

N. Harper,  
Fan.

No. 58250.

Patented. Sep. 25. 1866.

Fig. 1.

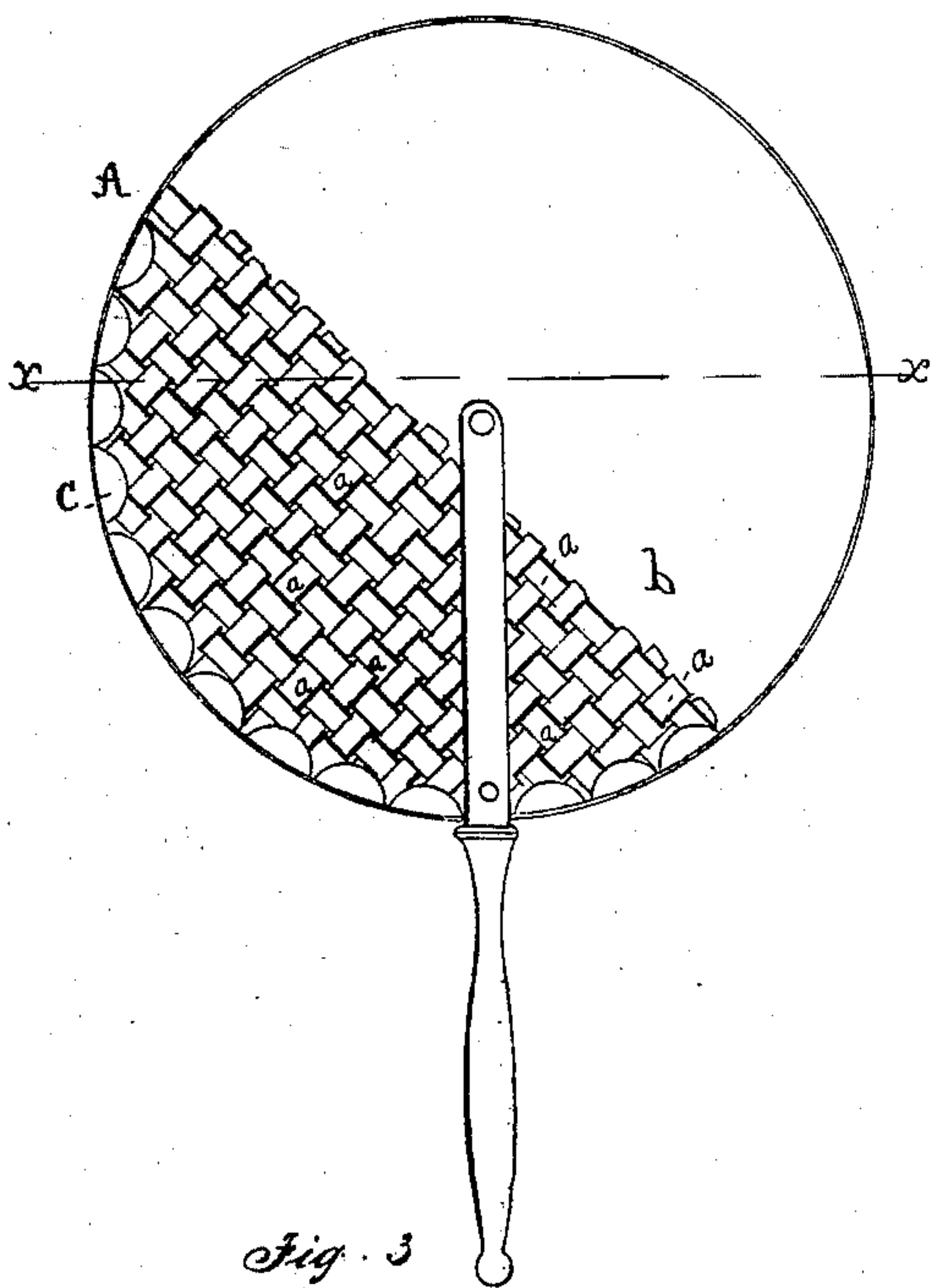


Fig. 3

