

O. Brück.
Fan.

Nº 94390.

Patented Aug. 31. 1869

Fig. 1.

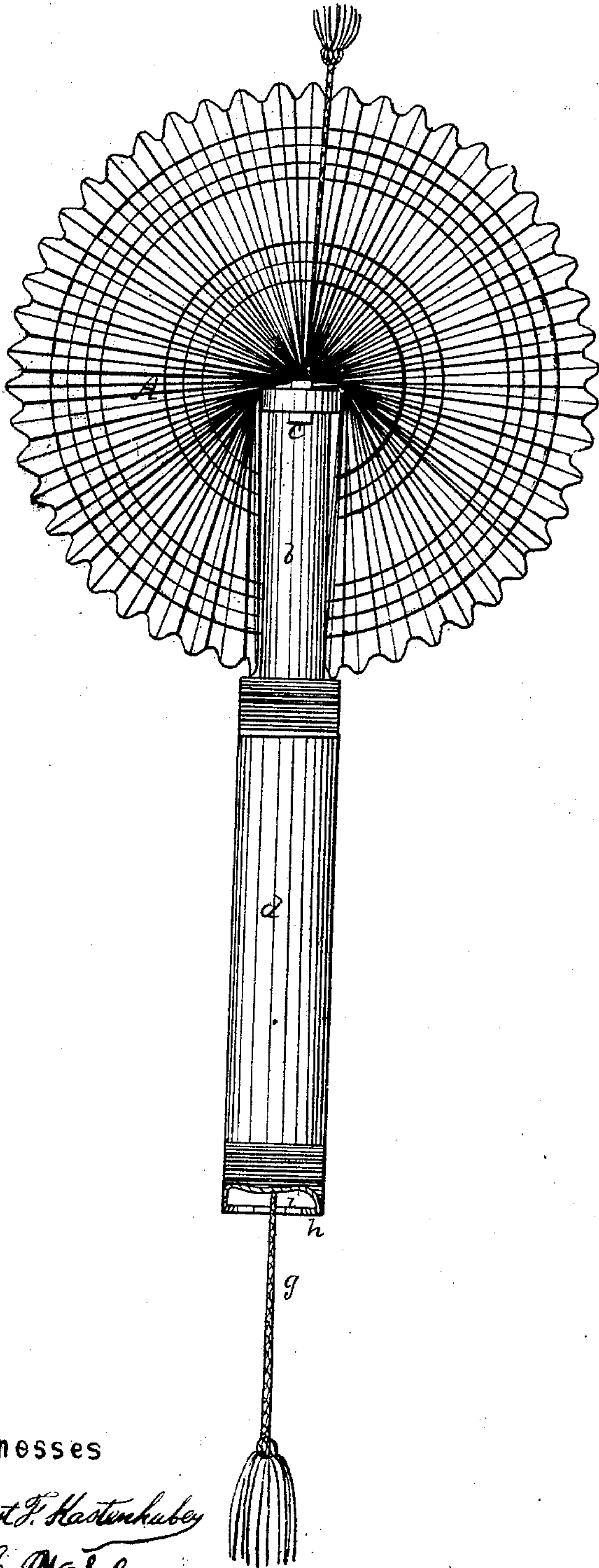
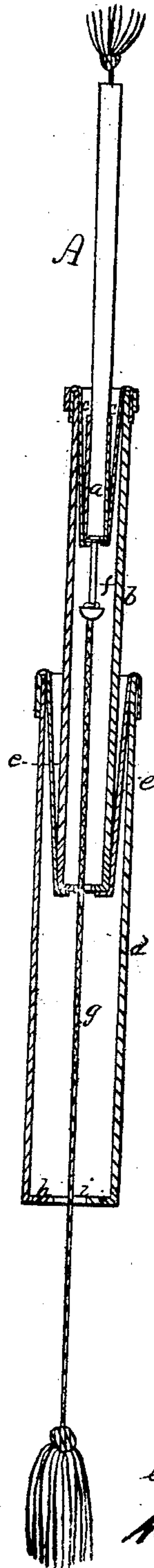


Fig. 2.



Witnesses

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OTTO BRÜCK, OF NEW YORK, N. Y.

Letters Patent No. 94,390, dated August 31, 1869.

IMPROVEMENT IN FANS.

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, OTTO BRÜCK, of the city, county, and State of New York, have invented a new and useful Improvement in Fans; and I do hereby declare the following to be a full, clear, and exact description thereof, which will enable those skilled in the art to make and use the same, reference being had to the accompanying drawing, forming part of this specification, in which drawing—

Figure 1 represents a front view of this invention.

Figure 2 is a longitudinal section of the same.

Similar letters indicate corresponding parts.

This invention relates to an improvement on a telescopic fan, for which Letters Patent have been granted to me, November 19, 1867.

In this patent, I have described a fan, which is drawn out of its tubular case by means of a string.

My present improvement consists in combining with the tubular telescopic case of my fan, two springs and a catch, in such a manner that when the fan is drawn into its case, it can be locked and retained by the catch, but as soon as the catch is released, the fan flies out spontaneously.

A represents my fan, which is constructed of muslin, silk, or other suitable textile or flexible fabric or material, so that it will readily fold up or expand, as may be desired.

The inner, or but-end of the fan, is gathered up into a head, *a*, which is placed into the inner tube *b*, being connected to the same by one or more springs *c*, of India rubber, or any other suitable material.

The tube *b* slides in and out in the outer tube or handle *d*, and it is connected to the same by one or more springs, *e*, of India rubber, or any other suitable material.

The outer ends of the fan are connected to the tube *d*, as shown in fig. 1.

To the head *a* of the fan are secured a button, *f*, and

a cord, *g*, or, instead of the button, a simple knot in the cord *g* may be used, as will be presently explained.

The bottom end of the outer tube or handle *d* is closed by a head, *h*, which is provided with a pear-shaped slot, *i*, the large portion of which is of such a diameter that it allows the button or knot *f* to pass freely, while its small portion is too narrow to allow said button or knot to pass.

If the fan is free to follow the action of the springs *c e*, it assumes the position shown in the drawing, the head of the fan being carried up to the outer end of the tube *b*, as far as the connections between said fan and the tube *d* will allow, and the tube *b* being drawn out of the tube *d* until arrested by the connection of the fan with said outer tube.

By pulling the cord *g*, the fan is drawn into the inner tube *b*, and the inner tube recedes into the outer tube, and in this position it can be locked by causing the button or knot *f* to catch in the narrow part of the slot *i*; but as soon as the button is released from said narrow part, the fan flies out spontaneously and reassumes the position shown in the drawing.

It is obvious that the button *f* and slot *i* may be replaced by any suitable catch capable of retaining the fan when it is drawn in.

I disclaim everything shown and described in my patent of November 19, 1867; but having thus described my invention,

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

The combination of springs *c e* with the tubes *b d* and fan *A*, and with a catch capable of retaining the fan when drawn in, substantially as set forth.

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Witnesses:

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