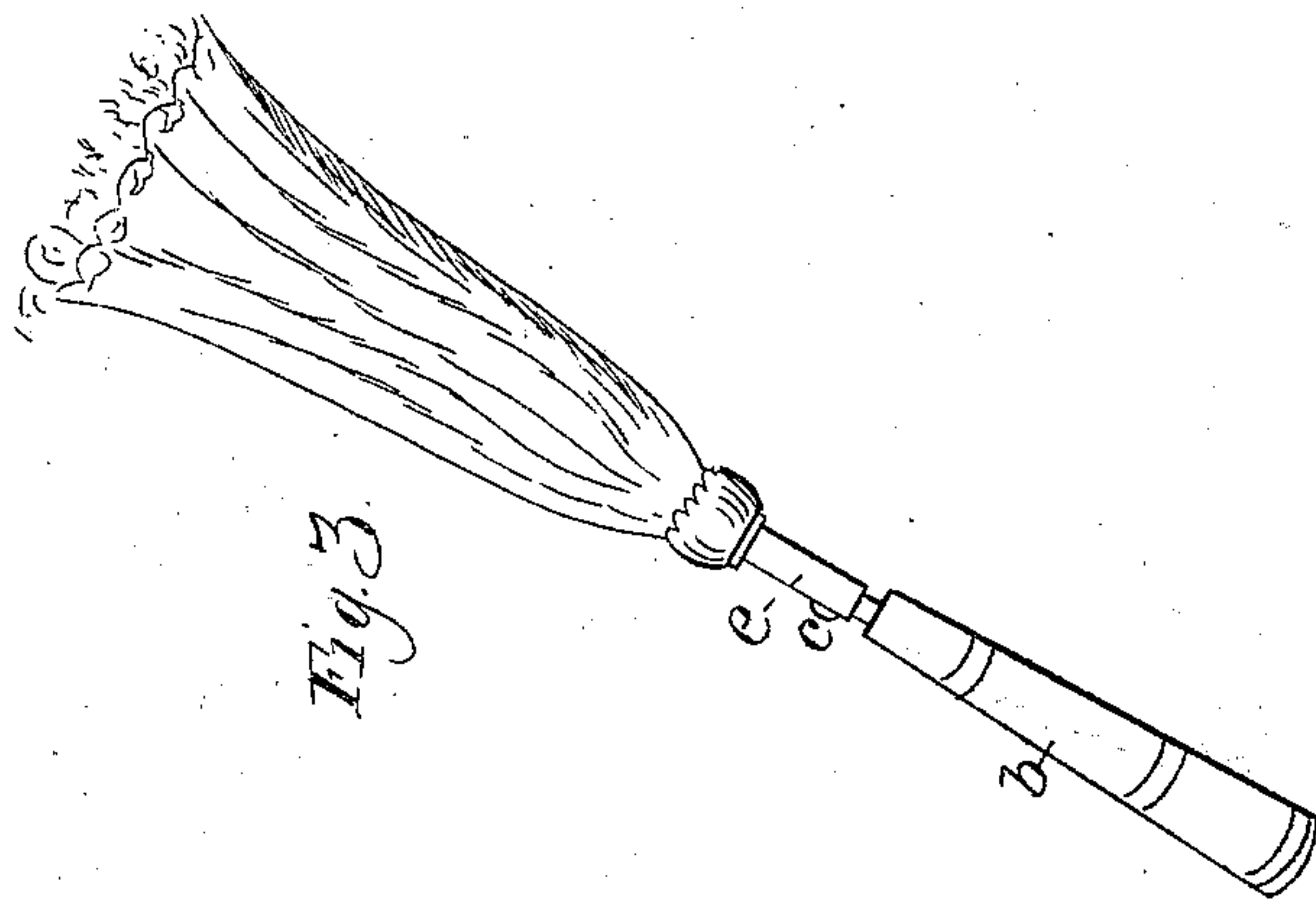


Fig. 3.

