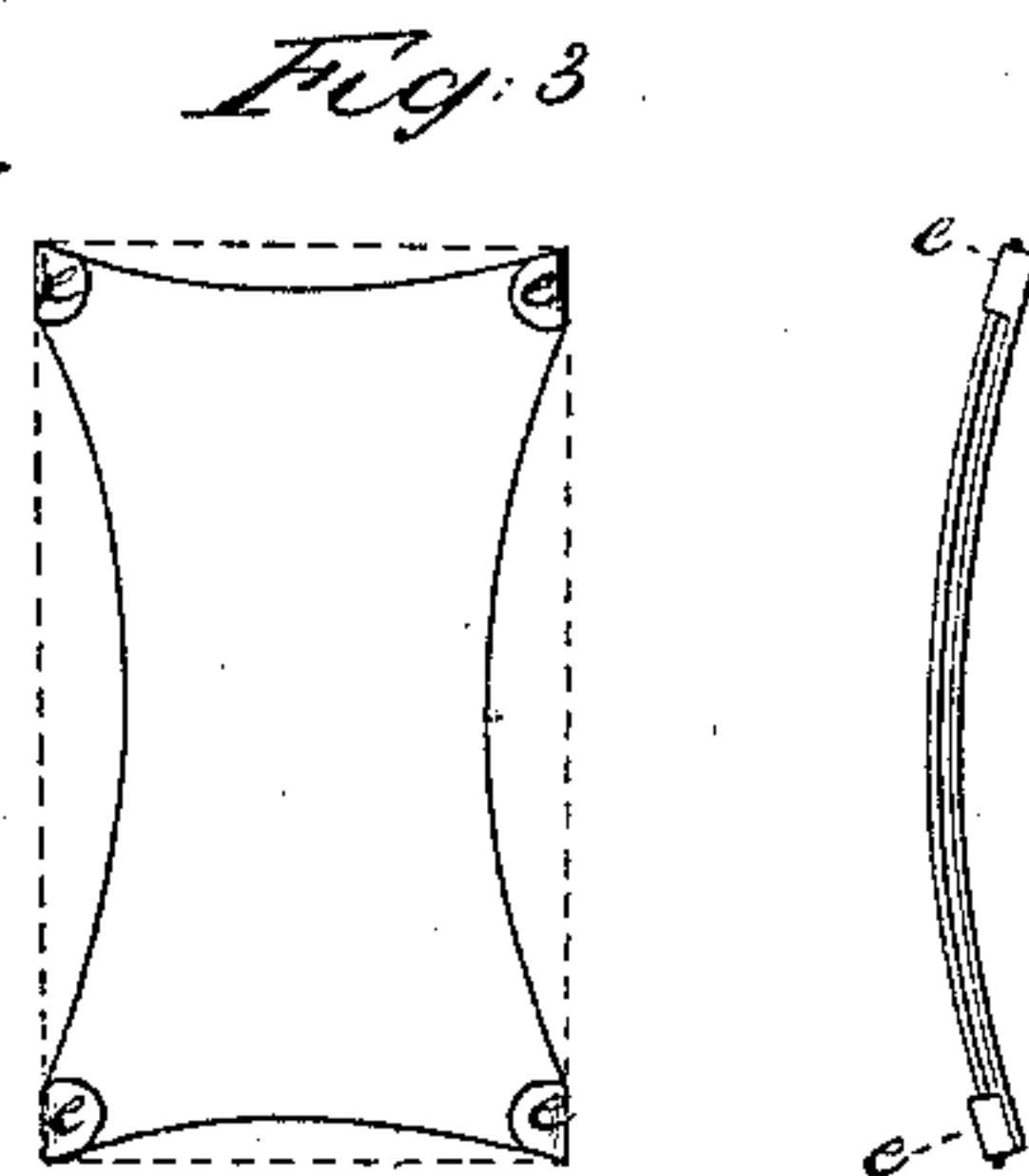
