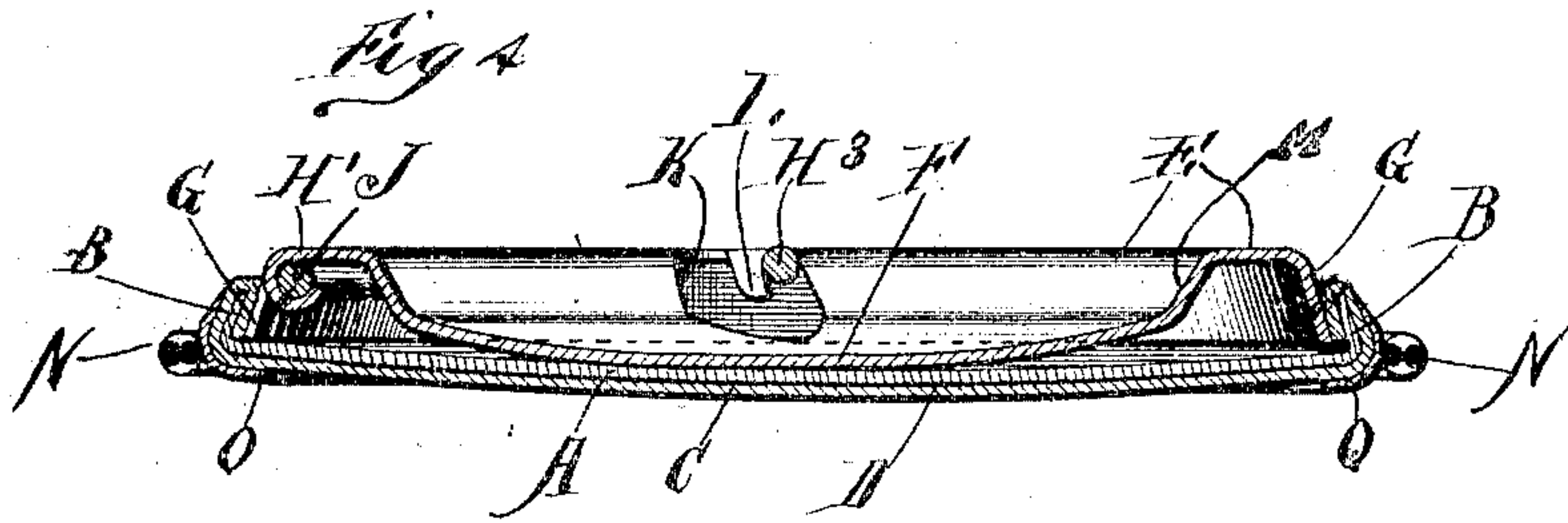
