No. 867,864. PATENTED OCT. 8, 1907.

F. G. WRIGHT.

GARMENT FASTENER.

APPLICATION FILED NOV. 14, 1906.

2 SHEETS—SHEET 1.

Fig. 1.

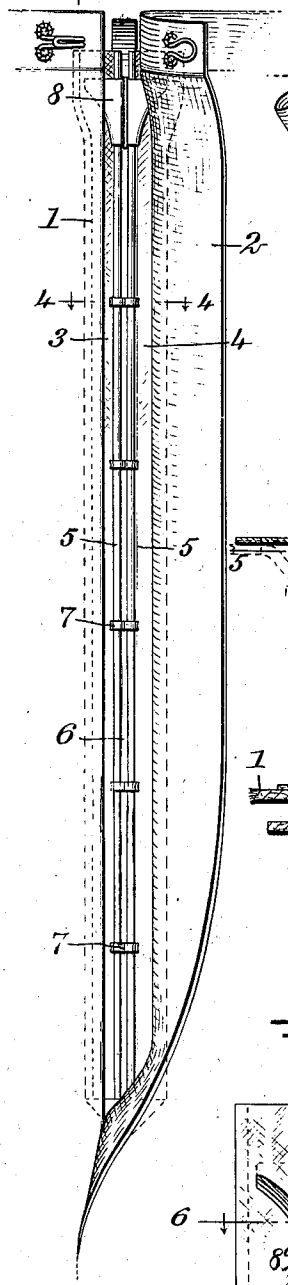


Fig. 2.

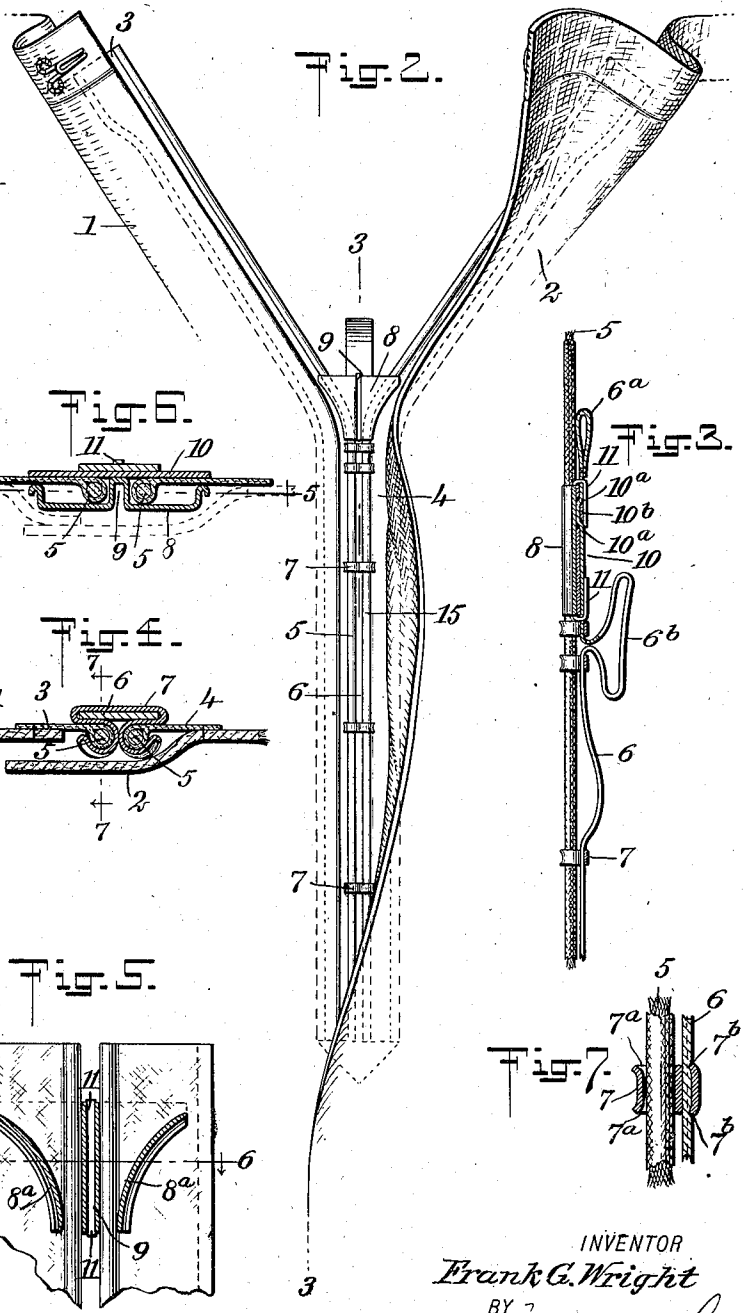


Fig. 6.

