

(No Model.)

J. C. ST. JOHN.

FAN.

No. 255,549.

Patented Mar. 28, 1882.

Fig. 1.

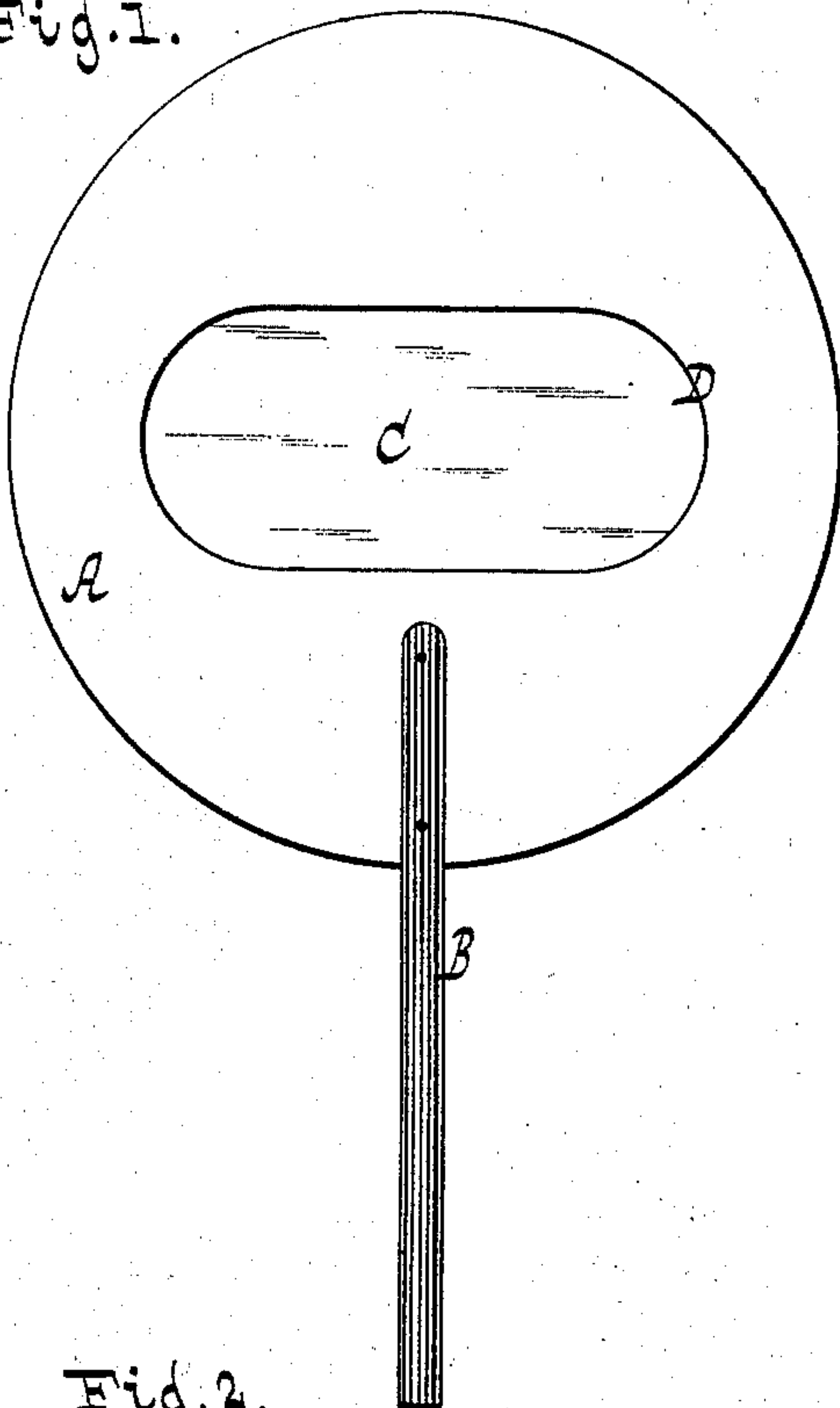


Fig. 2.