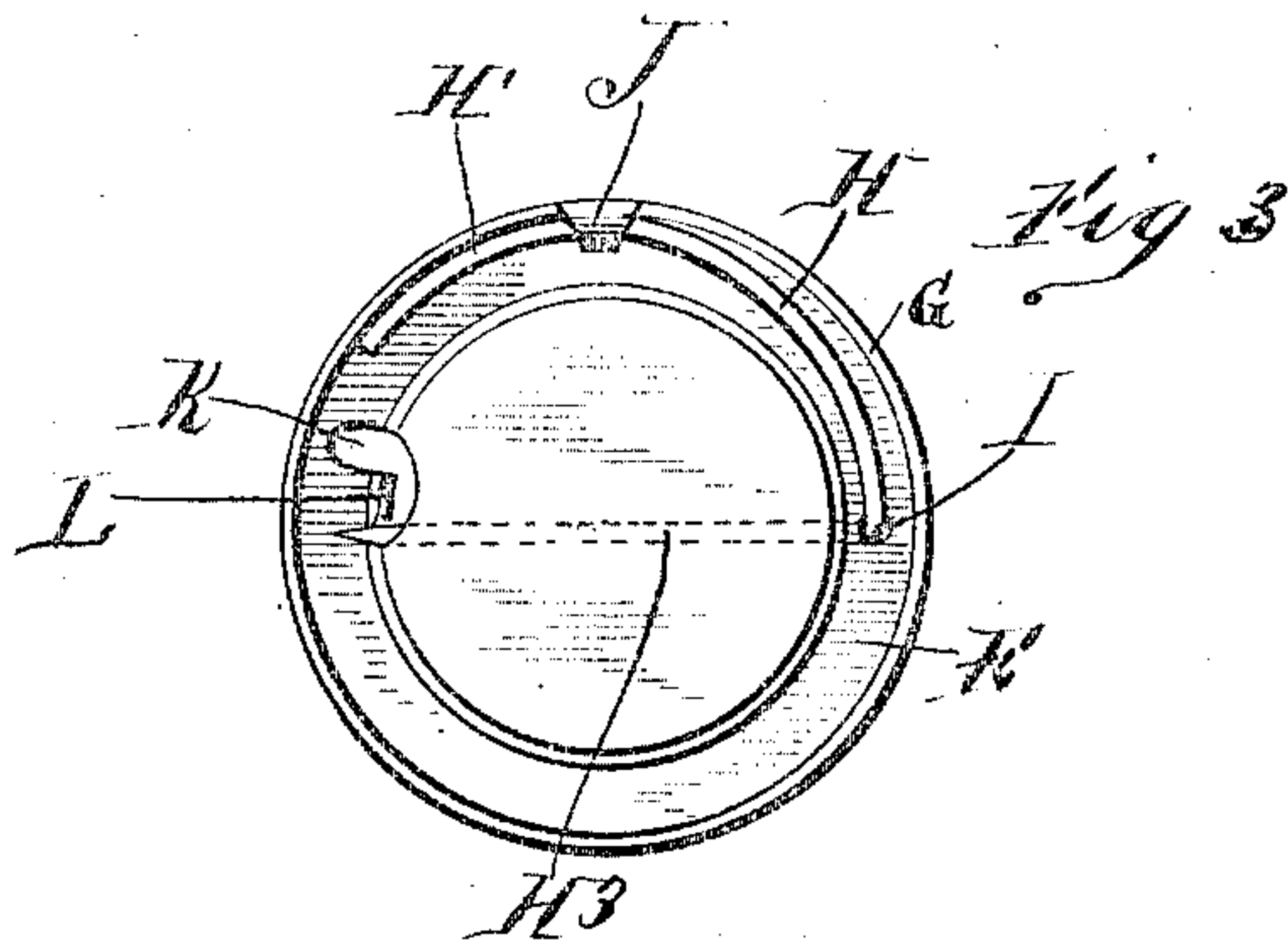
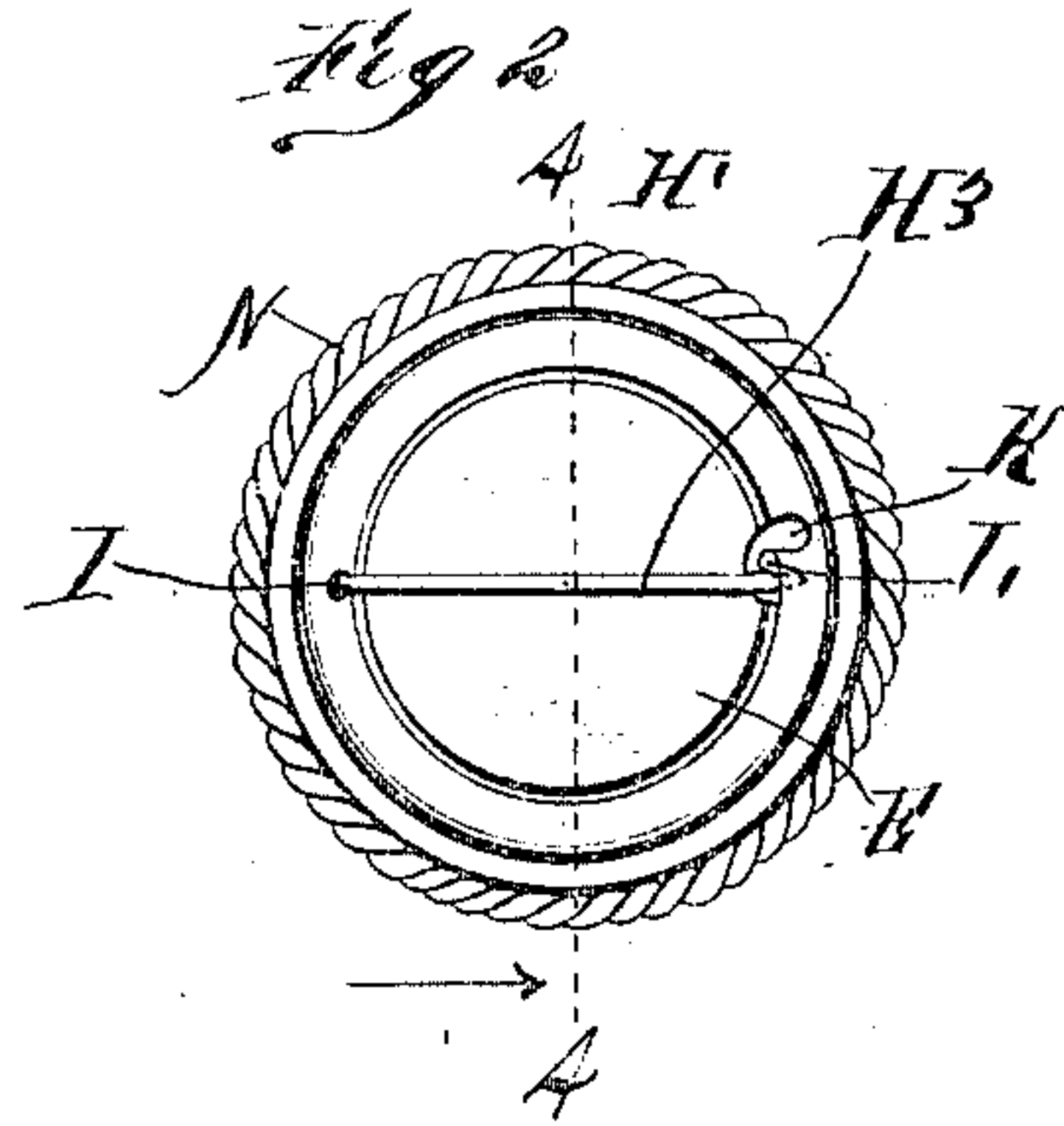