Fig. 4.

Fig. 3.

Fig. 5.

Fig. 7.

WITNESSES

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2 SHEETS—SHEET 2.

Fig. 8.

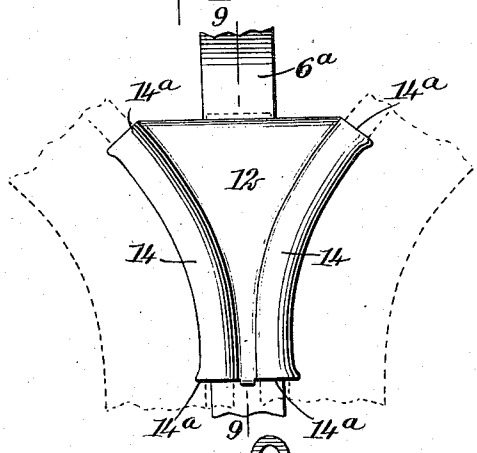


Fig. 9.

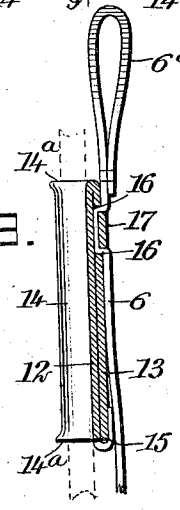
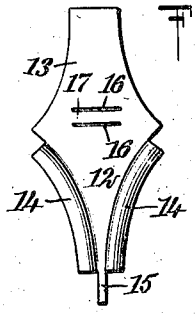


Fig. 10.



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FRANK G. WRIGHT, OF NEW YORK, N. Y.

GARMENT-FASTENER.

No. 867,864. Specification of Letters Patent. Patented Oct. 8, 1907.

Application filed November 14, 1906. Serial No. 343,361.

To all whom it may concern:

Be it known that I, FRANK G. WRIGHT, a citizen of the United States, and a resident of the city of New York, borough of Brooklyn, in the county of Kings and State of New York, have invented a new and Improved Garment-Fastener, of which the following is a full, clear, and exact description.

This invention relates to means for closing a placket or opening in an article of wearing apparel, and while it is adapted for various uses, such as on shoes, gloves, corsets and other articles of apparel, it is especially adapted to be used for closing the flaps of the placket of a woman's skirt, and has for its object to securely hold together the flaps of a placket when in use and to enable the flaps to be readily separated when desired.

Other objects relating to the specific construction and special arrangement of the several parts of my invention will be understood by the following description and the accompanying drawings, in which drawings like characters of reference indicate like parts throughout the views, and in which

Figure 1 is a front elevation of a device embodying my invention applied to a skirt, showing the flaps of a skirt closed together; Fig. 2 is a similar view of the device shown in Fig. 1 showing the flaps of the placket partly separated; Fig. 3 is a vertical longitudinal section taken on the line 3—3 of Fig. 2; Fig. 4 is a transverse section of the device taken on the line 4—4 of Fig. 1; Fig. 5 is a vertical transverse section taken on the line 5—5 of Fig. 6; Fig. 6 is a horizontal section taken on the line 6—6 of Fig. 5; Fig. 7 is a vertical transverse section taken on the line 7—7 of Fig. 4; Fig. 8 is a front elevation of a guide plate showing a modification of my invention; Fig. 9 is a vertical section taken on the line 9—9 of Fig. 8; and Fig. 10 is a plan of a guide blank shown in Figs. 8 and 9.