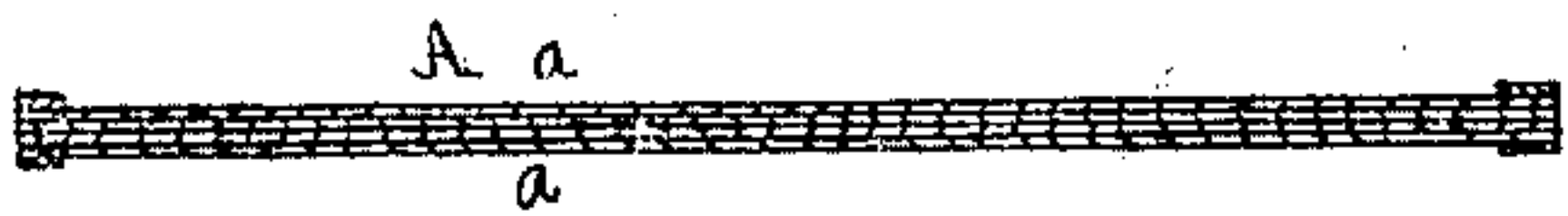


Fig. 2.

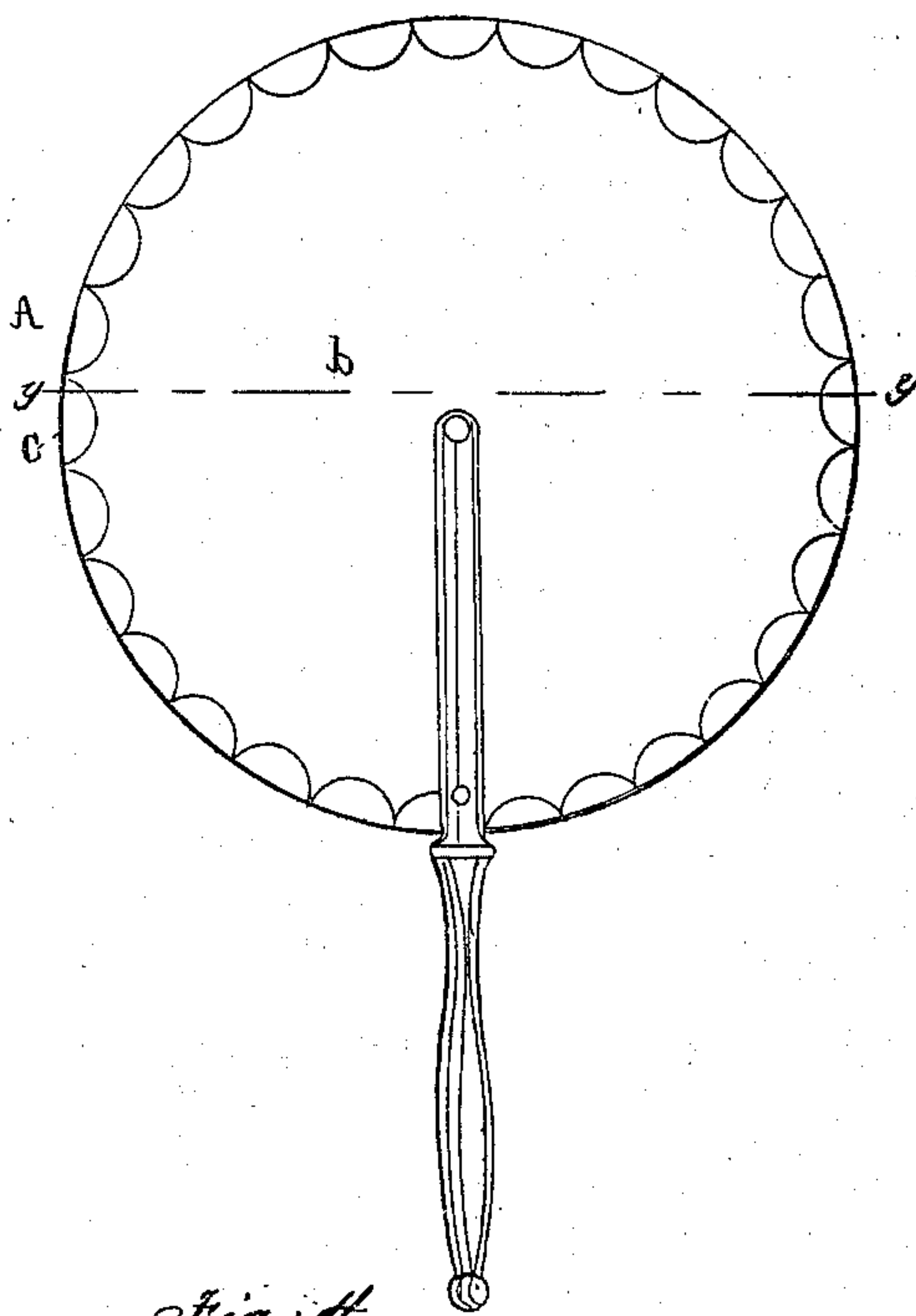
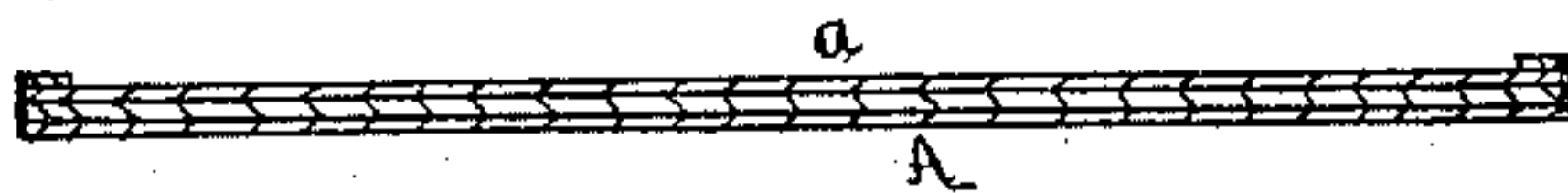