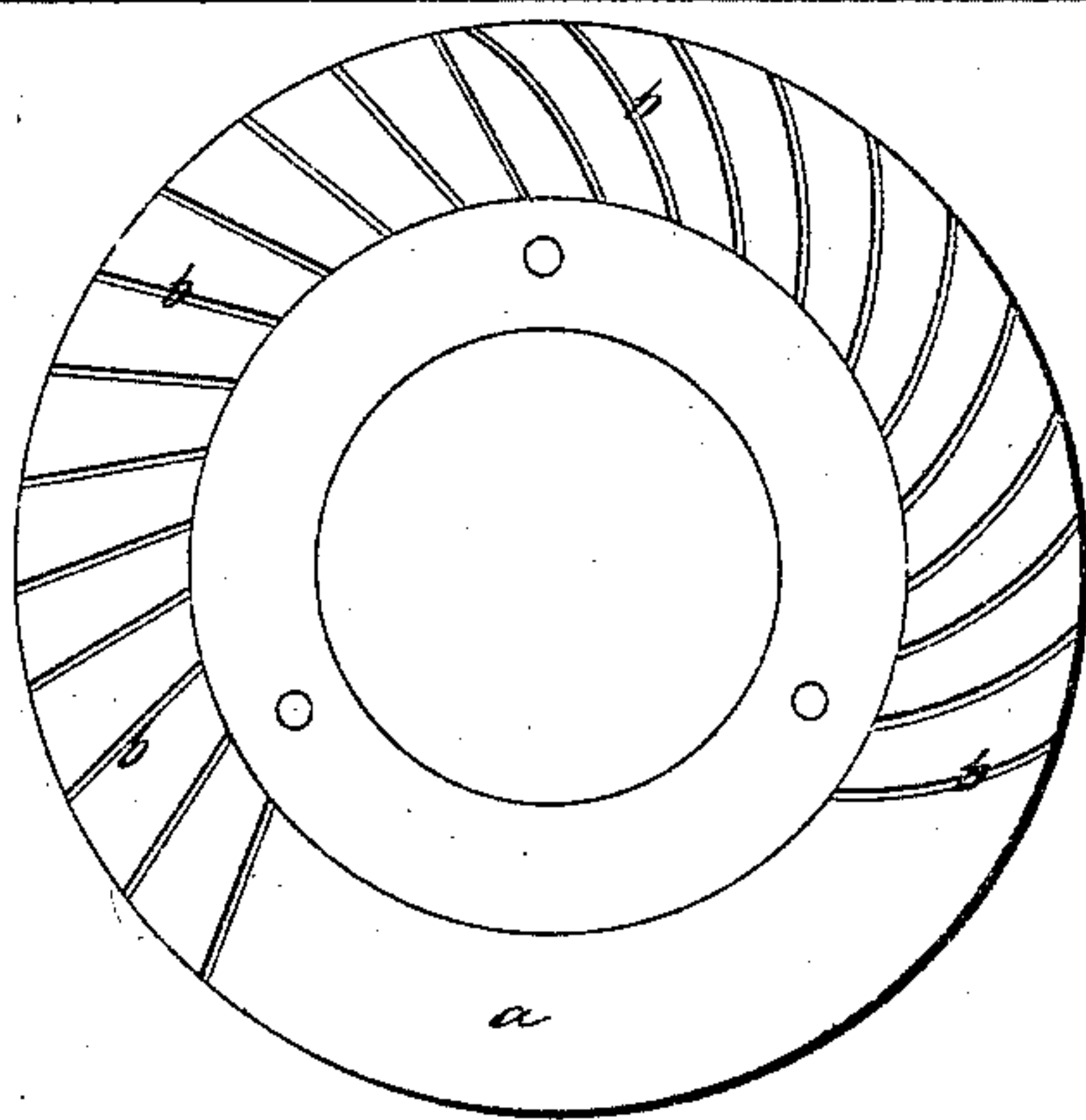
