

(No Model.)

2 Sheets—Sheet 1.

H. O. MAYNARD.
DEVICE FOR BLOCKING HATS.

No. 274,012.

Patented Mar. 13, 1883.

Fig. 1.

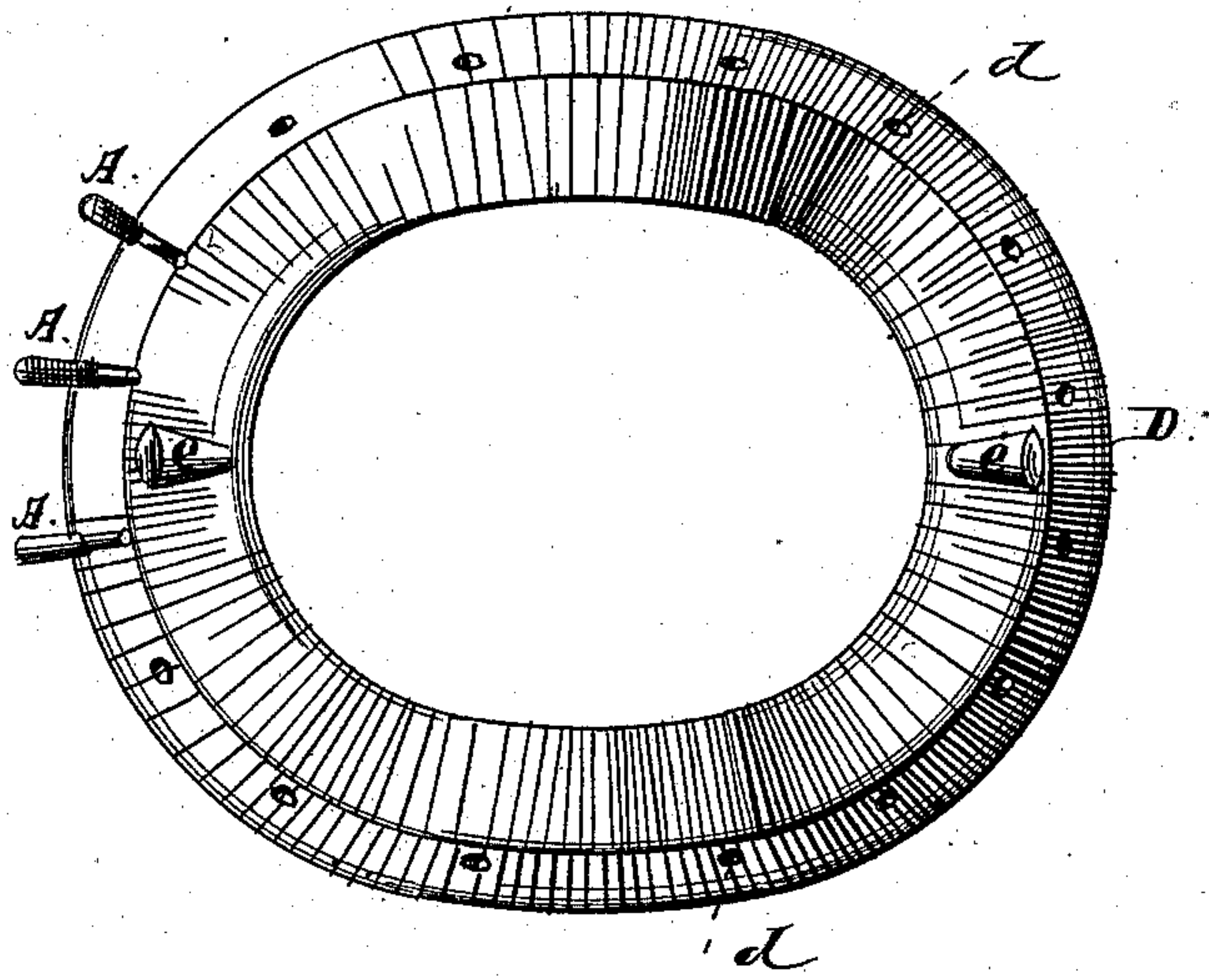


Fig. 2.