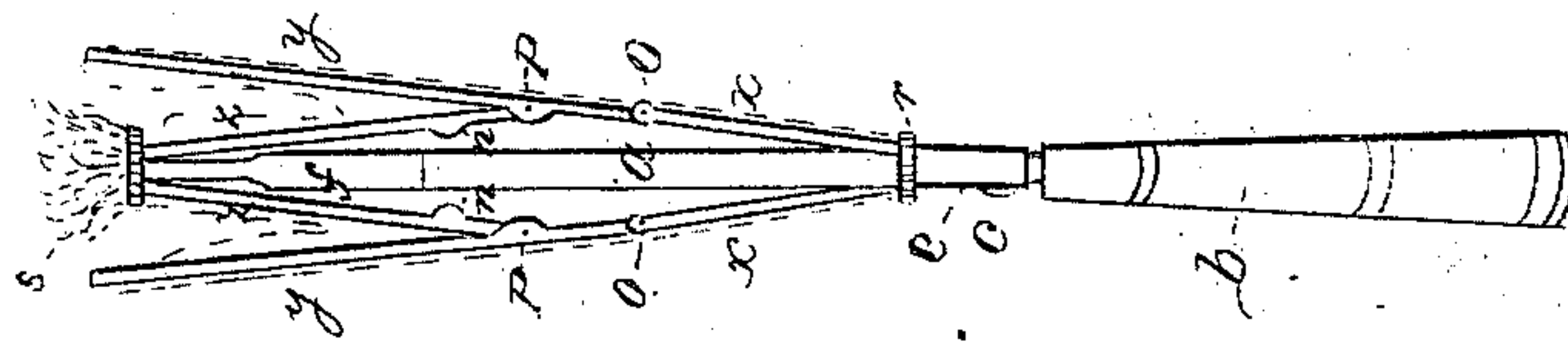


Fig. 2.