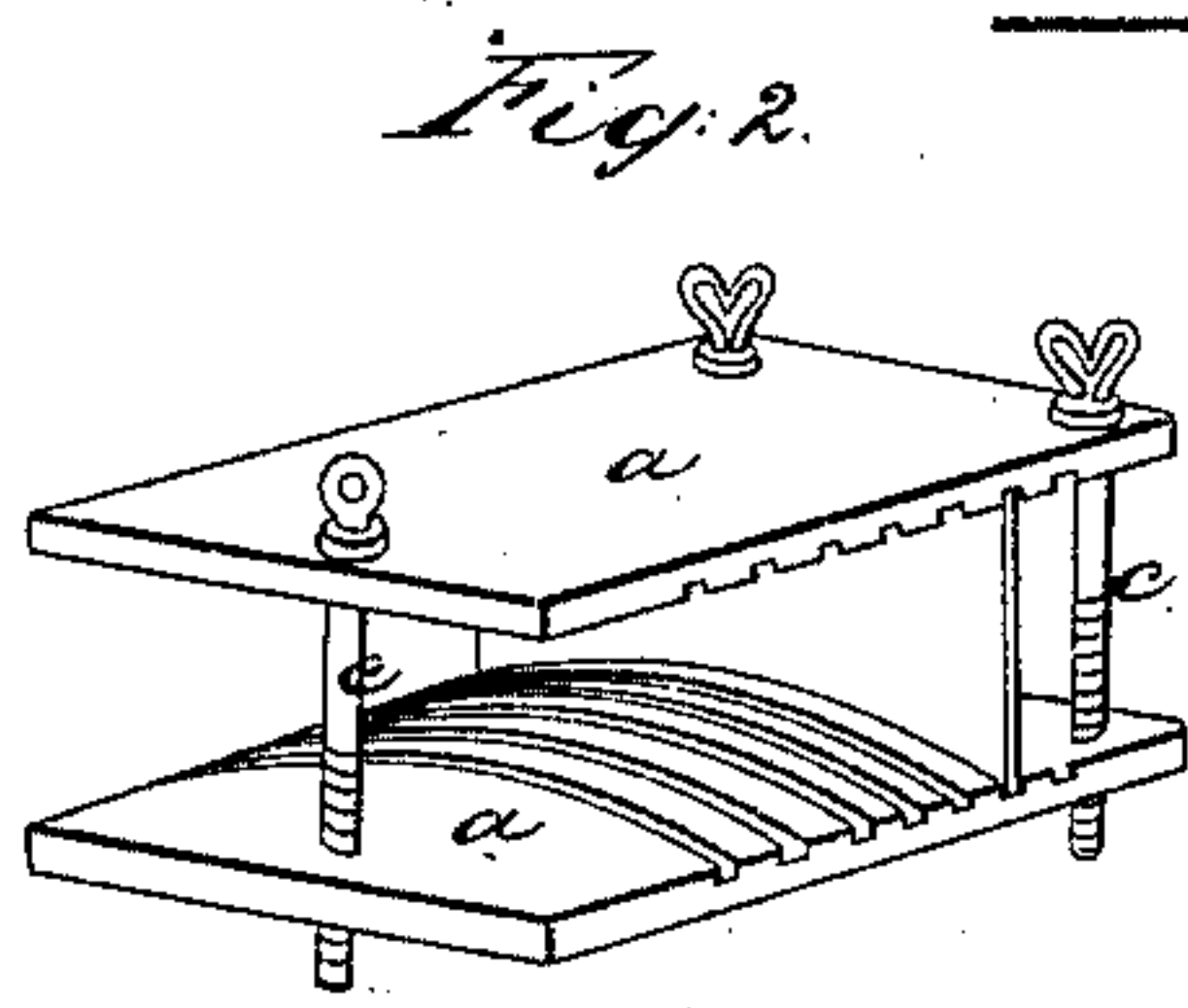