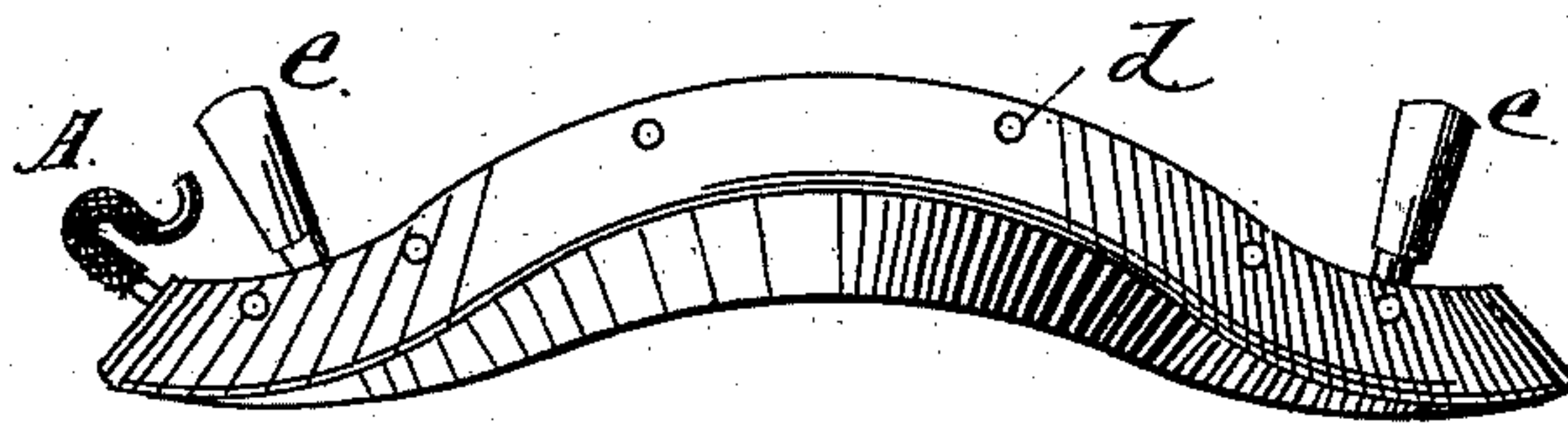


Fig. 4.

