

(No Model.)

G. W. FERGUSON.
GARMENT SUPPORTER.

No. 526,522.

Patented Sept. 25, 1894.

Fig 1.

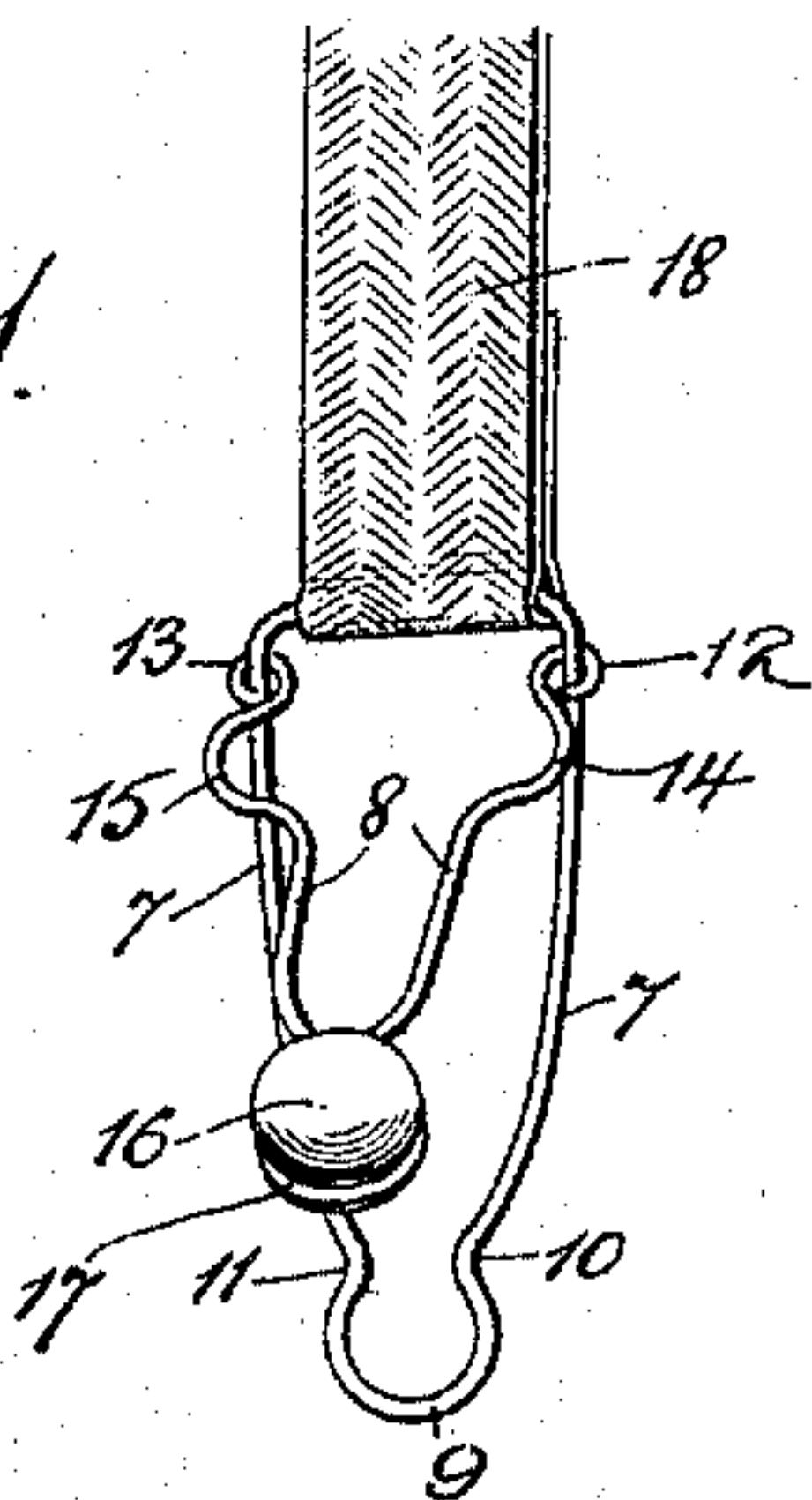


Fig 4.

