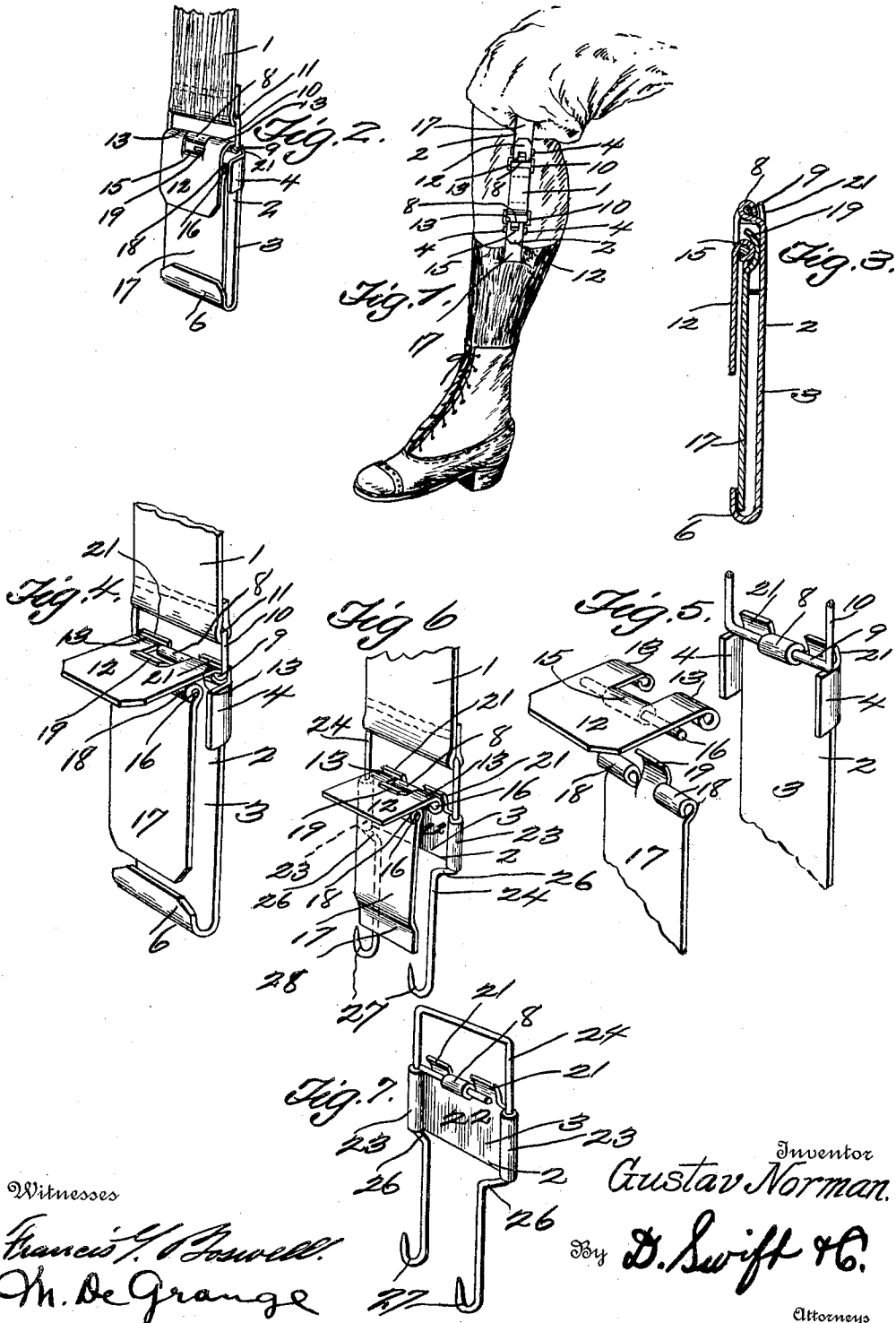


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GARTER.

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Patented July 22, 1913.



Witnesses

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GARTER.

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To all whom it may concern:

Be it known that I, GUSTAV NORMAN, a citizen of the United States, residing at Eureka, in the county of Humboldt and State of California, have invented a new and useful Garter; 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.

This invention relates to a new and useful garter, or garment fastener, and the object of the invention is the provision of a new and useful clamp or clasp carried by each end of the elastic garter.

Another object of the invention is to provide a clamp or clasp having a base clamping jaw having its outer extremity folded upon itself to receive the garment, and a pivotally mounted clamping jaw (which is pivoted to an auxiliary pivoted plate or lever) for clamping the garment to the base clamping jaw, and in the folded portion thereof. The auxiliary pivoted plate or lever is designed for the purpose of releasing or locking the clamping jaw into or out of position. Another object of the invention is to provide the base clamping jaw with side ears or flanges, between which the clamping jaw is positioned, when locked.

In this specification and the annexed drawings, a particular design of device is adhered to, but the invention is not to be confined to this specific design. The device in its actual reduction to practice may necessitate changes and variations, the right thereto belongs to the applicant, provided such changes and variations are comprehended by the appended claim.