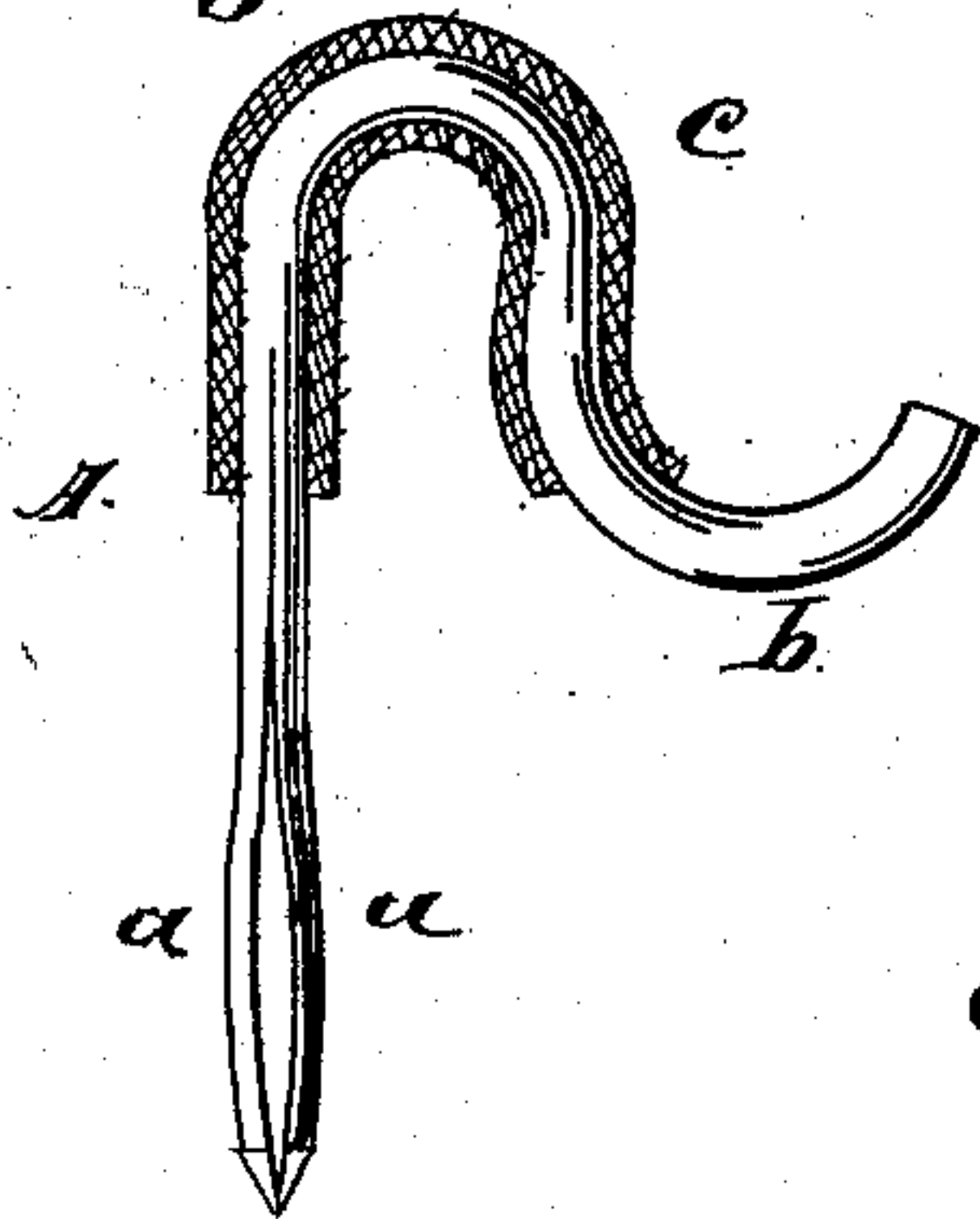