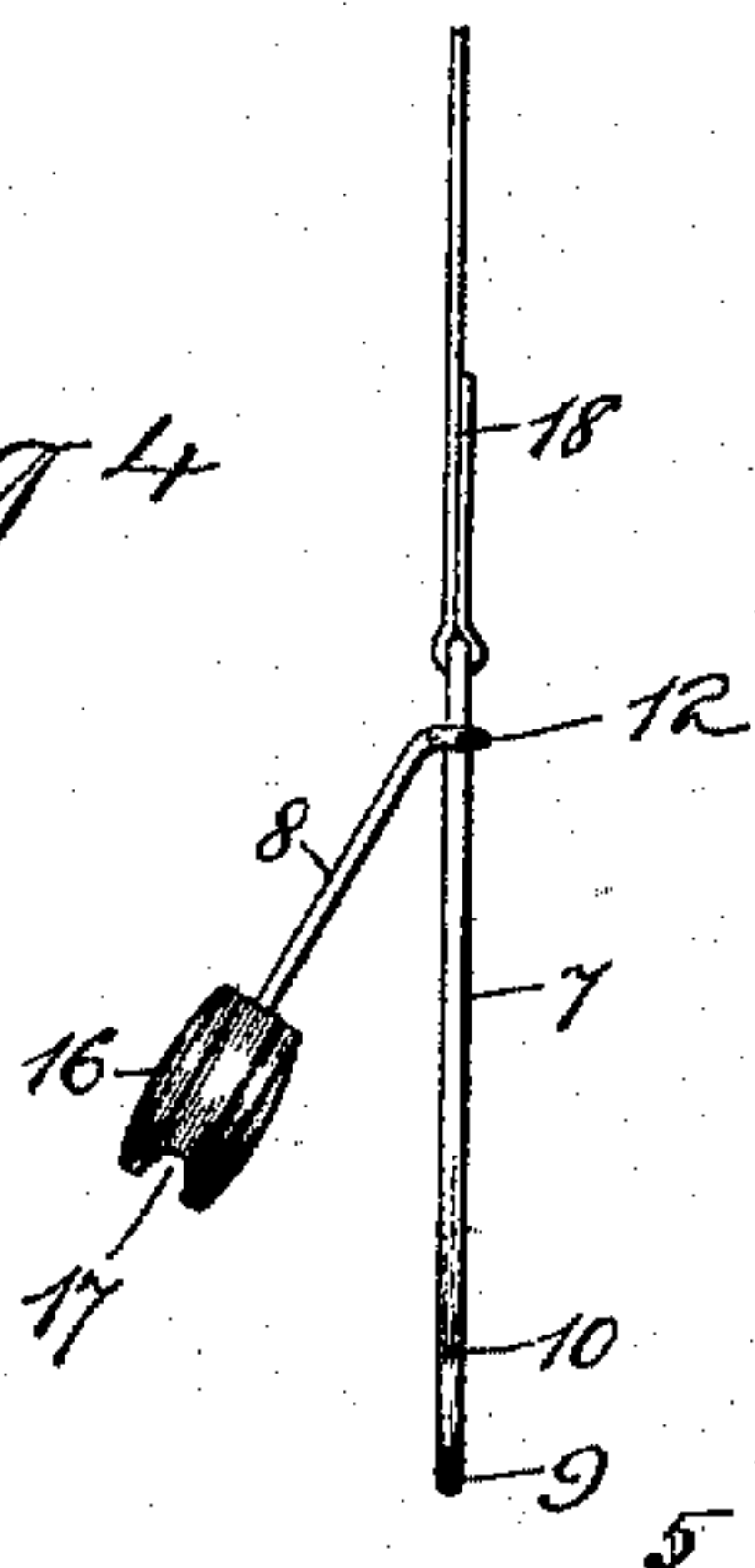


Fig 3.

