

(No Model.)

T. FAHEY.
BUTTON.

No. 537,969.

Patented Apr. 23, 1895.

Fig. 1.

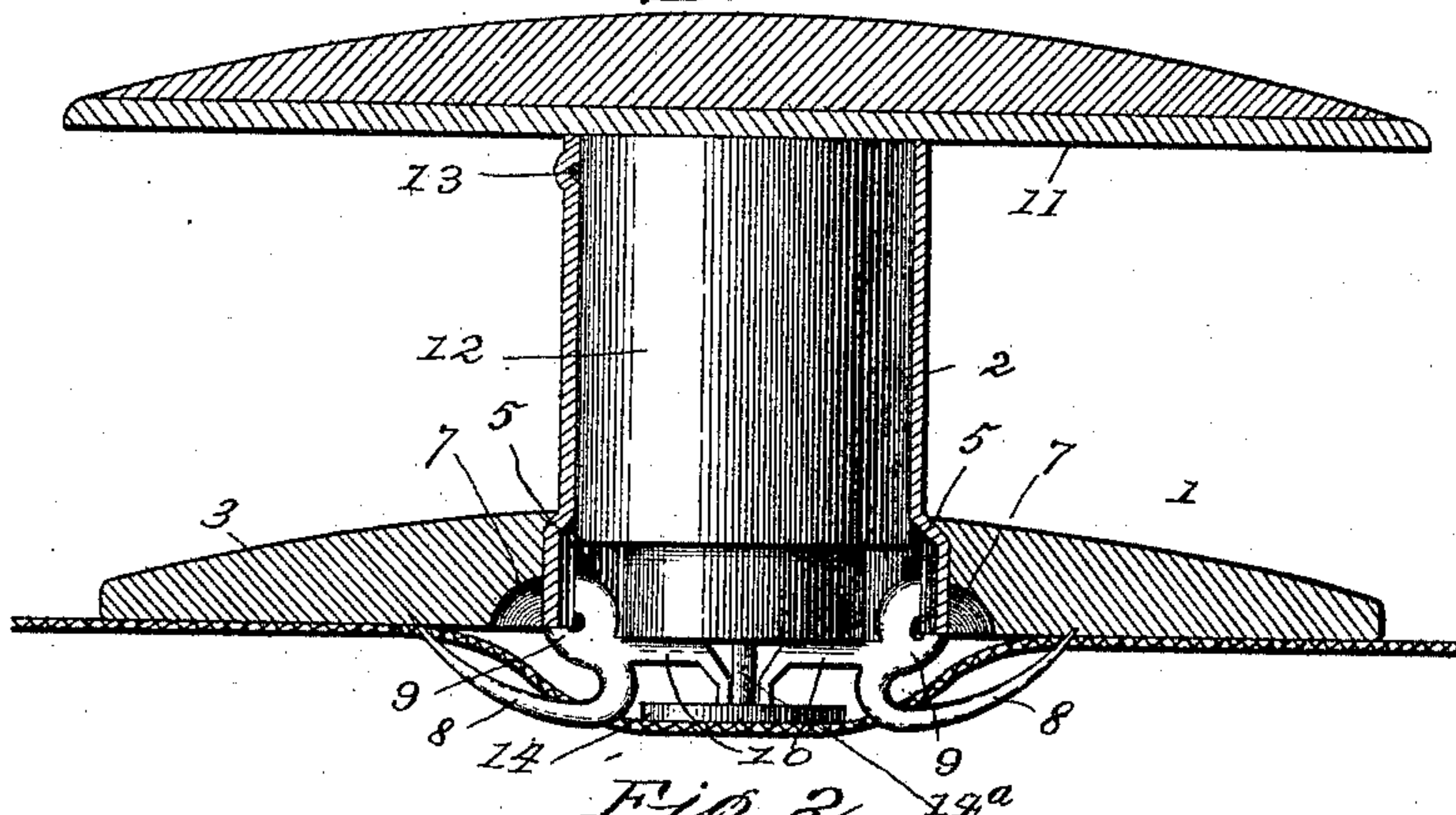


Fig. 2.

