

No. 667,748.

Patented Feb. 12, 1901.

J. W. TREADWELL, Dec'd.

R. W. MOORE, Executor.

BUTTON.

(No Model.)

(Application filed Mar. 5, 1898. Renewed Oct. 27, 1900.)

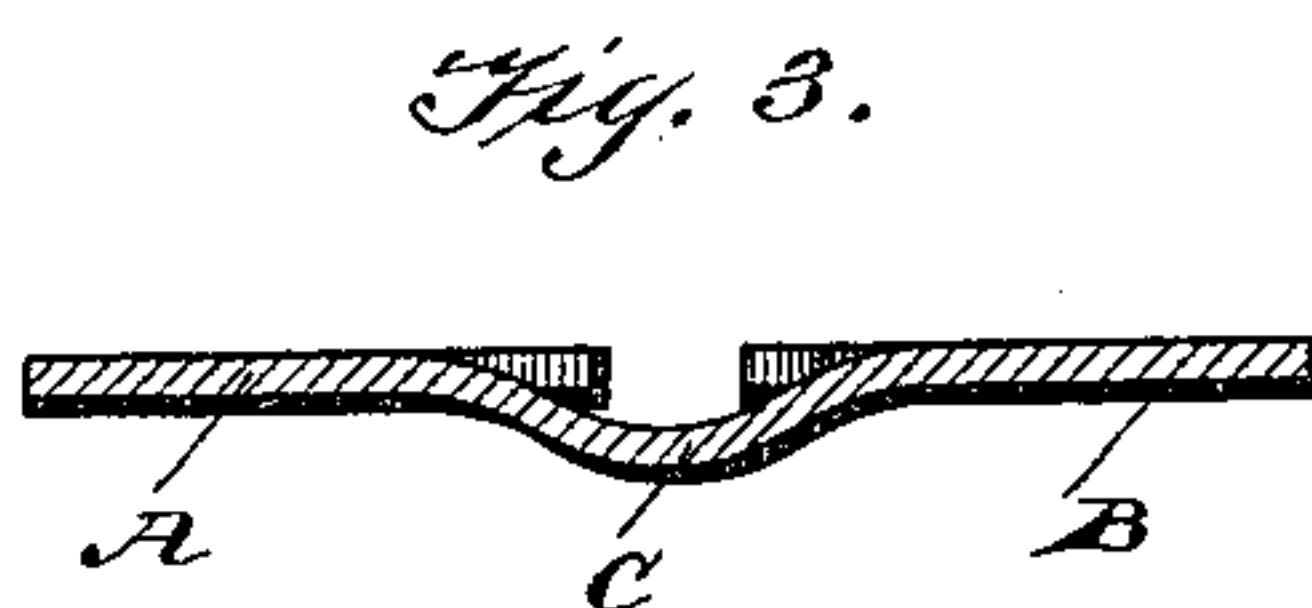