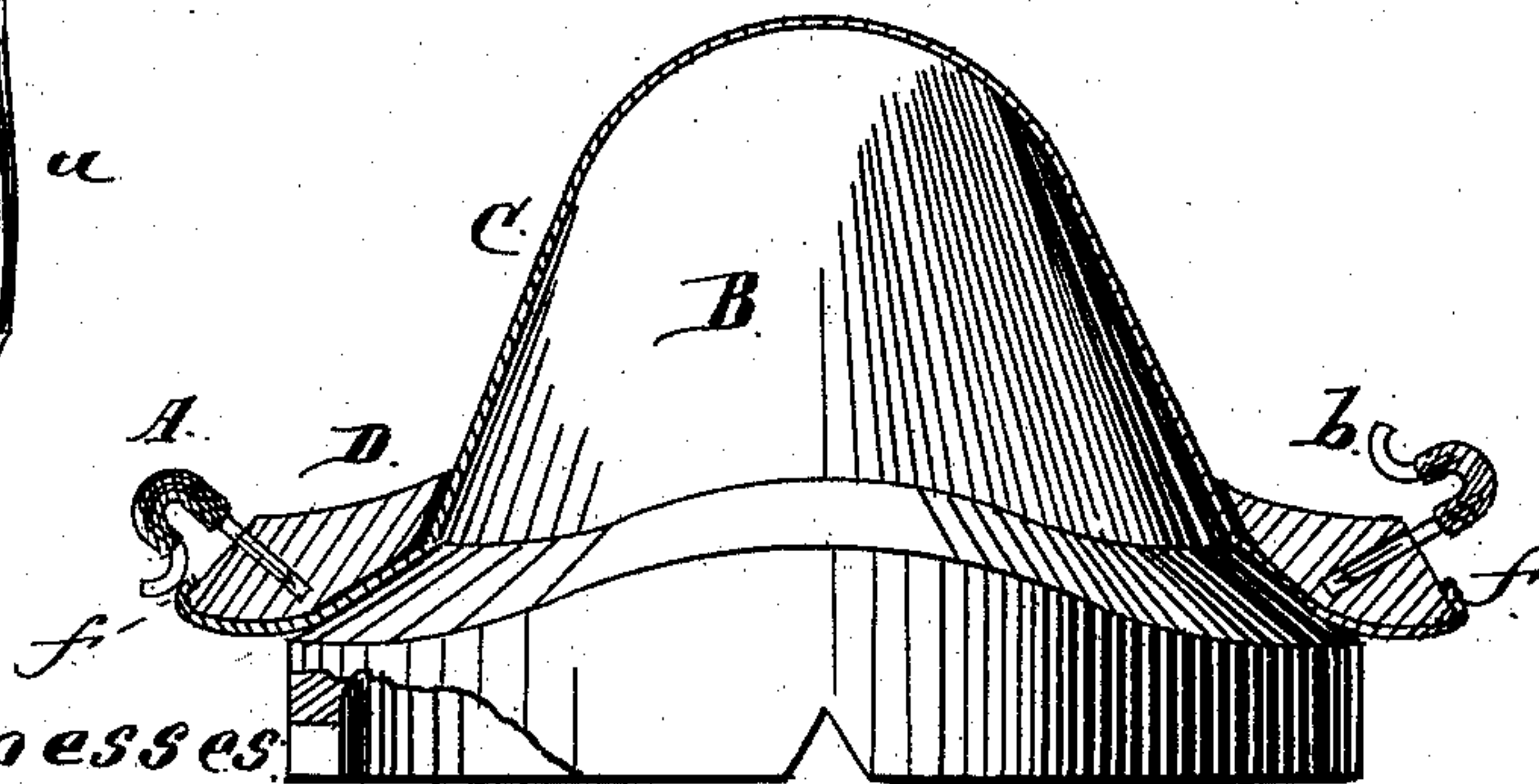