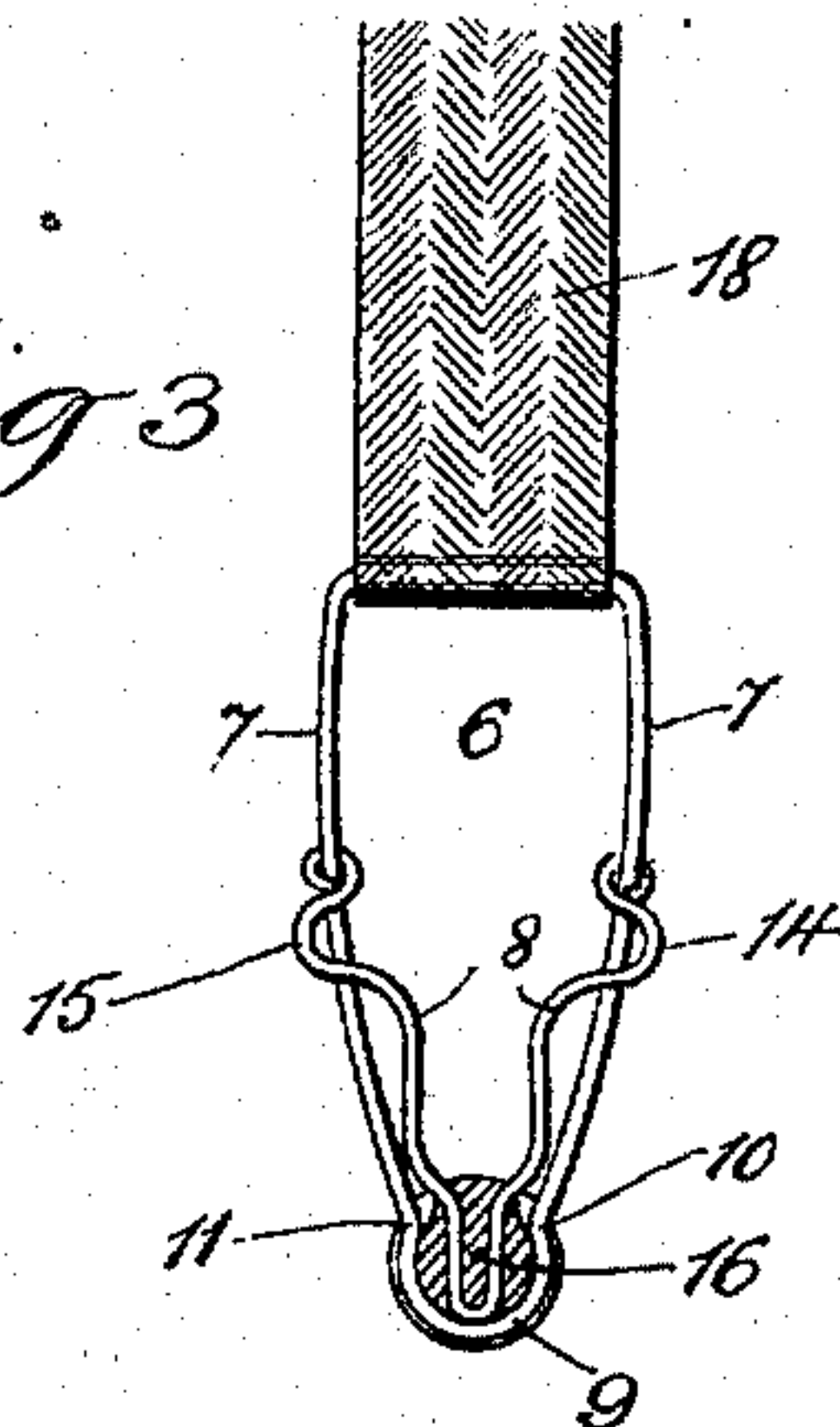


Fig 2.