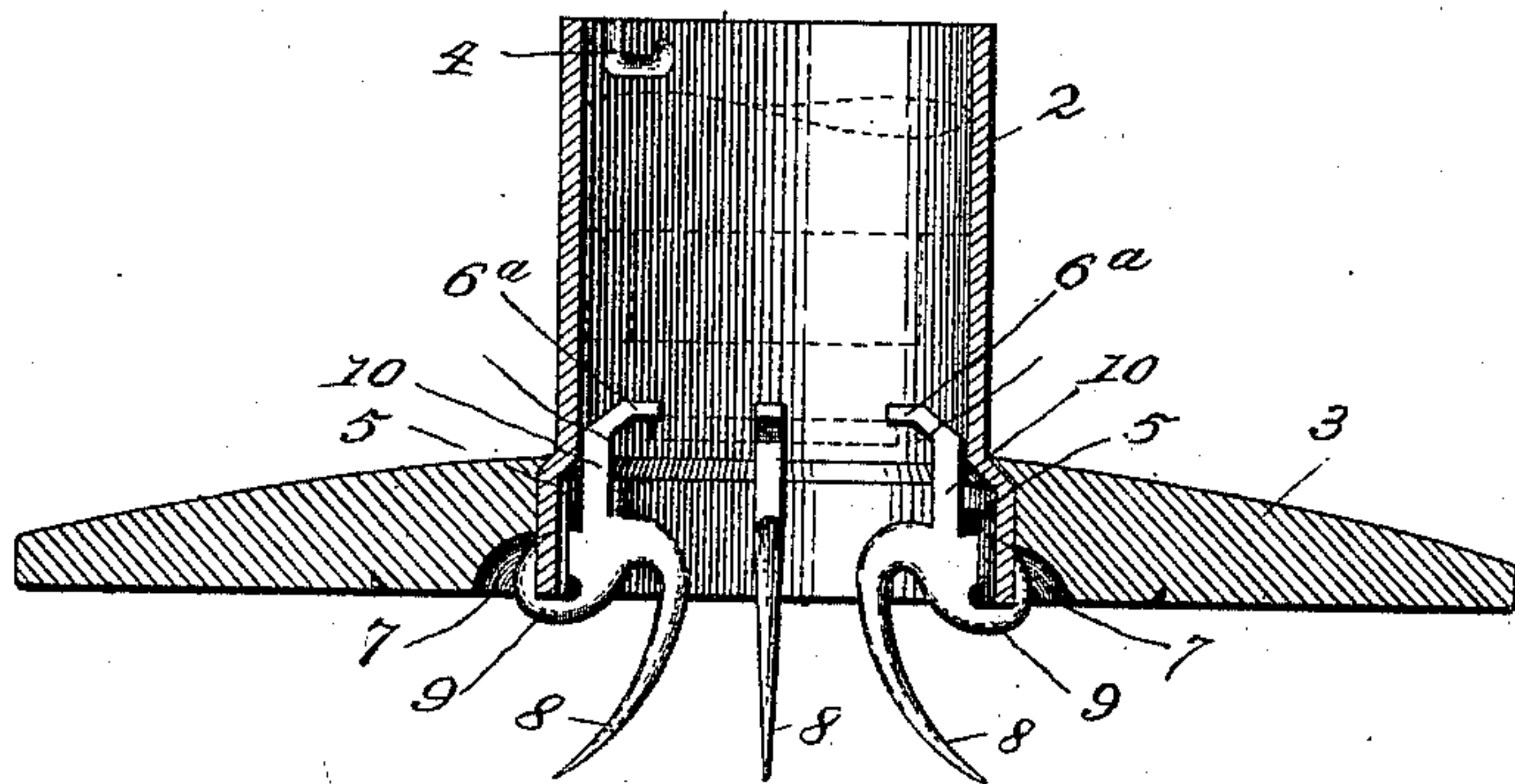
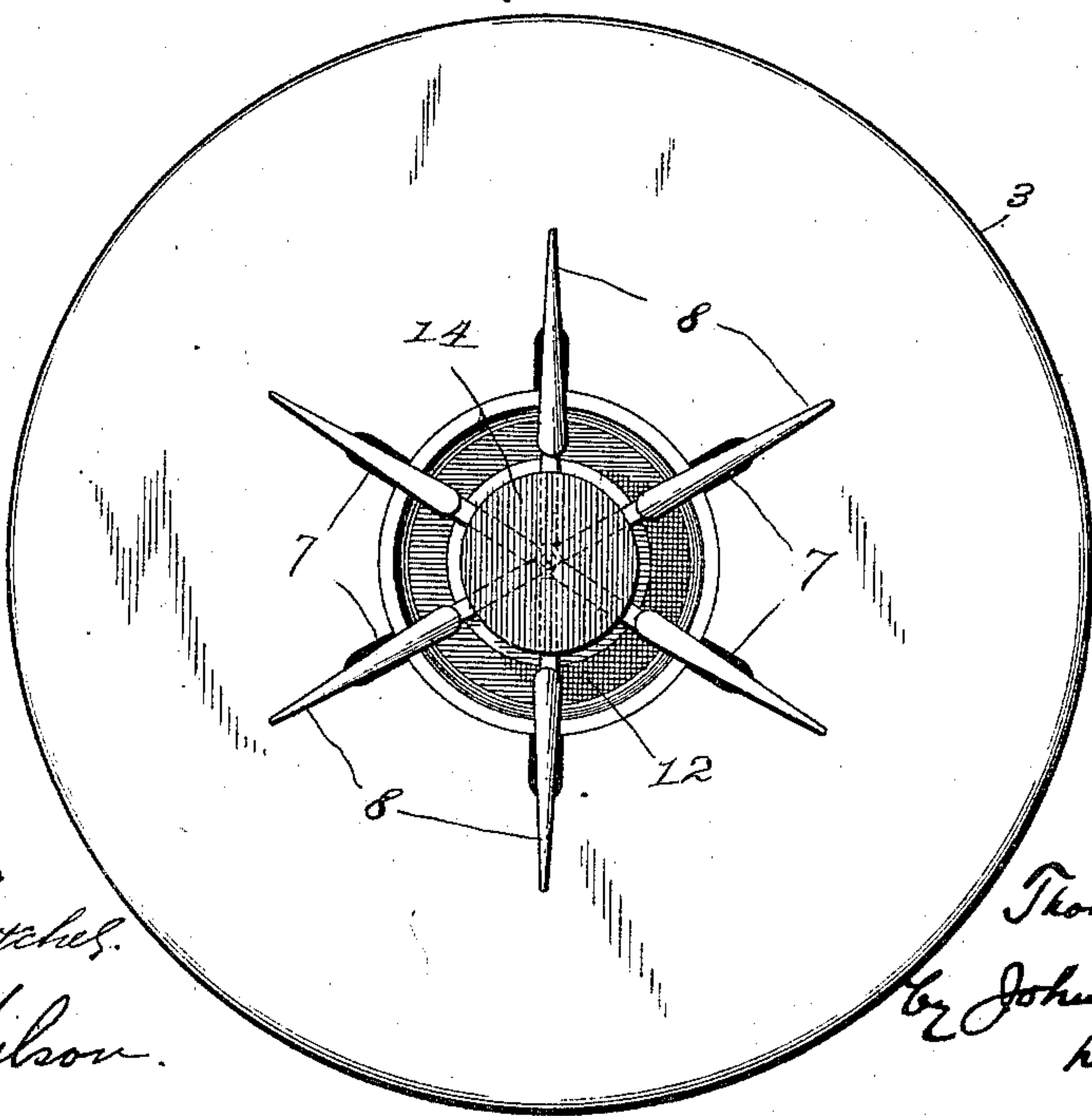