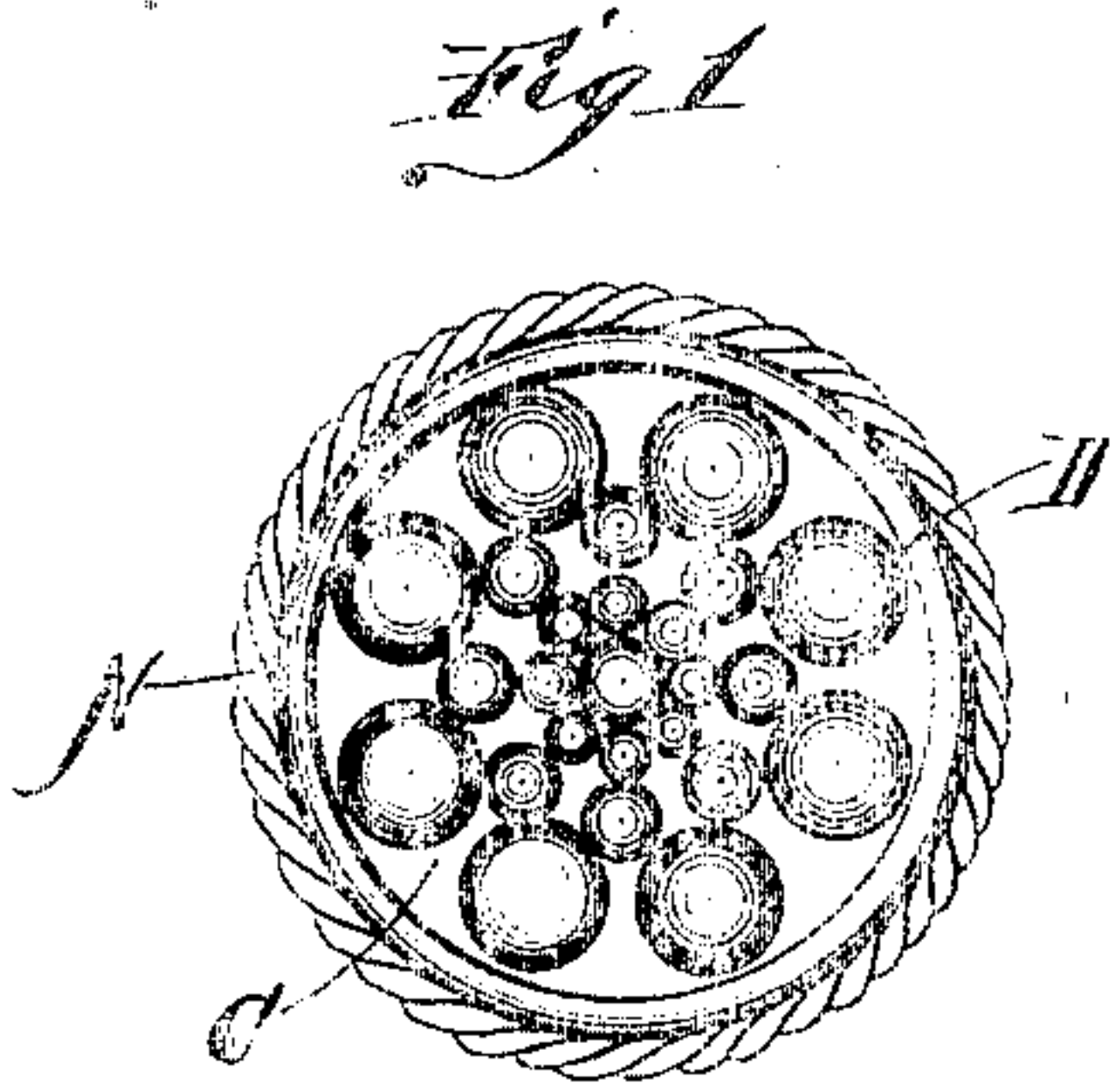


