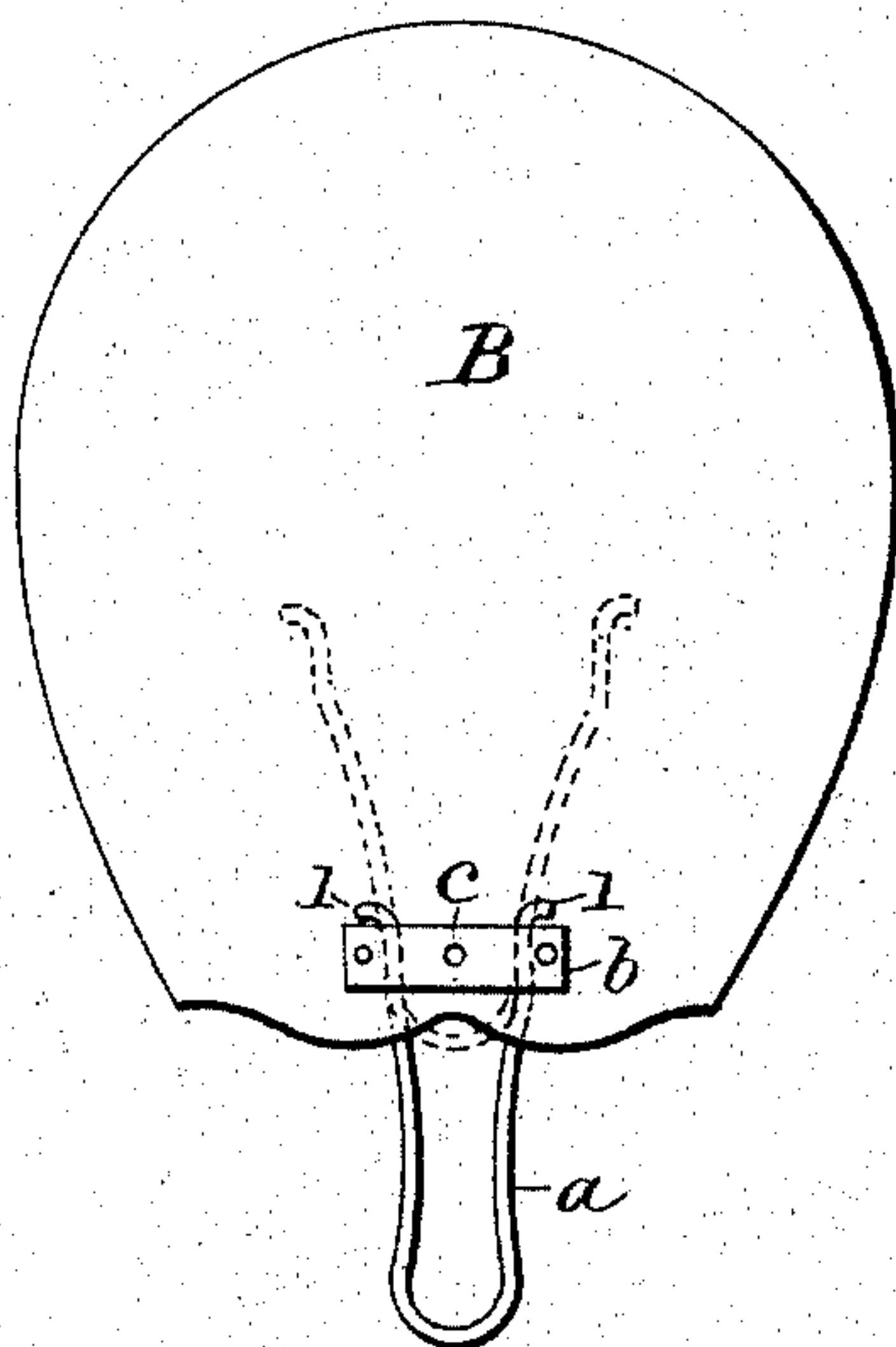


(No Model.)

E. S. GRAUEL.
FAN.

No. 527,423.

Patented Oct. 16, 1894.



Witnesses:

Henry H. Aring
Edgar S. Wilder

Inventor:

Edwin S. Grauel

UNITED STATES PATENT OFFICE.

EDWIN S. GRAUEL, OF CLEVELAND, OHIO.

FAN.

SPECIFICATION forming part of Letters Patent No. 527,423, dated October 16, 1894.

Application filed October 19, 1893. Serial No. 488,654. (No model.)

To all whom it may concern:

Be it known that I, EDWIN S. GRAUEL, a citizen of the United States, residing at Cleveland, in the county of Cuyahoga and State of Ohio, have invented a new and useful Improvement in Fans, of which the following is a specification.

My invention relates to fans, and the objects of my invention are to provide an adjustable handle, and a suitable device for attaching the same to the fan readily and at little cost.

My invention is illustrated in the accompanying drawing.

15 The fan B has a movable handle *a*, which is made of suitable material, preferably wire, bent into the form shown in the drawing.

20 The handle *a* is held to the fan B by means of a clamp *b*, which is attached to the fan by any suitable means.

A stop *c* in the clamp prevents the handle *a* from being pushed in beyond the clamp, and the ends of the handle, *l, l*, are bent outwardly sufficiently to prevent the handle from being withdrawn from the clamp, when the 25 handle is in use.

The dotted lines in the drawing show the position of the handle when the same is pushed in upon the face of the fan.

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

In a fan, in combination, the adjustable handle *a*, having outwardly bent ends *l, l*, the clamp *b*, and the stop *c*, substantially as and for the purposes described.

EDWIN S. GRAUEL.

Witnesses:

E. E. BROOKE,
J. E. ENSIGN.