Fig. 4.



Witnesses.

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NATHAN HARPER, OF NEWARK, NEW JERSEY.

## IMPROVEMENT IN FANS.

Specification forming part of Letters Patent No. 58,250, dated September 25, 1866.

*To all whom it may concern:*

Be it known that I, NATHAN HARPER, of Newark, in the county of Essex and State of New Jersey, have invented a new and useful Improvement in Fans; 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.

The present invention consists in combining with a fan made of a series of strips of willow braided, woven, or interlocked together, sheets of paper, pasteboard, card-board, or other material suitable for having indicated upon it by type, plate, or lithographic printing, or in any proper manner, any desired business, commercial, or other advertisement, whereby a fan is secured possessing all the beauty and neatness of the ordinary willow fan, and at the same time an advertising-fan combined with it, the paper serving to strengthen, support, and stiffen the willow, and thus rendering it much more firm and durable and greatly increasing its utility.

In the accompanying plate of drawings my improvements in fans are illustrated, Figure 1 being a front view of one side of a fan made according thereto with a portion of the paper covering broken out; Fig. 2, a similar view to Fig. 1, but with the paper covering entire; Fig. 3, a transverse section taken in the plane of the line *x x*, Fig. 1; Fig. 4, a similar section to Fig. 3, but taken in the plane of the line *y y*, Fig. 2.

Similar letters of reference indicate like parts.

A in the drawings represents the body of the fan, which, in the present invention, is composed of a series of willow strips, *a a*, braided, interlocked, or woven together in a flat shape, and a sheet, *b*, of paper, pasteboard, card-board, or any other material suitable for being printed upon, which paper sheet is secured to the outside of the willow, entirely

covering one side or surface of the same by means of paste or glue, or other suitable adhesive material, after which a band or binding, *c*, of cloth, paper, or other proper material is placed around the edge of the two for protecting the same.

By thus combining with an ordinary willow fan a sheet of paper, card-board, or other material suitable for being printed upon, as above explained, it is plainly apparent that while all the beauty and neatness of an ordinary willow fan are retained, it is also made serviceable as a means of advertising, or, in other words, an advertising-fan, the willow being also greatly strengthened, stiffened, and rendered quite firm and durable.

In addition to using a paper or other covering similar thereto for the braided willow, if such paper upon its surface in contact with the willow is tinted, it is obvious that much beauty is imparted to the willow surface, as by so tinting the paper, a contrast can be produced between the willow strips and the paper; and, furthermore, in lieu of applying the paper or other similar sheet to the exterior of the willow, they may be placed in and between two layers of willow, one upon each side, the use of paper in this manner also imparting great strength and stiffness to the willow of which the fan is composed, as well as greatly enhancing the beauty of the willow if suitable tinted paper is used.

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

A fan constructed of wood, as described, and re-enforced by paper or cloth, substantially as and for the purpose specified.

The above specification of my invention signed by me this 9th day of April, 1866.

NATHAN HARPER.

Witnesses:

WM. F. McNAMARA,  
ALEX. F. ROBERTS.