(No Model.)

G. B. KEPLINGER.
BROOCH.

No. 604,763.

Patented May 31, 1898.



Witnesses
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UNITED STATES PATENT OFFICE.

GEORGE B. KEPLINGER, OF CHICAGO, ILLINOIS.

BROOCH.

SPECIFICATION forming part of Letters Patent No. 604,763, dated May 31, 1898.

Application filed March 25, 1897. Serial No. 629,161. (No model.)

To all whom it may concern:

Be it known that I, GEORGE B. KEPLINGER, a citizen of the United States, residing at Chicago, in the county of Cook and State of Illinois, have invented a certain new and useful Improvement in Brooches, which is fully set forth in the following specification, reference being had to the accompanying drawings, in which—

10 Figure 1 is a front or plan view of my brooch. Fig. 2 is a back view of the same. Fig. 3 is an inside view of the back plate with the pin inserted ready to be attached to the front plate of the brooch. Fig. 4 is a transverse sectional view taken on the line 4 4 of Fig. 2, looking to the right.

15 The object of my invention is to make a brooch in which the front plate or shell of the brooch is strengthened and supported by the back plate at the central portion of the brooch, and the pin with which the brooch is secured to the wearing-apparel is firmly locked with its point covered like a safety-pin. The front plate or shell of the brooch is covered with a celluloid covering, with a photograph or other picture secured beneath the celluloid covering and united to the covering to make a permanent attachment between the two, which will not only exclude any dust from getting 20 between the picture and the celluloid, but will preserve the photograph for a long period from discoloring and otherwise deteriorating. I also place about the periphery of the brooch a band, making a finish either in gold or other finish such as is used for ornamenting brooches.

25 My invention consists of the parts and combinations of parts hereinafter fully described and made the subject-matter of the claims hereof.

30 My brooch consists of what I term a "front plate" or "shell" A, preferably of thin metal, having a turned-over annular flange or rim B. I cover this front plate or shell with sheet-celluloid C, to one side of which I unite a photograph or other picture D by soaking the photograph-print in a prepared liquid and then pressing the two under a heated iron, causing the photograph or other picture 45 to unite permanently to the celluloid. The celluloid is large enough to extend over the annular flange or rim B of the front plate or

shell A of the brooch, the photograph or other picture showing through the celluloid on the front of the brooch.