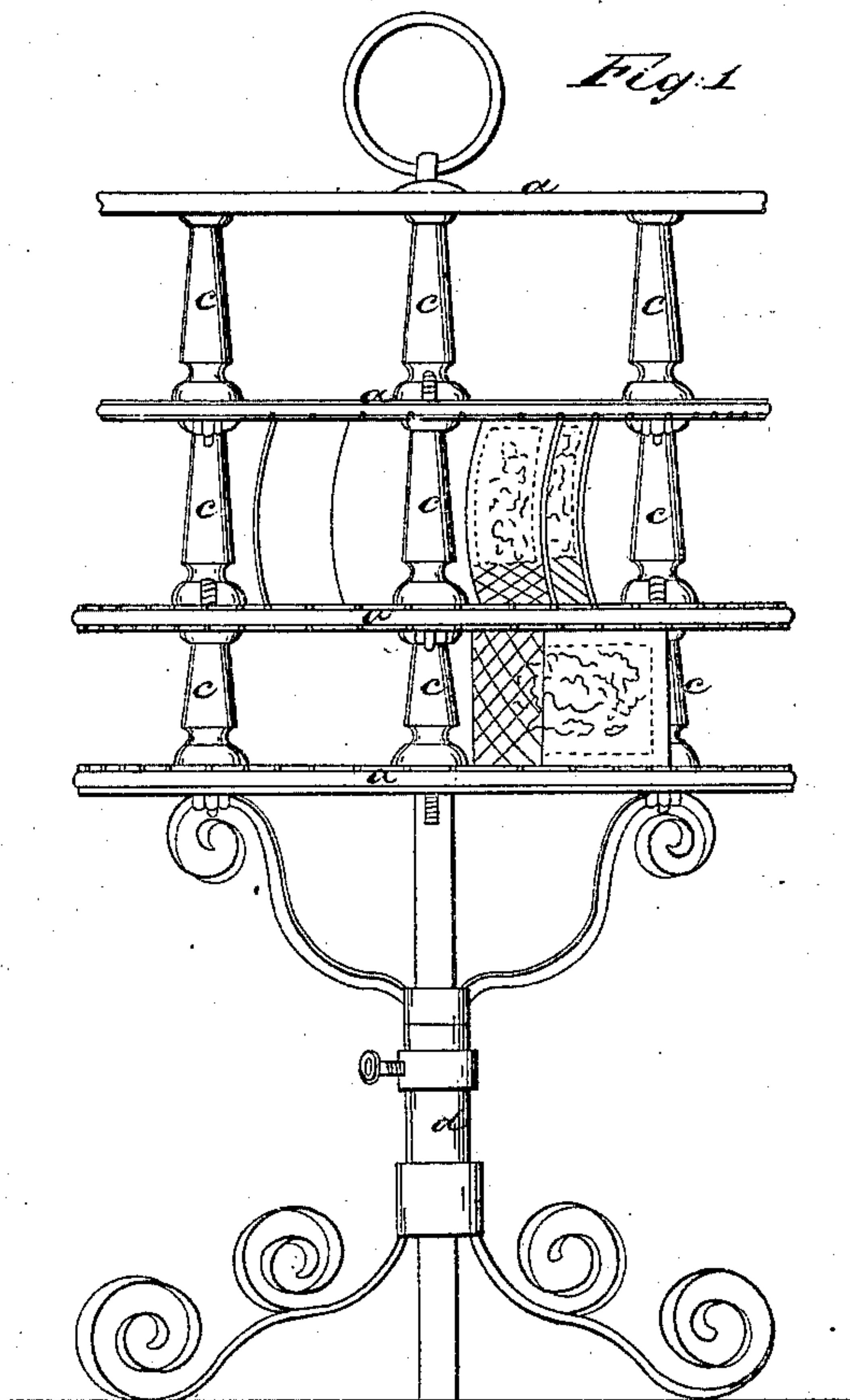