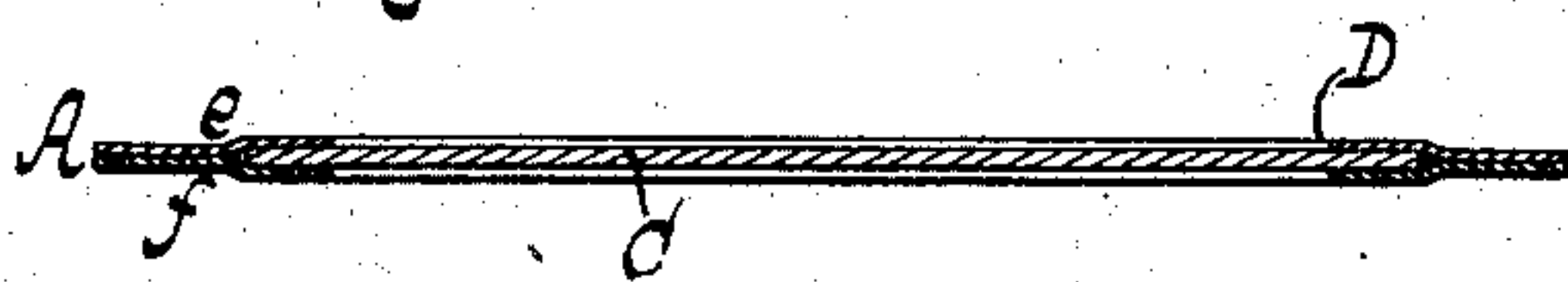


Fig. 3.