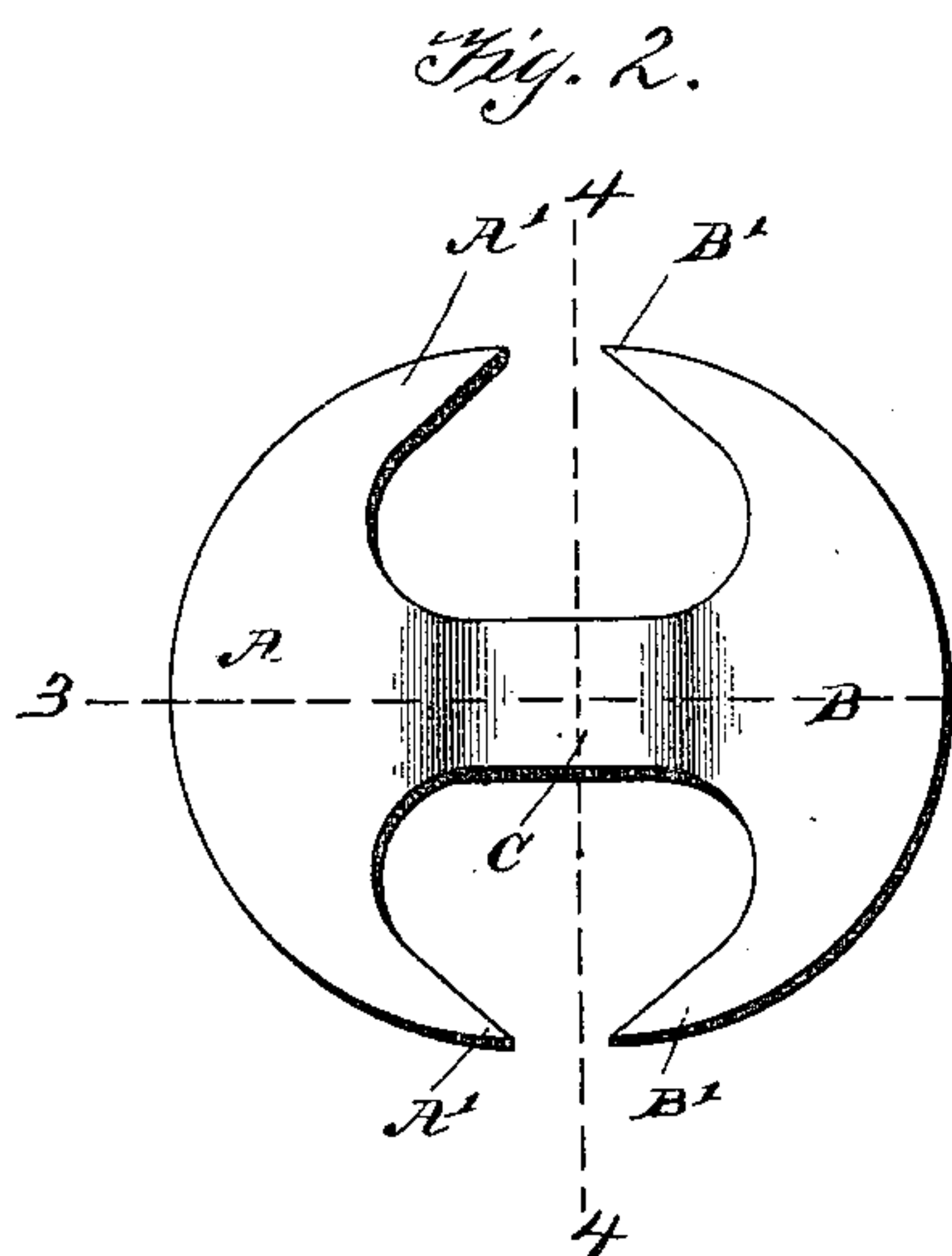
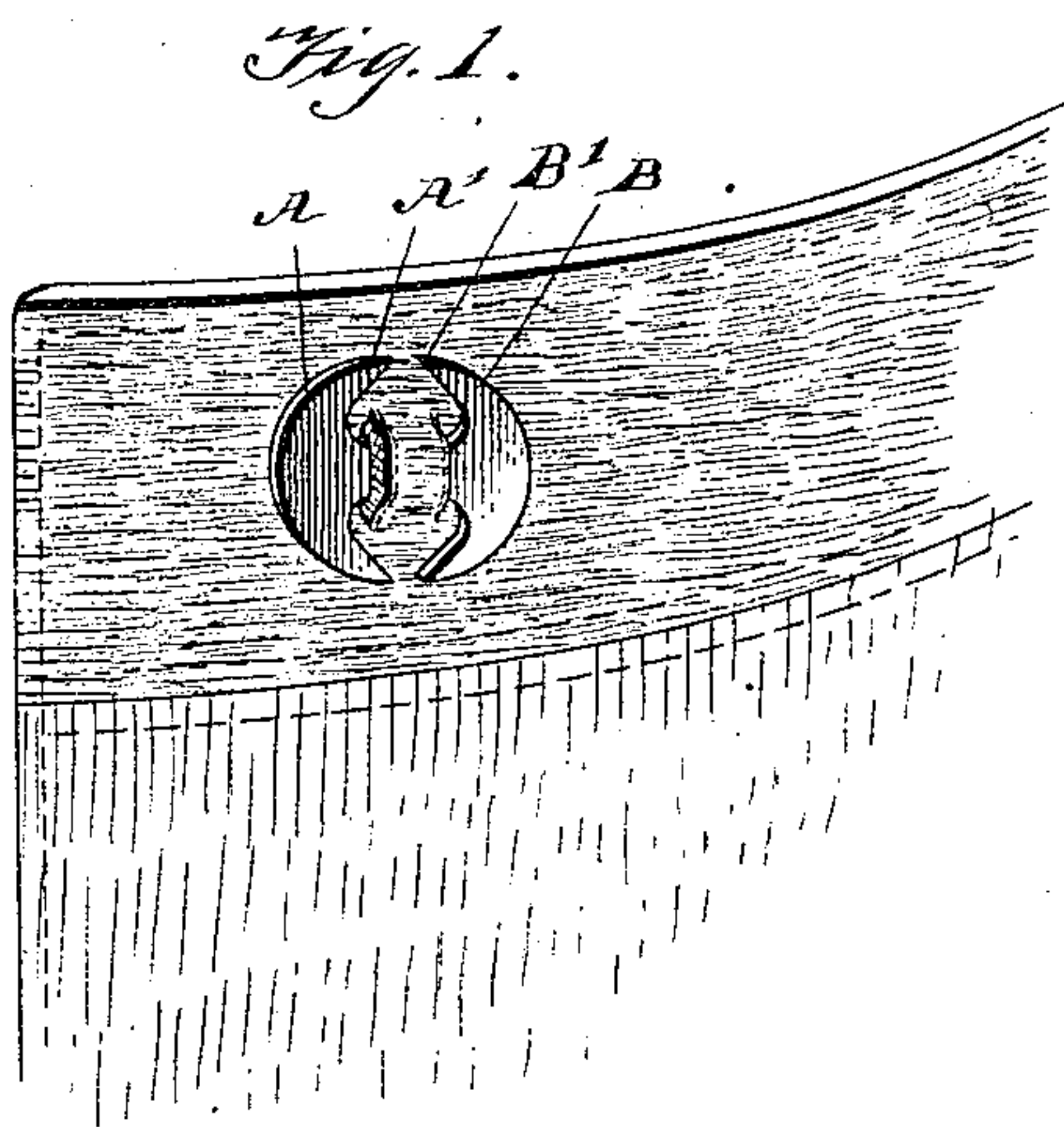
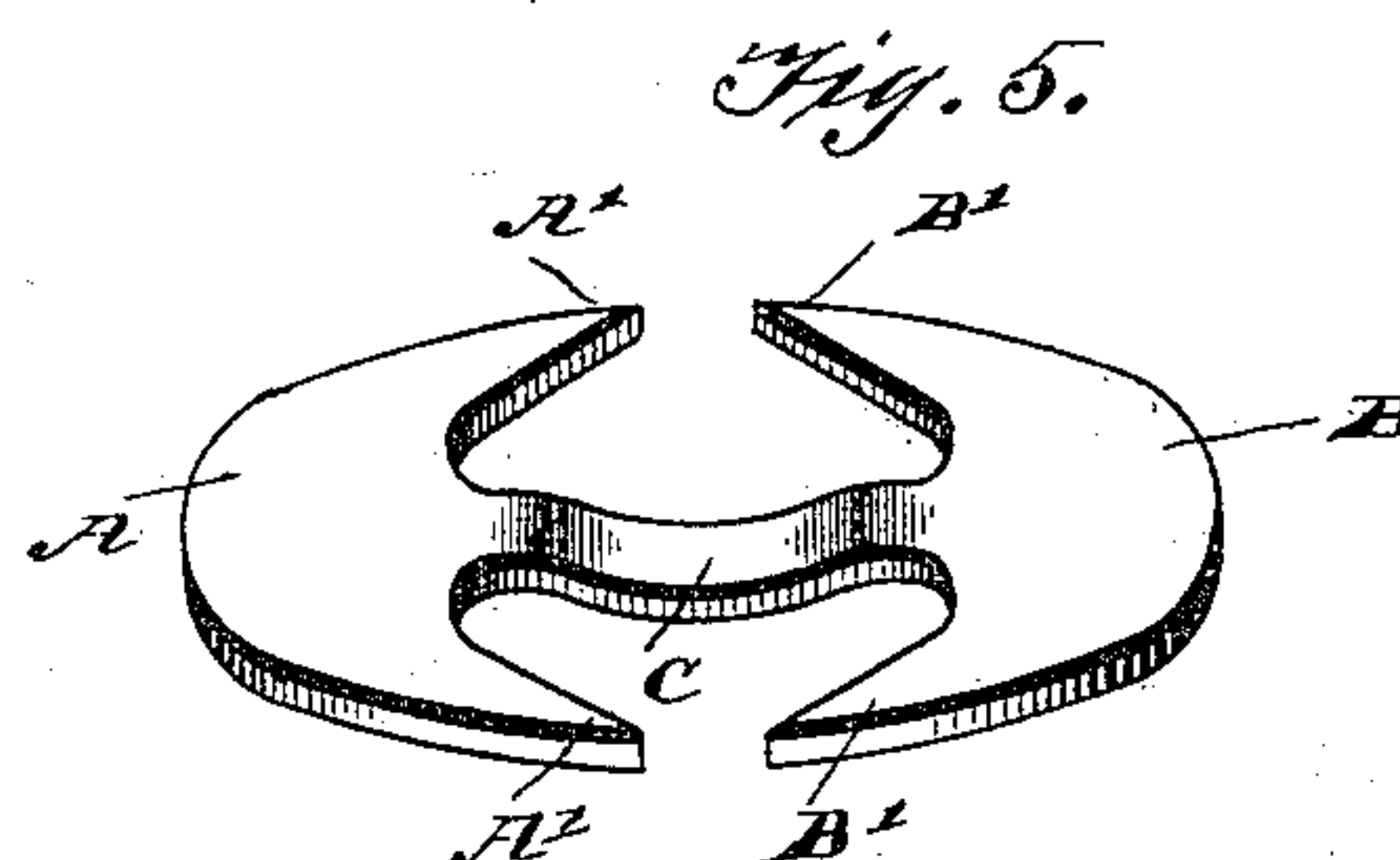