Fig. 3.



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Witnesses

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2 Sheets—Sheet 2.

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Fig. 5

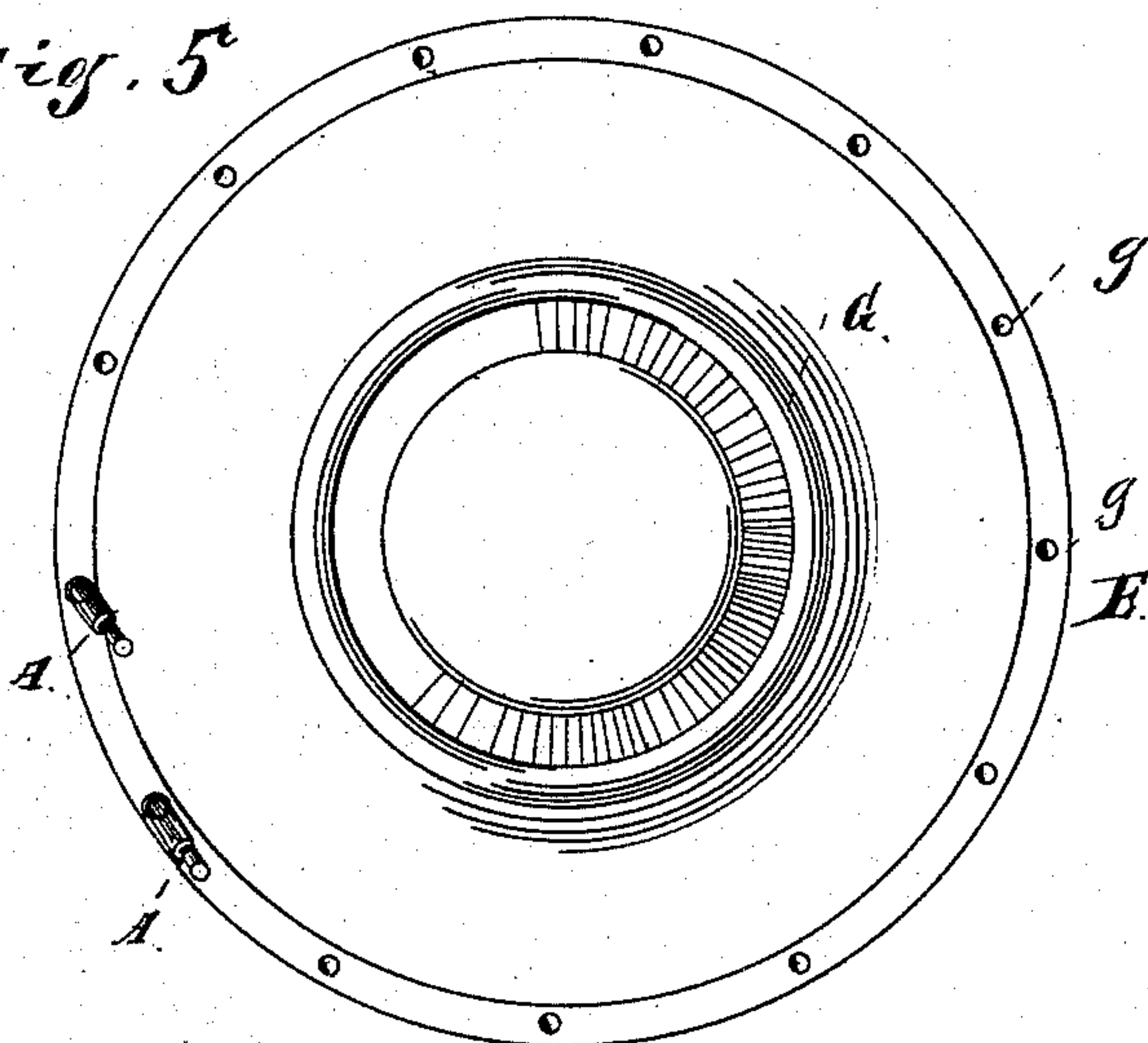


Fig. 7

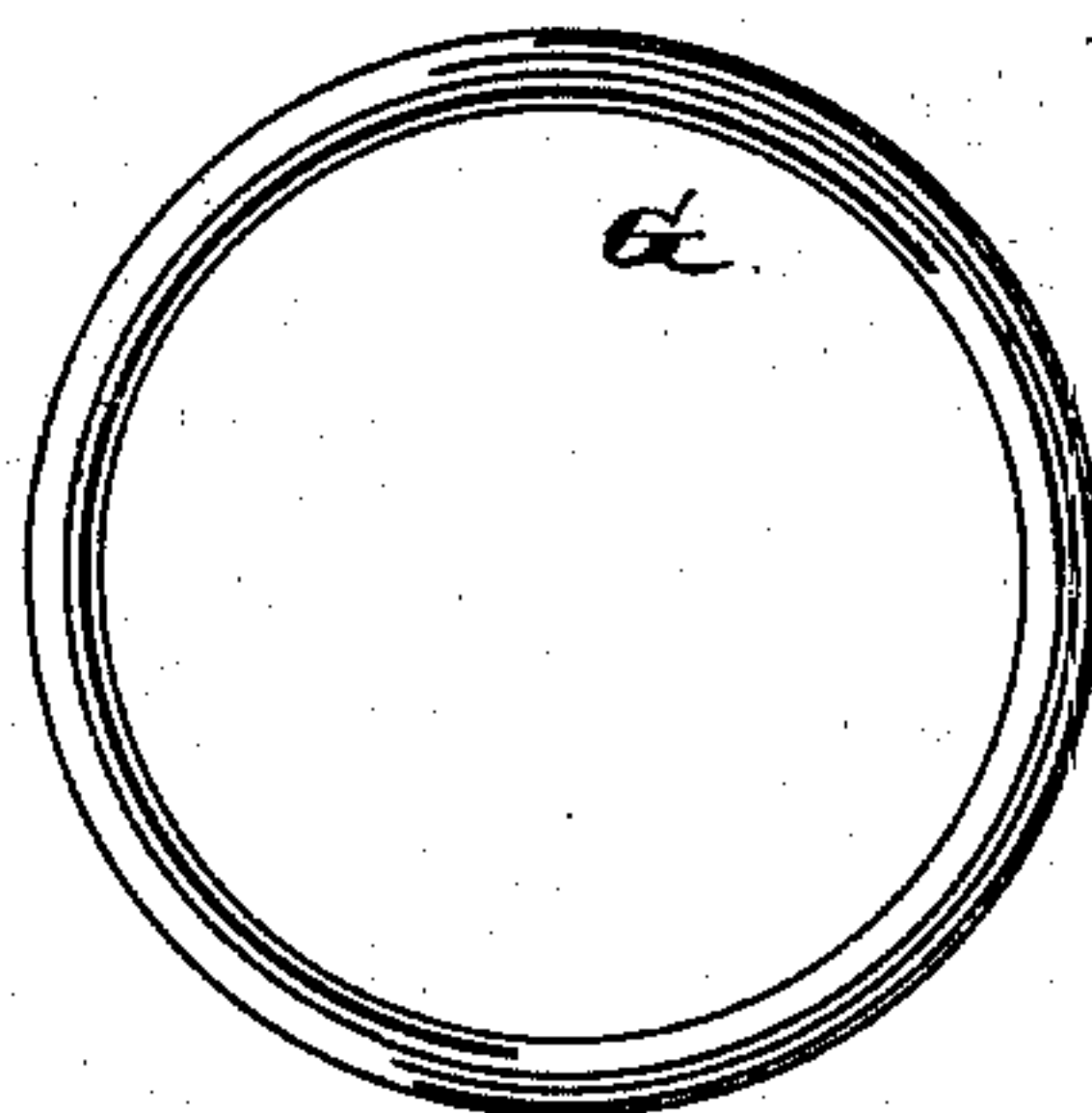
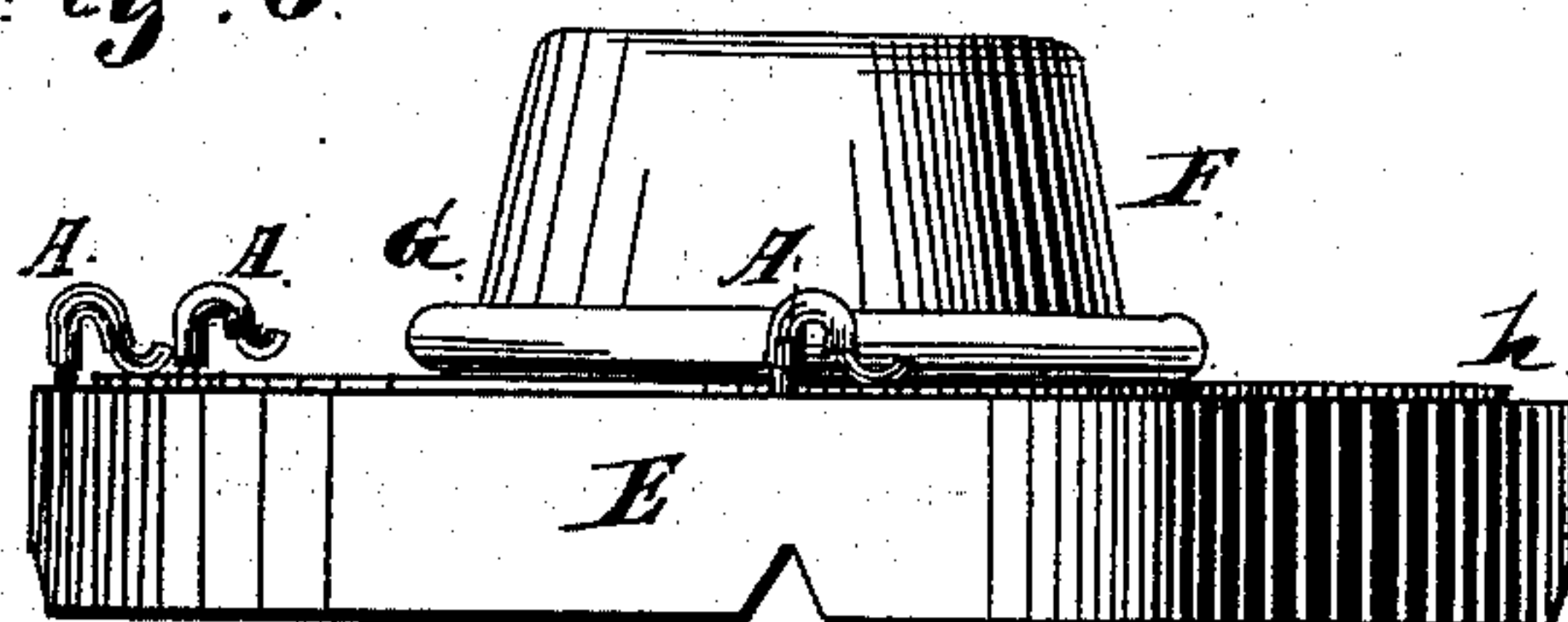