In the drawings:—Figure 1 is a perspective view of the garter as applied to garments. Fig. 2 is a perspective view of the clamp or clasp upon a slightly enlarged scale. Fig. 3 is a longitudinal sectional view through one of the clamps or clasps. Fig. 4 is a detail perspective view showing one of the clamps or clasps opened, in order to show the detail structure thereof. Fig. 5 is a perspective view showing the parts of a clamp or clasp disassembled. Fig. 6 is a perspective view of a clamp or clasp, showing a slightly modified structure thereof, and further showing the parts of the clamp or clasp open. Fig. 7 is a detail perspective view of a portion of the clamp or clasp shown in Fig. 6.

As to the drawings, 1 represents a section of an elastic garter, which may be of any desired shape or length.

2 represents the clasp or clamp, which is carried by either end of the garter, in order to be connected to any two pieces of garments. This clamp comprises a base clamping jaw 3, having side flanges or ears 4. The forward portion of the base clamping jaw is folded upon itself, as shown at 5, to form the transverse recess 6, in which the garment is arranged, when being clamped. The rear portion of the base clamping jaw between the side flanges or ears is formed with a central roll 8 to receive one transverse portion 9 of the rectangular wire loop 10, the other transverse portion 11 of which is connected to the elastic garter, in the manner shown.

12 denotes an auxiliary pivotally mounted plate or lever, which is formed with two rolls 13, which also receive the transverse portion 9 of the wire loop 10. This plate or lever intermediate the rolls 13 is provided with a roll 15, which receives the pin 16.

17 represents the holding and releasing clamping jaw, which is formed with a pair of rolls 18, which receive the end portions of the pin 16, in order to pivotally mount the holding or releasing clamping jaw to the auxiliary pivoted plate or lever. Intermediate the rolls 18, the releasing and holding clamping jaw is provided with a tongue 19, which extends in the space between the rolls 13, and is bent at an angle to engage the auxiliary pivotally mounted plate 12, whereby the releasing or holding clamping jaw may be held approximately at right angles to the auxiliary pivotally mounted plate or lever, for instance, after the releasing or holding plate has been opened. By moving the free end of the auxiliary pivotally mounted plate or lever toward or from the base clamping jaw, the releasing or holding clamping jaw may be thrown opened or closed. When the auxiliary pivotally mounted plate or lever is drawn entirely open, the same is limited by means of the lugs 21 of the base clamping jaw. In Figs. 6 and 7, however, the base clamping jaw is slightly modified. For instance, this jaw comprises a plate 22, with which the central roll 8 and the lugs 21 are formed, the functions of which are the same as those of the similar parts in Figs. 1, 2, 3,

4 and 5. This plate 22 comprises the side rolls 23, which act the same as the side flanges or ears 4. These rolls 23 receive the side portions of the wire frame 24, which is of the shape as shown in Figs. 6 and 7. The rear portion of this wire frame is designed to be connected to the elastic garter, while the forward portions of the sides of this frame are arranged closer together than the rear side portions thereof, in order to form the shoulders 26, which assist in preventing displacement of the plate 22. The extremities of the side portions of the wire frame are bent or folded upon themselves, as shown at 27, in order to receive the garment. These extremities are also pointed, sufficiently to penetrate the garment, in order to attain the proper desired connection between the clamp and the garment. In this modified structure of clamp the releasing and holding jaw at its extreme free end portion, is supplied with a portion 28, which is bent toward the base clamping jaw, in order that the releasing and holding jaw may be more readily received by the folded portions of the base clamping jaw.

From the foregoing, it will be readily seen that a novel clasp or clamp for connecting one garment to another, by means of an elastic garter intermediate two of such clasps or clamps, is provided. It will be further seen that by manipulating the auxiliary pivotally mounted plate or lever, the releasing or holding jaw may be opened or closed.

The invention having been set forth, what is claimed as new and useful is:—

In a device as set forth; a base clamping jaw, consisting of a transverse portion with

side flanges, one upon each side, and provided with spring lugs upon its upper edge, said transverse portion including a roll, a pivot pin arranged in said roll intermediate said spring lugs, said base clamping jaw having an upturned portion at its lower end; an auxiliary plate having a pair of rolls to receive the pivot pin of the roll of the transverse portion for pivoting the auxiliary plate, the auxiliary plate having a space between said pair of rolls and provided with an additional roll adjoining the crotch of said space, said additional roll of the auxiliary plate having a pivot pin; a releasing and holding jaw provided with a pair of rolls to receive the pin of the auxiliary plate, and having a spring tongue intermediate said rolls adapted to frictionally engage the additional roll of the auxiliary plate to hold the lower end of the releasing and holding jaw against the upturned hooked portion of the base clamping jaw, said spring lugs of the transverse portion adapted to frictionally engage the pair of rolls of the auxiliary plate to assist in holding the releasing and holding jaw against the upturned hooked portion, said auxiliary plate adapted to be thrown upwardly to draw the releasing and holding jaw upwardly and out of engagement with the upturned hooked portion of the base clamping jaw.

In testimony whereof I have signed my name to this specification in the presence of two subscribing witnesses.

GUSTAV NORMAN.

Witnesses:

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