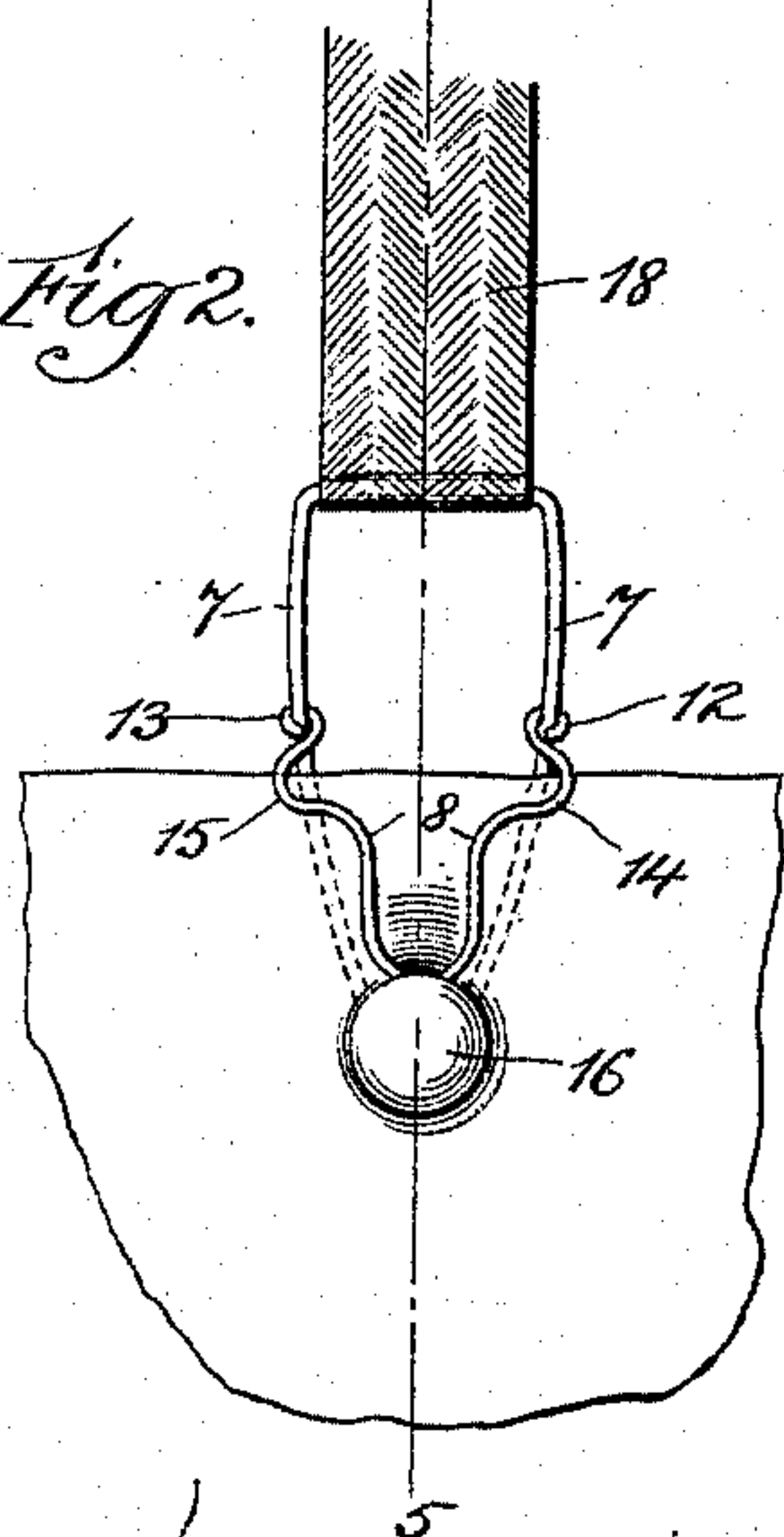
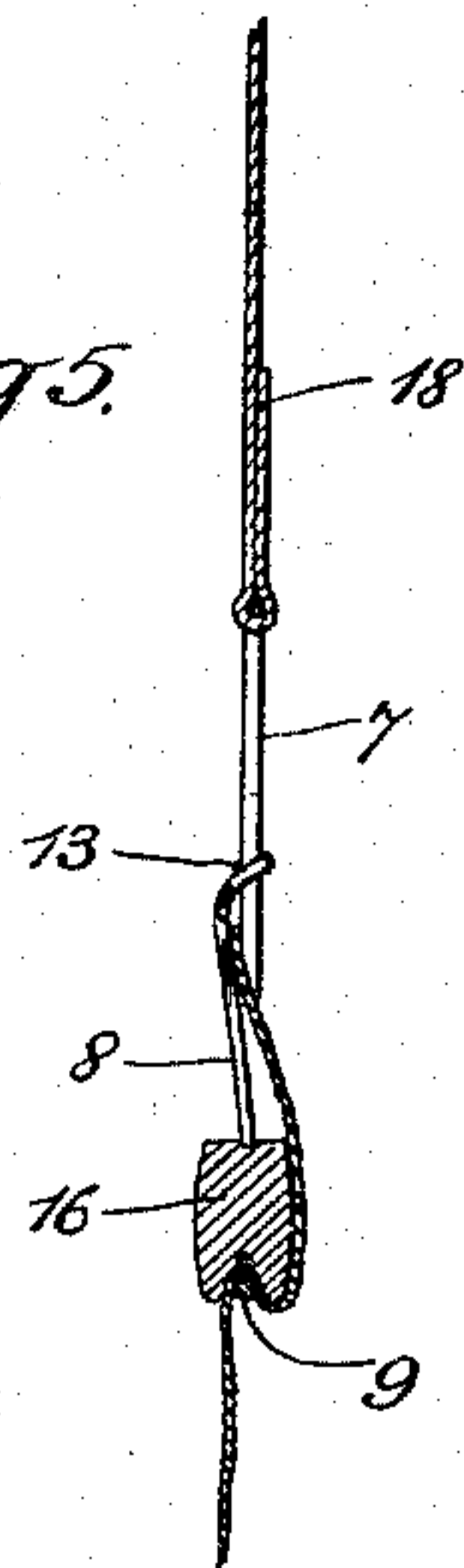


