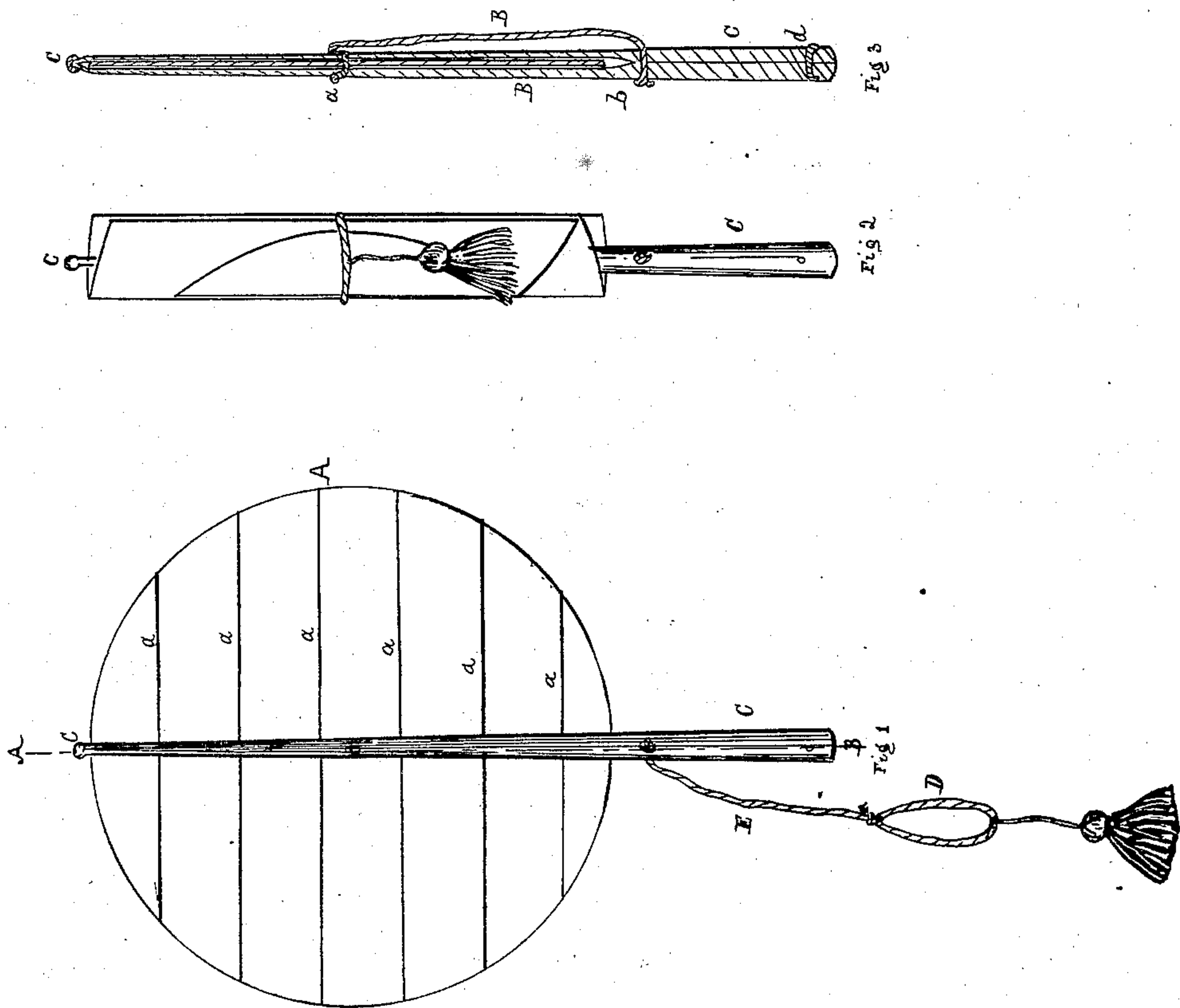


L. Hill,
Fan.

No. 64,013.

Patented April 23, 1867.



WITNESSES

W. D. Smith.
D. L. Meiler

INVENTOR *Lucian Hill*

By his Attorney

Thos. H. Dodge

United States Patent Office.

LUCIAN HILL, OF NORTH BROOKFIELD, MASSACHUSETTS.

Letters Patent No. 64,013, dated April 23, 1867.

IMPROVEMENT IN FANS.

The Schedule referred to in these Letters Patent and making part of the same.

KNOW ALL MEN BY THESE PRESENTS:

That I, LUCIAN HILL, of North Brookfield, in the county of Worcester, and Commonwealth of Massachusetts, have invented certain new and useful Improvements in Fans; and I do hereby declare that the following is a full, clear, and exact description of the same, reference being had to the accompanying drawings, forming a part of this specification, in which—

Figure 1 represents the fan spread for use.

Figure 2 represents it closed; and

Figure 3 represents a longitudinal central section on line A B, fig. 1.

To enable those skilled in the art to which my invention belongs to make and use the same, I will proceed to describe its construction and operation.

In the drawings, the part marked A represents the fan part, which may be made of paper or of any other suitable material. In this instance, the fan part A is made in circular form and pivoted at *a*, between the branches B B of the handle C. The fan part A is creased, as shown at *a a a*, so that it can be folded up after it has been turned a quarter way around, as shown in fig. 2, one-half of the fan part A being folded upon each side of the branches of the handle C, as clearly indicated in the drawings. After the fan part A has been folded up, the elastic loop D, formed from the elastic cord E, is slipped over the fan, as shown in fig. 2. When the fan has thus been folded up and clasped, it can be carried about very conveniently. When wanted for use, the clasp or loop D is slipped off, and the part A spread out and turned a quarter way around, as shown in fig. 1, when it is ready for use, the branches B B keeping the fan extended, the folds *a* being, when in this position, between and at right angles to the branches B B, as fully shown in the drawings. The branches B B are cut or curved out as shown at *b*, so as not to bind upon the edge of the fan when it is turned upon its pivot *a*. The branches B B of the handle C are united or connected at their points, as shown at *c*. They are also fastened at their other ends by a rivet, *d*. The construction of my fan is such that it can be made very quickly, and yet be quite neat and highly finished.

Having described my improved fan, what I claim as new and of my invention, and desire to secure by Letters Patent, is—

1. A folding fan pivoted in the centre, and operating as described.
2. The combination of the fan part A with the branches B B of the handle C, substantially as set forth.
3. The combination, with the fan part A and handle C, of the loop or clasp D, substantially as and for the purposes set forth.
4. Making the handle C from two pieces, B B, united at both ends, as described, and cut or curved out to receive the fan part A, as shown and described.

LUCIAN HILL.

Witnesses:

G. E. GILMORE,

J. EVARTS GREENE.