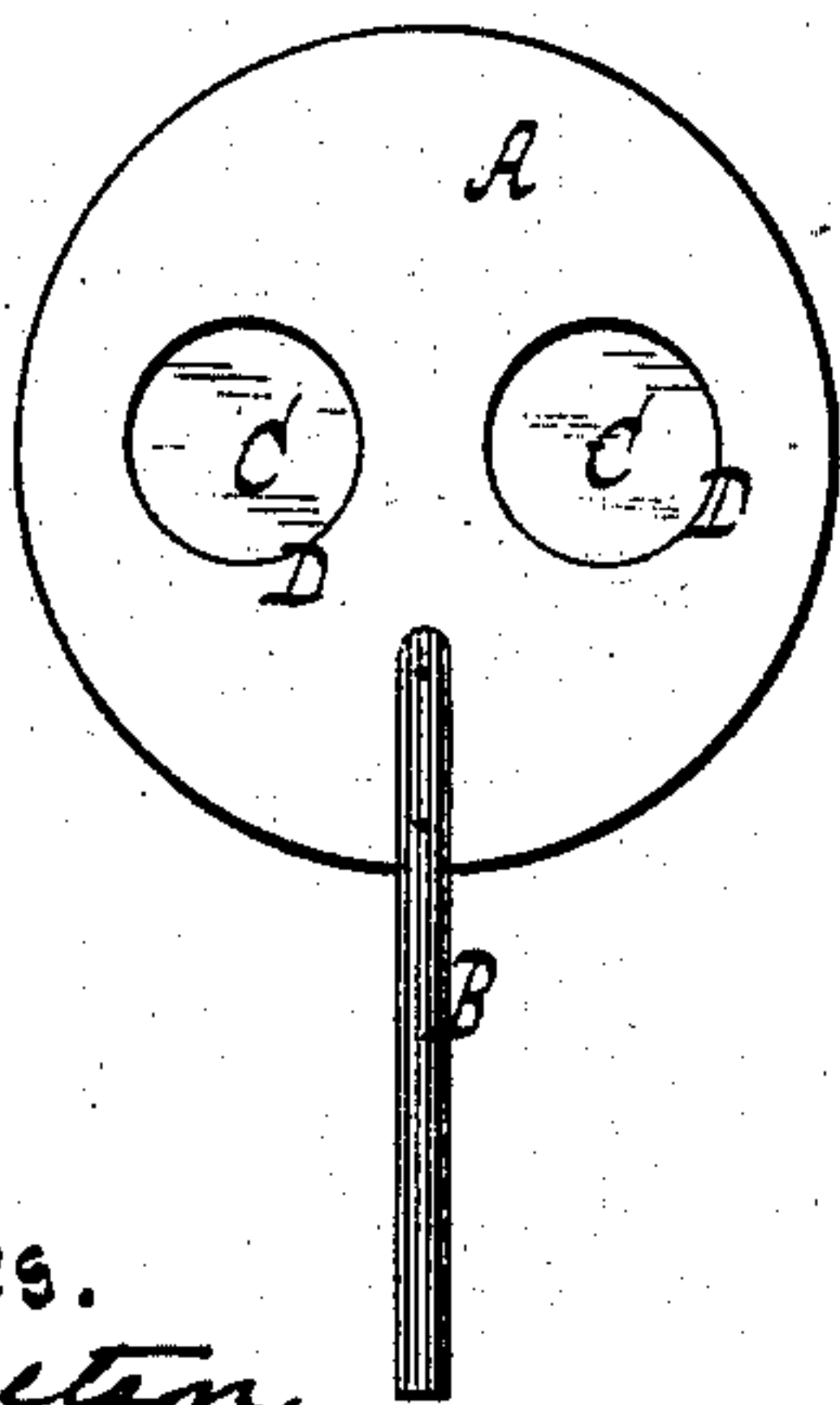
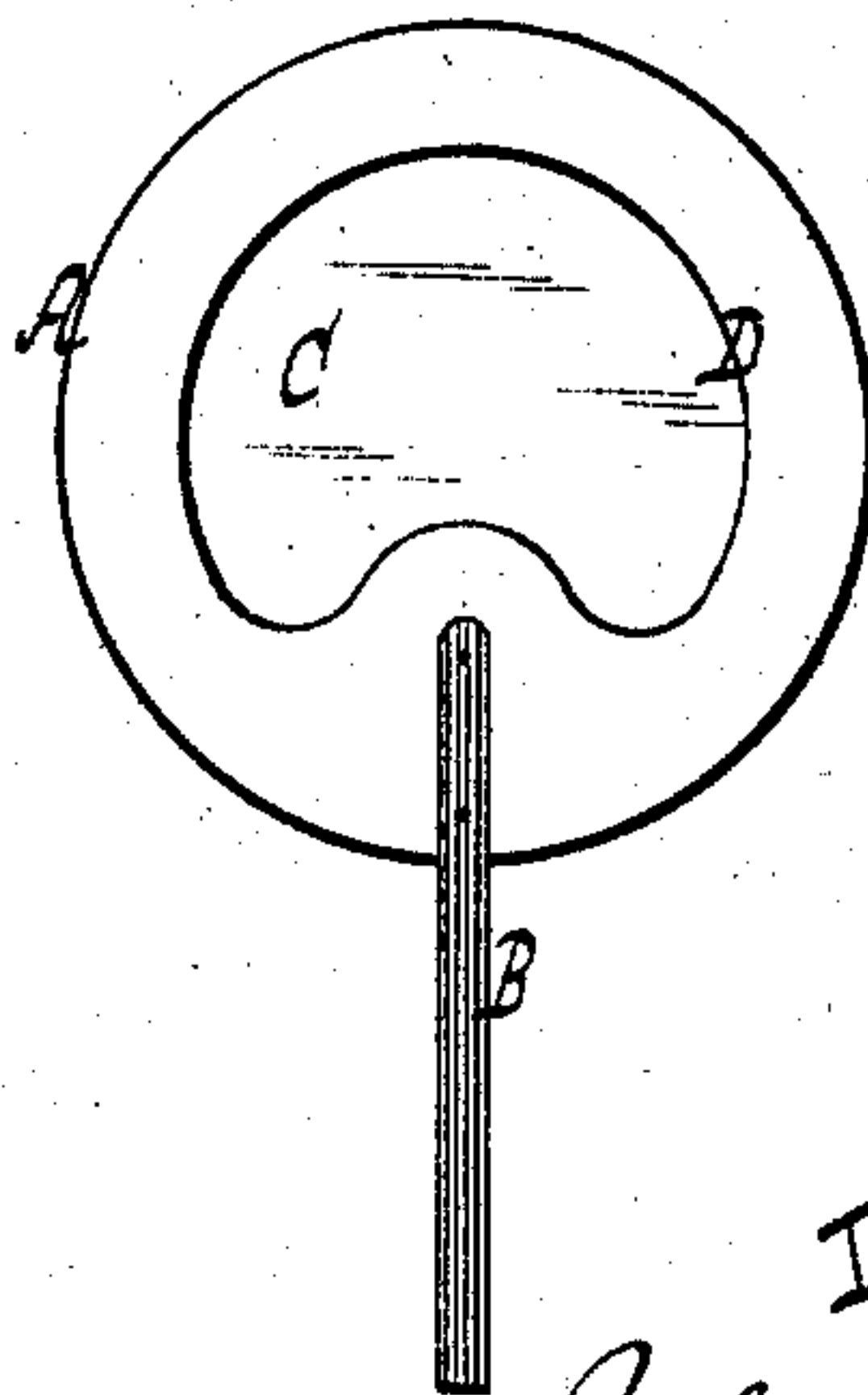