Fig 5.



Witnesses
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GARMENT-SUPPORTER.

SPECIFICATION forming part of Letters Patent No. 526,522, dated September 25, 1894.

Application filed February 28, 1893. Serial No. 464,119. (No model.)

To all whom it may concern:

Be it known that I, GEORGE W. FERGUSON, a citizen of the United States, residing at Plymouth, Sheboygan county, State of Wisconsin, have invented certain new and useful Improvements in Fasteners for Hose-Supporters, of which the following is a specification, reference being had to the accompanying drawings, in which—

Figure 1 is a perspective view showing the fastener open. Fig. 2 is a top or plan view showing the fastener closed and a piece of cloth secured by it. Fig. 3 is a top or plan view of the fastener showing it closed, the upper portion of the button being removed. Fig. 4 is a side elevation showing the fastener open; and Fig. 5 is a section on line 5—5 of Fig. 2.

My invention relates to fasteners adapted for use in connection with hose supporters or garters, and has for its object to provide a new and improved fastener which will hold the fabric securely and which will be so constructed as to avoid the danger of tearing it. This object I accomplish as hereinafter specified and as illustrated in the drawings.

That which I regard as new will be set forth in the claim.

In the drawings, 6 indicates the fastener, which is composed of a stationary frame 7, of wire or other suitable material, and a movable frame 8, also of wire or other suitable material. The stationary frame 7 is adapted to be secured to a web 18, as shown. The frame 7 is somewhat triangular in shape, being approximately an elongated equilateral triangle having its apex rounded to form a loop 9.