Fig. 3.



Witnesses
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UNITED STATES PATENT OFFICE

THOMAS FAHEY, OF SPOKANE, WASHINGTON.

BUTTON.

SPECIFICATION forming part of Letters Patent No. 537,969, dated April 23, 1895.

Application filed December 24, 1894. Serial No. 532,757. (No model.)

To all whom it may concern:

Be it known that I, THOMAS FAHEY, a citizen of the United States, residing at Spokane, in the county of Spokane and State of Washington, have invented certain new and useful Improvements in Buttons; and I do hereby declare the following to be a full, clear, and exact description of the invention, such as will enable others skilled in the art to which it appertains to make and use the same.

My invention relates to improvements in buttons, the object of the same being to provide a button which is adapted to be attached to cloth without sewing, which is firmly secured in place and which can be readily and easily removed.

The invention consists in a button made in two parts, the lower part of which is formed with an upper sleeve and an annular flange at the lower end thereof and a series of hooks pivotally mounted in the lower part of said sleeve, said hooks having projecting ends which are radially disposed in said opening. The upper portion of the sleeve is formed with a bayonet slot. The other part or head portion of the button consists essentially of a head proper having a shank adapted to fit the sleeve or other portion and formed with a projecting lug adapted to fit into the bayonet slot in said sleeve portion to form an adjustable connection therewith. The lower end of the shank engages the projecting ends of the hooks and when in place holds the said hooks firm against the lower edge of the button for engagement with the cloth to which the latter is attached. It further has a disk projecting from the lower end thereof, which engages the intumed ends of the hooks for the purpose of withdrawing the latter from the goods.