A.C. Platt,
Drying Photographs,
No 57,963,
Patented Sept. 11, 1866.



Witnesses

Carrie Mandlebaum
J. W. Bliss

Inventor

Alfred C. Platt.

UNITED STATES PATENT OFFICE.

ALFRED C. PLATT, OF OBERLIN, OHIO.

IMPROVEMENT IN APPARATUS FOR DRYING PHOTOGRAPHS.

Specification forming part of Letters Patent No. 57,963, dated September 11, 1866.

To all whom it may concern:

Be it known that I, ALFRED C. PLATT, of Oberlin, county of Lorain, and State of Ohio, have invented certain new and useful Improvements in the process or device for holding prints or pictures mounted upon card-board in a curved or convex shape while drying; and I do hereby declare that the same is described and represented in the following specification and drawings, and to enable others skilled in the art to make and use the same I will proceed to describe its construction or mode of operation.

The nature of this improvement consists in providing a convenient arrangement, device, or process for holding (thick paper-board or what is commonly called card-board having a print or picture pasted on one side or surface thereof) in a curved position while drying; or, in other words, it consists of a proper arrangement or device for holding (the print or picture surface mounted upon any proper material) in a curve or convex shape while drying, either by means of natural, atmospherical, or artificial heat, so that when dried and removed from that position it will assume a true even surface, or nearly so, the object of which is to secure and retain a true level surface, or nearly so, of the picture or print when mounted on any proper board (the tendency of which may be to curl or warp) after it shall have become dry, and to produce that result in an easy and convenient manner.

In the accompanying drawings, Figure 1 is a side elevation of circular rotating shelving mounted upon a stand so as to render it convenient for use in any desirable place. These shelves are arranged in an adjustable manner, so as to be easily adjusted to receive and hold the length or width of the cards in a more or less curved shape. These shelves are also provided with elevations or depressions, straight or curved, in or against which the edges of the cards rest. Said shelves are or should be placed at such distance apart that, as the card is placed therein, the print or picture mounted thereon shall be held in a curved shape until well dried.

Fig. 2 is a perspective view of two shelves held at the proper distance apart to receive the length or width of the card, having circular cleats or grooves into which the cards are slid, so as to produce a curved surface of the picture while being held in that position.

Fig. 3 shows another mode or device for holding the card or the print or picture-surface thereof in a convex shape, which may be made of wood or metal. When made of wood its shape may be produced as follows: first, take a board, (say eight by ten inches,) secure it in the usual way in a lathe, and, with the tool used for that purpose, turn off from the outer corners or edges so as to form a true circle across its surface; then secure buttons or clasps at or near the ends to hold the corners of the board in a curved or convex shape thereon while drying. This mode or device is particularly adapted to large size cards.

a are the shelves. *b* are the straight or circular cleats or grooves. *c* are standards or adjusting-rods. *d* is one of the many forms in which the stand may be made, and upon which the shelves are mounted. *e* are clasps or buttons for holding the card upon the turned, curved, or convex surface.

These shelves may be made in one or more pieces, two or more in number, with straight circular form, solid or open in the center. When these shelves are made circular and open in the center, and mounted so as to revolve upon a stand, as shown in Fig. 1, a lamp or some other heating device may be placed underneath or inside of the open space, so as to allow the heat thereof to expand or diffuse itself among the cards arranged thereon, to facilitate the drying process. Cards being held in this way, as above described, until dry, will assume and retain a true even surface, or nearly so. In this way I am enabled to nearly or quite remove the obstinate tendency of cards (when mounted and dried in the common way) to curl or roll, which is found to be very annoying.

I believe I have thus shown the nature, construction, and advantage of this improvement, so as to enable others skilled to make and use the same therefrom.

I claim—

A device for holding a print or picture in a curved or convex shape while drying, substantially as described.

ALFRED C. PLATT. [L. S.]

Witnesses:

CARRIE MANDLEBAUM,
J. W. BLISS.