Fig. 4.



Witnesses.
Edgar Garretson
J. L. Smith.

Inventor.
John C. St John,
by Francis C. Bowen,
Attorney.

UNITED STATES PATENT OFFICE.

JOHN C. ST. JOHN, OF NEW YORK, N. Y.

FAN.

SPECIFICATION forming part of Letters Patent No. 255,549, dated March 28, 1882.

Application filed July 11, 1881. (No model.)

To all whom it may concern:

Be it known that I, JOHN C. ST. JOHN, of New York, in the county of New York and State of New York, 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 invention, that will enable others skilled in the art to which it appertains to make and use the same, reference being had to the accompanying drawings, and to the letters of reference marked thereon, which form a part of this specification.

The object of this invention is to produce a fan adapted to be used as a screen to the face, and especially the eyes, without obstructing the sight; and to this end it consists in making the body of the fan transparent, the transparency being composed of mica or other suitable material, and being preferably stained while it is inserted in an opening or openings in the fan-body between two united layers of paper or other similar opaque material composing the body.

This invention is illustrated in the accompanying drawings, in which Figure 1 represents a side view. Fig. 2 is a cross-section. Figs. 3 and 4 illustrate modifications in the shape of the transparency.

Similar letters of reference indicate corresponding parts.

The letter A designates the body of the fan, having the usual handle, B, projecting therefrom. C is the transparency, and D the opening or openings containing the transparency.

The fan-body A is rigid in contradistinction to being made to fold, and it has a circular shape or outline; but it can also be made of a variety of other well-known shapes.

The opening or openings D are formed in the center or any other suitable portion of the fan-body A, and shape, size, or arrangement thereof such as to accommodate both eyes. In the example shown in Figs. 1, 2, and 4 a single opening is used, while in Fig. 3 two openings are shown side by side with each other.

The inserted transparency C is composed of mica, glass, or other suitable material, and it is stained blue or to any other desired color when the fan is intended for outdoor use, in order to protect the eyes from the sun.

In carrying out my invention I take two

layers of paper or paper-board, *e f*, Fig. 2, cut to the shape of the fan-body A, with the opening or openings D, and, having cut the transparency C approximately to the shape of the opening or openings and to the required increased dimensions for its insertion therein, I unite the whole in an appropriate manner by a suitable adhesive substance. I then attach the handle B to the fan-body in the usual manner, when the article is ready for use. If desired, however, the entire fan-body A can be made of mica or other transparent material, instead of being provided with the inserted transparency.

It will be readily understood that by making the fan-body A transparent the article is practically adapted to the purpose of a screen, inasmuch as it allows an unobstructed vision, and hence the utility of the fan is greatly increased, while the application of the transparency at the same time does not materially increase the cost of the article, if at all.

I am aware that a fan has heretofore been provided with a perforated card center piece, and such forms no part of my invention. This center piece is not an effective screen, neither does it allow an unobstructed vision, and it also affects the utility of the fan because allowing the passage of air.

I am also aware that provision has been made for the insertion of an eye glass or glasses in the body of a fan; but I am not aware that a fan has ever been entirely finished with a permanently attached transparency.

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

A fan the body of which is constructed of two united layers of paper or other similar opaque material, and with an opening or openings, having inserted therein between said two layers a sheet or piece of mica or other transparent material, substantially as and for the purpose described.

In testimony that I claim the foregoing I have hereunto set my hand this 9th day of July, 1881.

JOHN C. ST. JOHN.

Witnesses:

FRANCIS C. BOWEN,
EDGAR GARRETSON.