The invention is clearly illustrated in the accompanying drawings, in which—

Figure 1 represents a vertical longitudinal section through the button, the two parts being shown in the position they occupy when the same is attached to the cloth. Fig. 2 represents a similar section through the lower part of said button, showing the hooks thereof in the position they assume when disconnected from the cloth or fabric to which they are adapted to be attached. Fig. 3 represents

a plan view of the under side of the button with the upper part in place.

Similar reference-numerals indicate similar parts in the different views.

It will be seen on reference to the drawings, that the button is made in two parts, the lower portion 1 thereof being formed with a sleeve portion 2 and with an annular flange 3 projecting from the bottom thereof. The upper end of the sleeve portion 2 is formed with a bayonet slot 4, as clearly shown in Fig. 2. Around the lower end of the opening in the sleeve portion 2 are a series of slots 5, 5, and adjacent to the said slots are radial notches 7 in which move a series of hooks 8, 8, which are pivoted in a loop 9 in the slots 5, 5, in the sleeve. The said hooks have inwardly projecting extensions 10 which assume a position when the hooks are closed across the opening in the sleeve 2, and when the hooks are raised, rest against the inner surface of the sleeve 2. The said extensions are formed with intumed ends 6^a for a purpose which will appear.

The upper part of my button consists of a head 11 and a shank 12 depending therefrom, which is formed with a lug 13 which is adapted to engage the bayonet slot 4 in the upper part of the sleeve 2. It further has projecting from it a disk 14 which moves beneath and engages the intumed ends 6^a to remove the hooks 8 from the fabric, and the said shoulders also prevent the entire removal of the shank 12 from the sleeve 2.

The disk 14 may be applied to the end of the shank 12 during the manufacture of the button by driving its shank 14^a into the end of the shank 12 after the latter has been inserted in the sleeve, as shown in Fig. 1.

To apply my button, the two parts thereof are drawn apart, the disk 14 engaging the shoulders 6^a of the hook-extensions 10 and raising the hooks 8 on their pivots into a substantially vertical position. The said hooks are now inserted through the cloth or fabric to which the button is designed to be attached and the shank 12 forced down into its lower position in the sleeve 2, the lower end thereof engaging the projections 10 of the hooks and holding the outer ends of said hooks firmly

secured in the cloth. The shank is held from slipping from the sleeve 2 by means of the bayonet joint connection between the two parts. It is apparent, however, that if it is
5 desired to disconnect the parts it can be readily done in an obvious manner.

Having thus described the invention, what is claimed as new is—

1. A button made of two parts, the lower
10 part thereof being formed with a sleeve, hooks pivoted to the lower edge of said sleeve and having inwardly projecting ends, the head of said button being formed with a shank adapted to engage the inwardly projecting ends of
15 said hooks and means for adjustably connecting the two parts of said button together, substantially as and for the purposes described.

2. A button made of two parts, the lower
20 part thereof being formed with a sleeve with a bayonet joint groove in its upper end and with slots in its lower end, hooks pivoted to said sleeve in said slots having inwardly projecting ends, the upper part of said button being formed with a shank adapted to engage
25 the inwardly projecting ends of said hooks and having a peripheral lug thereon adapted

to engage the bayonet slot in said sleeve, substantially as and for the purpose described.

3. A button made in two parts, the lower
part thereof being formed with a sleeve with
30 a bayonet joint groove in its upper end and with slots in its lower end, hooks pivoted to said sleeve in said slots having inwardly projecting ends which are intumed, the upper part of said button being formed with a shank
35 adapted to engage the inwardly projecting ends of said hooks, having a peripheral lug thereon adapted to engage the bayonet slot of said groove, and a disk extending from the lower end of said shank moving beneath the
40 inwardly projecting ends of said hooks, and adapted to engage the same, substantially as and for the purpose described.

In testimony whereof I have signed this specification in the presence of two subscrib-
45 ing witnesses.

THOMAS FAHEY.

Witnesses:

P. F. QUINN,
TIMOTHY FAHEY.