Fig. 4.



Witnesses

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UNITED STATES PATENT OFFICE.

JOHN W. TREADWELL, OF SPARTA, GEORGIA; R. W. MOORE EXECUTOR OF
SAID TREADWELL, DECEASED.

BUTTON.

SPECIFICATION forming part of Letters Patent No. 667,748, dated February 12, 1901.

Application filed March 5, 1898. Renewed October 27, 1900. Serial No. 34,650. (No model.)

To all whom it may concern:

Be it known that I, JOHN W. TREADWELL, a citizen of the United States, residing at Sparta, in the county of Hancock and State of Georgia, have invented a new and useful Button, of which the following is a specification.

My invention relates to buttons for use on all kinds of garments, and has for its object to provide an extremely cheap, simple, and durable button which may be permanently secured to a garment without the use of thread, needle, screws, rivets, or any other means of fastening outside of the button itself.

With this object in view my invention consists in the peculiar construction of the several parts, as hereinafter fully described, and pointed out in the claims.

In order to enable others skilled in the art to which my invention most nearly appertains to make and use the same, I will now proceed to describe its construction and operation, reference being had to the accompanying drawings, forming part of this specification, in which—

Figure 1 is a perspective view illustrating a button constructed in accordance with my invention attached to the waistband of a pair of trousers. Fig. 2 is a plan view of one side of the button. Fig. 3 is a sectional view on the line 3 3 of Fig. 2. Fig. 4 is a sectional view on the line 4 4 of Fig. 2. Fig. 5 is a perspective view of the button.

Like letters of reference mark the same parts wherever they occur in the different figures of the drawings.

Referring to the drawings by letters, A and B indicate the two crescent sides or wings of the button, stamped out of sheet metal, having their points A' and B' turned toward each other. These wings are connected together at the mid-length of their inner sides by a shank or strip of metal C, said inner sides of the wings being curved outward in continuation of the side lines of the shank, and then inward to the points A' and B', in order to permit the easy insertion of the button into the cloth.

While I have illustrated the buttons as stamped, cut, or otherwise formed out of a single piece of sheet metal, which will be the preferred way of manufacturing them, they may,

if desired, be made of three or more separate pieces soldered, brazed, or otherwise properly secured together.

It will be noticed that the two wings A and B are arranged in the same plane with each other. These form when the button is in use the outer or head portion of the button, and the strip C, which connects the wings, is bent or curved to one side out of the plane of the wing, forming the shank, by which the button is attached to the garment.

To attach my improved button, a fold is made in the cloth of the garment to which the button is to be attached and a small hole pierced through both thicknesses of the fold. One of the points A' or B' is passed through the hole in both thicknesses of the fold and the head, of which the entered point forms a part, is forced through the hole, by its wedge shape spreading the fibers of the cloth apart until the other point of the wing has also passed through and the shank C is in the two holes. By simply spreading or smoothing out the cloth both wings will appear on one side—namely, the outside—of the cloth and form, as before stated, the head of the button, while the shank will appear on the opposite side (the inside) of the cloth and will securely hold the button on the garment, it being impossible to remove it without cutting or tearing the cloth from one hole to the other.

Where the cloth to which the button is to be attached is very thin, a reinforcing stay-piece may be folded within the fold of the cloth before piercing it and the wing forced through the stay-piece at the same time it is forced through the cloth of the garment.

Having thus fully described my invention, what I claim as new, and desire to secure by Letters Patent of the United States, is—

1. A button consisting of two wings of flat metal of crescent shape arranged in a single plane with their points facing each other and a short distance apart connected together at the middle of their inner sides by a strip of flat metal bent or curved out of the plane of the wings and forming the shank of the button, substantially as described.

2. A button consisting of a head formed of two crescent wings of flat metal lying in the

same plane with their points toward each other, and a shank consisting of a strip of flat metal connecting the two wings at the middle of their inner sides, the shank being
5 bent or curved out of the plane of the wings, and the inner sides of the wings being cut away on each side of the shank on the curved lines extending outward from the side lines of the shank to the points of the wings, sub-
10 stantially as described.

3. The button herein described consisting of two crescent-shaped wings arranged in the same plane with their points toward each

other and their shanks connecting the wing at the middle of their inner sides, the shank 15 being bent out of the plane of the wings, and the inner sides of the wings being curved outward from the junction of the shank with the wings to the points of the wings, the whole being stamped, cut or otherwise formed of a 20 single piece of sheet metal, substantially as described.

JOHN W. TREADWELL.

Witnesses:

J. MATT. POUND,
R. H. THOMAS.