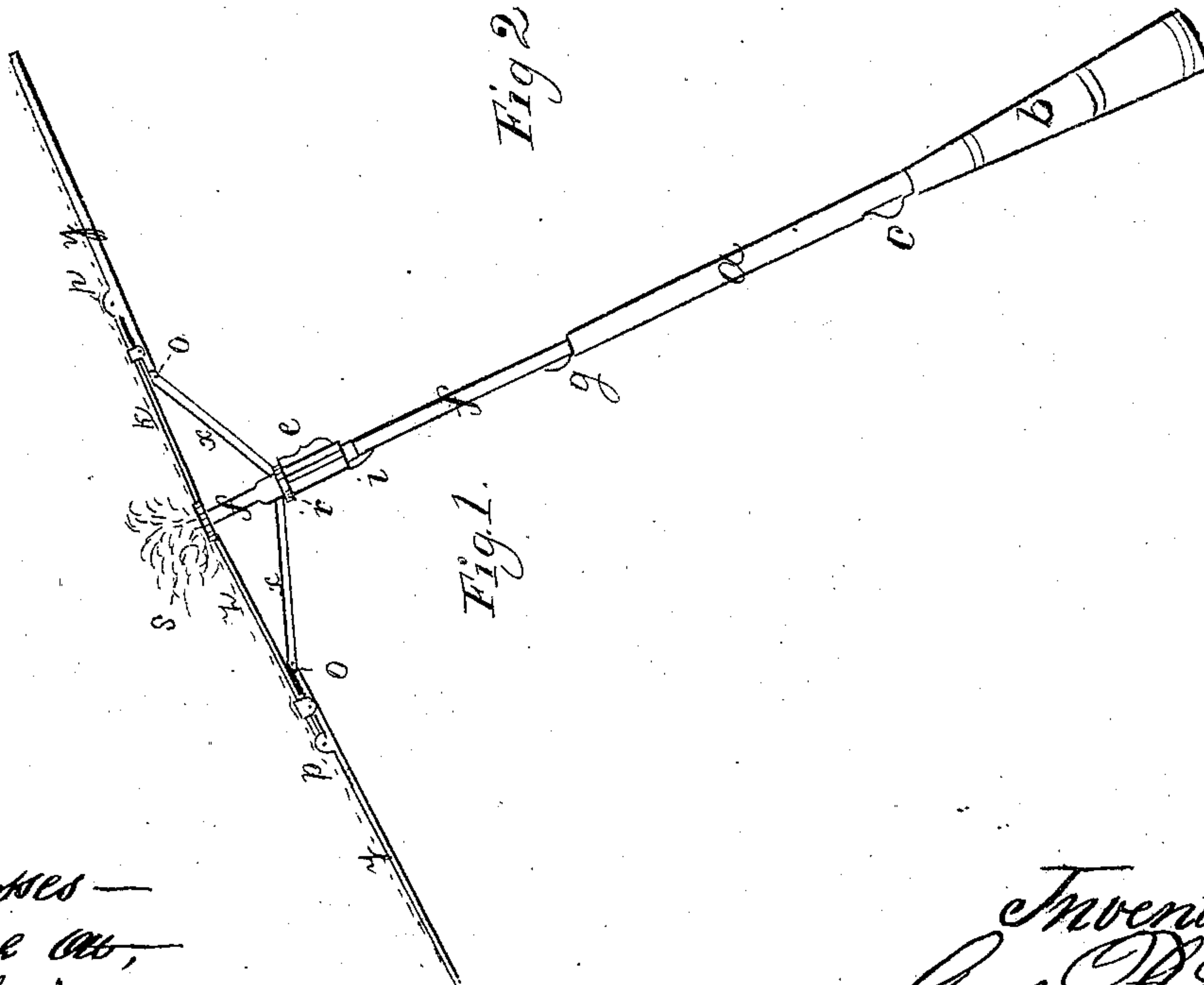


Fig. 1.

Witnesses—  
Adolph Ott,  
Fr. Mueller.

Inventor,  
Charles Becker

# United States Patent Office.

CHARLES BECKER, OF NEW YORK, N. Y.

Letters Patent No. 99,816, dated February 15, 1870.

## 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, CHARLES BECKER, of New York, in the county of New York, and State of New York, have invented a new and useful Improvement on a Parasol or Sun-Shade; 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, in which—

Figure 1 represents a sectional view of the open parasol or sun-shade.

Figure 2, a similar view of it when closed.

Figure 3, an ordinary drawing when closed.

Each part is distinguished by the same letter in the several drawings.

In order to enable others skilled in the art fully and readily to understand and use my invention, I will proceed to describe its construction and operation.

*a* is a tube fastened to handle *b*. It is provided with a trigger-spring, *c*.

*f* is a rod, which is made to slide in part in tube *a*, and is capable of forming an extension of it. The same is also provided with a trigger-spring, *g*, so that it may be lodged and dislodged.

The trigger-spring *i*, adjusted to rod *f*, serves to hold the movable fastening *e*, so that the parasol may be opened out.

Tube *a* fits into *e*, so that the position of the latter may be altered accordingly.

Figs. 2 and 3 show the position of the cylindrical fastening when the sun-shade is closed.

Trigger-spring *c* serves to catch the fastening *e*, in

order that the parasol may be closed whenever desired.

*r* and *s* are metallic rings; they are provided with hinges, which serve to hold the stretchers or ribs *x x* and *z z* of the device.

*s* is fastened to end of rod *f*, while *r* forms a part of the movable fastening *e*.

The extension ribs *y y y*, &c., hinge at the point *o* at the ends of stretchers *x x*, and at *p* at the ends of ribs *z*.

*n n* (*vide* fig. 2) are devised for keeping ribs *y y* firmly when the frame is extended.

With regard to the operation of the apparatus, it may be readily understood. When it is intended to open the parasol spring *c* is pushed down, while fastening *e* is pushed forward till the frame is perfectly extended. In this position the ribs *z z* will nearly form a right angle with rod *f* respectively with tube *a* of the device, while the part where rib *x* hinges at rib *y* will touch *z*. In closing, trigger *i* is pushed down and fastening *e* drawn toward the handle, while the latter is held steadily.

When *e* is held by spring *c* the frame assumes the position as shown in fig. 2.

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

The peculiar combination of the jointed ribs or stretchers *x x*, *y y*, and *z z*, substantially as and for the purpose specified.

Witnesses:

CHARLES BECKER.

ADOLPH OTT,  
FR. MUELLER.