As illustrated in the drawings, the edges of the flaps 1 and 2 of a skirt are provided with auxiliary flaps 3 and 4 respectively. The edges of the auxiliary flaps 3 and 4 are provided with flexible ribs of any suitable construction, preferably consisting of cords 5 looped into the auxiliary flaps 3 and 4 by binding the edges of said flaps over on themselves, or by otherwise securing said ribs to the auxiliary flaps or to the main flaps of the garment. The flaps of the placket are held together when in use by means of a retaining member, consisting of a flexible strip 6 provided with clasps 7 secured thereto at such intervals as may be desired. The clasps 7 are preferably constructed of a blank having its ends turned inward to form a loop adapted to clasp the strip 6, and then turned outward to form clasps adapted to engage the ribs 5, as shown in Fig. 4. The edges of the clasps are flared outwardly, as indicated by 7^a in Fig. 7, so as not to bind on or tear the covering of the ribs 5 when the device is in use. The edges of the back portion of the clasp are bent inward so as to clamp the flexible strip 6, as indicated by 7^b in Fig. 7. The lower end of the closing strip 6 is secured to the skirt at the junction of the flaps in any suitable manner, and is otherwise free from engagement with said flaps except as it is connected therewith by means of the clasps 7. The upper end of the strip 6 is provided with a guide plate 8 having guide ways 8^a, as shown in Fig. 5. These guide ways are independent of each other, and are separated by means of an intervening depression or partition 9 so as to keep the rib of one flap from rubbing against the rib of the oppositely disposed flap when the device is in use. The curved guide-ways 8^a and partition 9 form laterally flaring recesses adapted to receive the cords 5 or edges of the placket opening, and permit said cords to extend vertically therein, as shown in Fig. 5, when the placket is closed, or to bear against the guide-ways 8^a, as shown in Fig. 2, when the placket is being opened.

In the construction shown in Figs. 4, 5 and 6, the guide plate is made in two sections; a front section 8, composing the guide plate proper, and a rear section 10, forming a backing for said plate. The front and back sections of the guide plate are attached to the flexible strip 6 in any suitable manner, as by means of lips 11 formed on the upper and lower portions of the front plate, which extend around the back plate and are clenched onto the back of the strip 6, as shown in Fig. 3. The upper end of the strip 6 is preferably secured to the back of the guide plate by means of slits 10^a formed in said back, and a clamping strip 10^b intermediate said slits. The end of the strip when passed through said slits is pressed inward by the clamping strip 10^b, thereby securing the strip securely to the back of the guide plate. The end of the strip is turned over on itself and bound to the body of the strip so as to form a finger loop 6^a, by means of which the guide plate may be drawn along the flexible ribs 5.

When the device is in operation and the flaps of the placket are closed, the parts are arranged as shown in Fig. 1. The flaps of the placket when separated from each other cause the guide plate 8 to slide downward on the flexible ribs 5, as shown in Fig. 2. As the guide plate is moved downward on said ribs and the flaps of the placket are separated, the strip 6 forms loops 6^b, as shown in Fig. 3. By drawing the ends of the flaps away from each other the guide plate is drawn down to the lower ends of the flaps, thereby enabling the placket to be entirely opened.

I do not desire to be limited to the construction of guide plate hereinbefore described, and in most instances I prefer to construct the guide plates of a single blank shown in Fig. 10 adapted to be bent over onto itself so as to form a front plate 12 and a back plate 13, the front plate having oppositely disposed curved guide ways 14 formed thereon, and a lip 15 adapted to be doubled over onto the end of the back section and hold said sections together, as illustrated in Fig. 9. The

back section 13 is preferably provided with oppositely disposed slots 16 forming an intermediate clamping strip 17 adapted to clamp the flexible strip 6 when passed through said slots, as shown in Fig. 9. The ends 14ª of the guideways are flared outward, as shown in Fig. 8, so as to prevent said ends from binding on or tearing the covering of the flexible ribs formed on the edges of the placket flaps.

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

1. A guide plate for a placket closure, having a front plate provided with oppositely disposed curved guideways spaced from each other, curved in cross section and provided with flaring ends, and a back plate formed integral with the front plate and provided with means for securing the free edge of the back plate on the free edge of the front plate.

2. A guide plate for a placket closure, having a front plate provided with oppositely disposed curved guideways, curved in cross section and provided with flaring ends, and a back plate formed integral with the front plate and provided with oppositely disposed slots forming an intermediate clamping plate adapted to be secured to a closing strip.

3. A closing member for a placket opening, consisting of a flexible strip adapted to overlap the edges of the opening, and provided with clasps having a sliding engagement with said edges, and a guide plate secured to said strip and provided with recesses flaring laterally from the lower portion of said guide plate adapted to receive the edges of said opening.

4. The combination with a flexible strip provided with clasps having a lateral opening, and a guide plate secured to said strip provided with curved guide-ways and recesses flaring laterally from the lower portion of said guide plate.

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

FRANK G. WRIGHT.

Witnesses:
ROBERT W. MARDIE,
WM. CARSON.