10, 11 indicate shoulders formed at the sides of the frame 7 near the loop 9. The sides of the frame 7 have sufficient elasticity to permit of the shoulders 10, 11 being slightly sprung apart, the object of which construction will be hereinafter set forth.

The movable frame 8 is secured at its rear ends to the sides of the frame 7, by loops 12, 13, as shown, by which construction it may be moved longitudinally of said frame. The loops 12, 13 are bent slightly out of the plane of the frame 8, as shown in Figs. 4 and 5, by which construction the frame 8 is held normally at an angle to the frame 7, but the elasticity of the frame 8 permits of its being

moved down into the plane of the frame 7, as shown in Fig. 5.

14 and 15 indicate shoulders formed on the sides of the frame 8 near the loops 12 and 13, which shoulders are adapted to engage the sides of the frame 7 when the frame 8 is pressed downward, and thereby limit the downward movement of the frame 8, as best shown in Fig. 3.

16 indicates a button, which is rigidly secured to the forward end of the frame 8 in any suitable manner. The button 16 is provided with a circumferential groove 17, which is adapted to receive the loop 9, as best shown in Figs. 3 and 5; the arrangement being such that the button 16 may be moved into the plane of the loop 9 and then moved forward between the shoulders 10 and 11 until the wire of the loop 9 fits into the groove 17. The shoulders 10 and 11 will be sprung slightly apart to permit of such forward movement of the button 16, but after the button is moved into contact with the loop 9 the shoulders 10 and 11 will spring back and hold it securely against accidental displacement.

The lateral shoulders 10 and 11 project toward each other and practically produce two loops in the frame 7, the upper enlarged one above the shoulders freely receiving the button and a part of the garment to be held, and the lower one, 9, accurately fitting the button and engaging a part of the garment when one of the frames is slid on the other, whereby the contracted loop 9 and the shoulders 10 and 11, effectually prevent the garment working loose when once adjusted. The distance between the shoulders 10 and 11 is but slightly greater than the smallest diameter of the button, by which means it is essential to exert extra force or pressure to insert the button into the loop 9, when a part of the garment is over the button, in which respect my improved fastener possesses advantages. When the button has passed the contracted neck formed by the shoulders 10 and 11, the garment slightly expands, so that considerable force is required to force the garment and button apart or loose.

In securing a garment, the shoulders 10 and 11, pass a line drawn diametrically in a horizontal plane through the button 16, and consequently the garment is clasped about

two-thirds, or more than half the circumference of the button, the shoulders firmly holding the garment past the center of the button, thus distributing the strain over a greater surface, and reducing the liability of the garment to tear.

The fabric to be secured is placed between the frames 7 and 8, the frame 8 then being in the position shown in Figs. 1 and 4. The frame 8 is then pressed down into the plane of the frame 7, and is then moved forward until the groove 17 of the button 16 receives the wire of the loop 9, as shown in Fig. 5. The button will then be securely held, thereby holding the fabric securely. The positions of the fabric and button are best shown in Figs. 2 and 5. By this construction the strain is not only distributed over the bottom of the button, but especially between points 10 and 11, where the garment is held between the button and frame 7, and consequently the danger of tearing is greatly reduced.

Although my improved fastener is designed

particularly for use with garters or hose supporters, it may be used for any other purpose to which it is adapted.

That which I claim as my invention, and desire to secure by Letters Patent, is—

A garment fastener, consisting of the open main frame 7 having a loop or eye 9 at its lower end, and inwardly projecting shoulders 10 and 11 forming a contracted neck, the open frame 8 slidable on the said main frame and having the outwardly projecting stop shoulders 14 and 15 adapted to strike the arms of the main frame, and a button 16 secured to the sliding frame and provided with a circumferential groove 17 into which the said loop or eye extends when the button-carrying frame is slid on the main frame to secure the garment, substantially as described.

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Witnesses:

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