55 E is the back plate of the brooch. The center of this back plate E is stamped inward, as at F, to rest against the central portion of the front plate or shell of the brooch. There is also an annular flange G on the back plate which fits within the flange or rim B of the front plate or shell and clasps the edge of the celluloid covering of the front plate or shell to hold it firmly and smoothly in place on the front plate or shell of the brooch. Within the 60 flange or rim G of the back plate of the brooch, before it is attached to the front plate or shell, I place a spring-pin H, which is composed of a curved portion H' and a straight-pointed portion H". The back plate of the rim is provided with a hole I, through which the straight-pointed portion of the pin is inserted, and the curved portion is then placed within the 65 turned-down flange or rim G of the back plate E of the brooch. I press a small portion of this rim down over the curved portion of the pin, as shown at J, to hold the pin in place before the parts of the brooch are assembled together.

70 By securing the pin in the back plate of the brooch before the parts of the brooch are assembled I am enabled to facilitate the assembling of the parts by reason of being able to connect the pin with the back plate in a sufficiently permanent manner to handle the 85 back plates in quantities before they are connected to the front plate.

90 The fact that the pointed portion of the pin passes through a hole in the back plate assists in keeping it in the back plate. The back plate also has a slot K, through which the point of the pin passes. The slot is of such shape that it creates a tongue L, extending downwardly in the shoulder M, that is formed in the back plate by pressing the central portion of the plate F inward, as above 95 described.

100 When the straight-pointed portion of the pin is inserted in the garment, it is pressed through the slot K and under the tongue L, which locks it securely in place.

N is a metal band or rim made in such shape that one edge of it extends over the front plate of the button, as shown at O, and may

be set with stones or other ornamentations around the circumference of the front of the brooch. The other edge of this band or rim, after the brooch is inserted in it, is swaged 5 against the under edge of the brooch to secure the gold rim to the brooch. The back plate of the brooch is secured to the front plate or shell of the brooch by placing the flange G of the back plate within the flange 10 B of the front plate, and the edge of the celluloid covering of the front plate is clasped between the two to secure the celluloid to the front plate of the brooch.

It will be observed that I can secure my 15 brooch to the garment with the ordinary pin attached to the band of the brooch; but I prefer to use the pin herein shown and described, because it is more cheaply made and attached to the brooch and brings the brooch closer to 20 the garment to which it is attached, also covers the point of the pin, and also locks the point in place.

In manufacturing these brooches I find that I am able to make a gold-finished brooch with 25 celluloid photo fronts, the celluloid fronts showing the picture of any building or person, and the picture being brought out in tints or colors in an artistic way and so secured to the celluloid and protected as to always preserve 30 its original qualities.

In making large brooches of this kind it is very essential and important that the front plate or shell is strengthened and supported by the back plate being brought in contact 35 with the central portion of the front plate.

Having described the construction and operation of my invention, what I claim, and desire to secure by Letters Patent, is—

1. As a new article of manufacture, a brooch 40 composed of the continuous front piece, A, having the turned-over rim portion, B; with the back piece having the turned-over rim

portion, G, cooperating with the rim portion, B, the depressed concaved portion, F, resting against the central portion of the front piece, 45 A, to strengthen it, said front and back pieces forming an arch-like structure, and the undepressed portion, E, between the rim portion, G, and the depressed portion, F; and means for attaching said brooch to a garment, 50 substantially as described.

2. As a new article of manufacture, a brooch composed of the continuous front piece, A, having the turned-over rim portion, B; with the back piece having the turned-over rim 55 portion, G, cooperating with the rim portion, B, the depressed concaved portion, F, resting against the central portion of the front piece, A, to strengthen it, said front and back pieces forming an arch-like structure, and the un- 60 depressed portion, E, between the rim portion, G, and the depressed portion, F; and the pin secured beneath the undepressed portion, E, and having its body portion, H³, emerging from the shoulder M between the 65 portions, E and F, and caught by the tongue, L, formed by the notch, K, in said shoulder, substantially as described.

3. In a brooch, the combination of the back piece having the turned-over rim portion, G, 70 the depressed concaved portion, F, and the undepressed portion, E; with the pin, H, consisting of the curved portion, H', in the channel between the rim, G, and the portion, F, and secured by the turned-over tongue, J, of 75 the rim, G, and the straight portion, H³, projecting through the aperture, J, in the undepressed portion, E, and caught by the tongue, L, formed by the notch, K, substantially as described.

GEORGE B. KEPLINGER.

Witnesses:

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FLORA BROM.