

(No Model.)

J. A. RUTH.

FASTENER FOR PLACKETS OF GARMENTS.

No. 538,846.

Patented May 7, 1895.

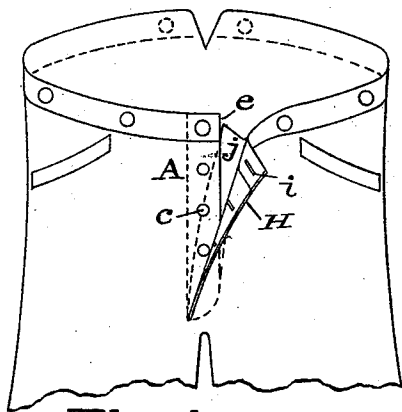


Fig. 1.

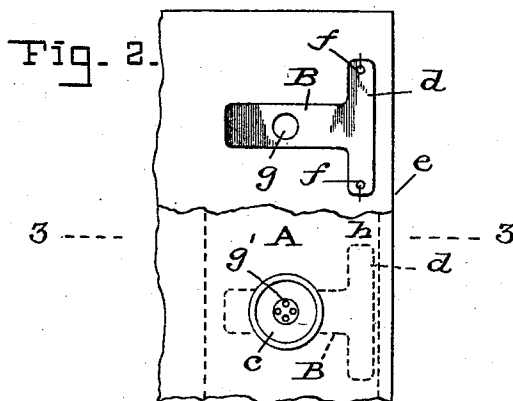


Fig. 2.

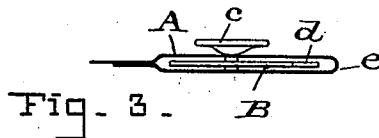


Fig. 3.

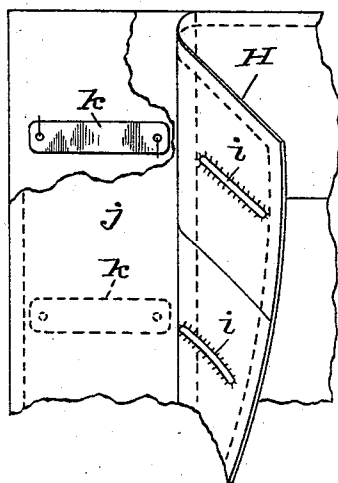


Fig. 4.

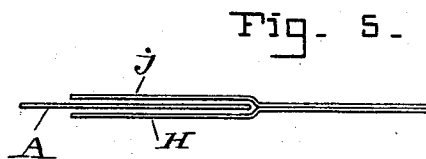


Fig. 5.

WITNESSES : -

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# UNITED STATES PATENT OFFICE.

JOHN ANTHONY RUTH, OF BALTIMORE, MARYLAND.

## FASTENER FOR PLACKETS OF GARMENTS.

SPECIFICATION forming part of Letters Patent No. 538,846, dated May 7, 1895.

Application filed March 8, 1895. Serial No. 541,063. (No model.)

*To all whom it may concern:*

Be it known that I, JOHN ANTHONY RUTH, a citizen of the United States, residing at Baltimore, in the State of Maryland, have invented certain new and useful Improvements in Fasteners for Placket-Openings of Garments, of which the following is a specification.

This invention relates to an improved construction in fasteners for the placket openings of garments.

The object is to provide improved means which will insure that the meeting sides or edges of placket-openings when fastened by buttons will be tightly or closely secured together.

The nature of the invention is illustrated in the accompanying drawings, in which the improvement is shown applied to the placket opening of a pair of trousers.

Figure 1 is a view showing the upper part of a pair of trousers with the "fly" or placket open. Fig. 2 is a detail of the button side of the opening. Fig. 3 is a cross-section of same on the line 3 3. Fig. 4 is a detail of the button-hole side of the opening. Fig. 5 is a top view of the two parts of the garment-opening, showing their interlaced position when secured together.

The button side, A, of the garment placket opening has a number of thin metal T-shaped plates, B, one under or at the base of each button, c. These plates have their cross-bars, d, extending vertically and parallel with the edge, e, of the said side, A, of the opening. Each end of the cross bar has a small hole, f, for thread which is stitched through to attach it to the material of the garment. The horizontal bar has an opening, g, immediately over which the shank-holes, g', of the button have position and the thread stitches which are to hold the button pass through said opening, g, in the plate and into the material of the garment. Thus the stitches which hold the button also retain the metal plates. A space, h, on the garment material intervenes between the adjacent ends of two cross-bars, d, and allows of a certain amount of flexibility to the button side, A. These metal plates form stiff sections for the button side, A, and the cloth between them forms flexible spaces. Thus alternate stiff and flexible spaces are along the

button side, A, and said sections prevent bagging open or sagging open of the placket when the two sides, A, H, are connected together.

Fig. 2 shows one plate wholly exposed to view, and another plate concealed by the cloth or material covering it,—it being understood that these plates are between two thicknesses of cloth as seen in Fig. 3.

By making the plates T-shaped and placing them as shown, the desired stiffness is secured vertically along the edge, e, and at the same time ample flexibility is secured in the material immediately above and below each button to enable the said button to be inserted in its hole, i, at the button-hole side, H.

The button-hole side, H, of the placket opening has the usual button-holes, i, to take on the buttons, c, of the other side, and also has an inner-lapping flap, j, which takes under or on the inner surface of the side, A, as shown in Fig. 5. This inner flap, j, and the usual outer button-hole flap, H, comprise a double flap between which the button side, A, enters, as shown. The inner flap, j, is provided with thin metal cross-bars, k, which are parallel to each other at intervals. These serve to keep the flap projected on the inner surface. This construction will cause the two sides of the placket opening to fit together in close contact and will prevent the lapped sides from sagging open, and keep the person warm. Its advantages are evident.

The material of the plates is not limited to metal, as they may be made of celluloid, bone, hard rubber or other suitable material.

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

1. A garment having a placket opening one side of which is provided with T-shaped plates, the cross-bars, d, of which extend parallel with the edge, e, of said side and the other bar of the plates having an opening, g, and with a button over each plate secured by thread stitches passed through the shank-holes of the button and also through the said opening in the plate; and the opposite side of the placket provided with button-holes to engage with said buttons.

2. A garment having a placket-opening provided at one side with buttons and a number

- of thin plates—one under each button—and with flexible spaces between the said plates; and the other side of the placket-opening having button-holes to engage with said buttons  
 5 and provided with an inner-lapping flap, *j*, having cross-bars parallel with each other and said flap forming with the button-hole side a double-flap between which the said button-side is adapted to enter, as set forth.
- 10 3. A garment having a placket-opening one side of which is provided with buttons and T-shaped plates the cross-bar, *d*, of which latter extends parallel with the edge, *e*, of said side; and the opposite side of the placket-
- 15 opening provided with button-holes and with inner-lapping flap, *j*, as and for the purpose set forth.

4. A garment having a placket-opening one side of which is provided with T-shaped plates, the cross-bars, *d*, of which extend parallel with the edge, *e*, of said side and the other bar of the plates having an opening, *g*, and with a button over each plate secured by thread stitches passed through the shank-holes of the button and also through the said opening in the plate; and the opposite side of the placket provided with an inner-lapping flap, *j*, as and for the purpose set forth.

In testimony whereof I affix my signature in the presence of two witnesses.

JOHN ANTHONY RUTH.

Witnesses:

CHARLES B. MANN, Jr.,  
 C. CALVERT HINES.