Fig. 6



Witnesses:

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Inventor:

Henry O. Maynard

UNITED STATES PATENT OFFICE.

HENRY O. MAYNARD, OF CHICAGO, ILLINOIS, ASSIGNOR TO D. B. FISK & CO.,
OF SAME PLACE.

DEVICE FOR BLOCKING HATS.

SPECIFICATION forming part of Letters Patent No. 274,012, dated March 13, 1883.

Application filed September 2, 1882. (No model.)

To all whom it may concern:

Be it known that I, HENRY O. MAYNARD, residing at Chicago, in the county of Cook and State of Illinois, and a citizen of the United States, have invented a new and useful Improvement in Devices for Blocking Hats, of which the following is a full description, reference being had to the accompanying drawings, in which—

Figure 1 is a plan of the part represented; Fig. 2, a side elevation of the same; Fig. 3, a side elevation of a hat-block, showing a hat having a rolling rim applied thereto in section, together with the part shown in Fig. 1. Fig. 4 is an enlarged view of the holding-pin. Fig. 5 is a plan showing a hat having a flat rim applied to a block and held in place by my device. Fig. 6 is a side elevation of the same, and Fig. 7 is a plan of the ring shown in Figs. 5 and 6.

My invention is primarily designed to be used in blocking hats which are made of straw or similar material. Two leading styles of such hats are in use—those having rolling rims and those having flat rims.

Heretofore it has been customary to secure the brims of hats upon the block while being shaped by means of pins passing through the brim near the edge and into the hat-block or other suitable part, and thereby a number of holes are made in the brim and injure the material, and which have to be closed by moistening and pressing the brim, involving considerable hand labor.

The leading object of my invention is to overcome the objection suggested, and to provide means for securely holding the hat-brim in place on the block without injuring the same, which I accomplish by means of holding-pins constructed and applied in a novel manner, and by means of other devices used in connection with such holding-pins, all as hereinafter described and claimed.

In the drawings, A represents my holding-pin, which can conveniently be constructed from a piece of suitable wire. In Fig. 4 a full-sized pin is shown. The lower end of the pin is split, and each half bent outward a little, so as to form springs *a a*. The other end of the wire forming the pin is curved and bent, as shown in Fig. 4, the under side of the part *b*

being smooth and designed to press upon the brim of the hat.

c is a covering of thread, cloth, or any suitable material to facilitate handling, as the pins in use become hot.

B is a hat-block adapted to be used with hats which are to have a rolling brim.

C is a hat in place upon the block.

D is a metal ring of the proper form, which form depends upon the shape which is to be given to the brim of the hat, this metal ring being adapted to be used in shaping hats which are to have a rolling brim. This metal ring D, which is shown in section in Fig. 3, is of such dimensions or bulk that its weight alone holds it securely in place after it is once placed upon the block, and no fastening devices are necessary. Its form is substantially indicated by the sectional view in Fig. 3, it being so formed as to project beyond the edge of the block, as shown, its inner surface fitting the conformation of the rim portion of the block and extending up a short distance upon the crown. In other respects its form is not of essential importance, its thickness being such as to give it the required weight. It is shaped to correspond with the block with which it is to be used, and is provided with a series of holes, *d*, to receive the spring end of the holding-pins, which holes are of such size that when the holding-pins are inserted therein they cannot be removed except by the use of some force, the springs *a* being in contact with the sides of the holes *d*. In blocking hats of this class a hat is to be placed upon the block. A metal ring, D, is then put in place, as shown in Fig. 3. Then the brim of the hat can be turned up over the edge of the metal ring D, as shown at *f*, Fig. 3, in which position the turned-up brim can be securely held by pins A, one of which in Fig. 3 is shown in place in contact with the brim, and the other pin shown in that figure is ready to be turned over, so as to bring the part *b* in contact with the brim. In blocking hats moisture and heat are used, as usual.

In Figs. 5 and 6, I have shown my holding-pins as used in blocking hats the brims of which are flat. In these figures, E represents the block, provided with a series of holes, *g*, near the outer edge, to receive the holding-

pins. F is a hat upon the block. *h* is the flat brim of such hat. A are the holding-pins, inserted in the holes *g* in the block to such depth that the parts *b* of the pins come in
5 contact with the brim of the hat and hold the same in position. G is a metal ring, which encircles the crown of the hat, and may be pressed down upon the brim at or near its junction with the crown. The holding-pins perform
10 precisely the same office, whether used when blocking hats which have a rolling brim or in blocking those which have flat brims. In the former case, as shown, the pins are inserted in holes in the ring D, and in the latter they
15 are inserted in holes in the block. I am thus able to hold the brims of hats in position while the hat is being blocked without making holes in the brim or otherwise marring or injuring the same.

20 What I claim as new, and desire to secure by Letters Patent, is as follows:

1. The holding-pin A, one end of which is adapted to be inserted and held in a hat block or ring, and formed at the other end substantially as shown and described, whereby the
25 brim of a hat can be held in place while the hat is being blocked, as specified.

2. A metal ring, D, formed substantially as shown and described, and adapted to be used in blocking hats having a rolling brim, substantially as specified. 30

3. The holding-pin A, in combination with a hat-block and a holding-ring, for the purpose of holding the brim of a hat in place while being blocked without marring or injuring such
35 brim, substantially as specified.

HENRY O. MAYNARD.

Witnesses:

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O. W. BOND.