No. 896,689. PATENTED AUG. 18, 1908.

F. CANFIELD.

SKIRT PLACKET.

APPLICATION FILED APR. 16, 1907.

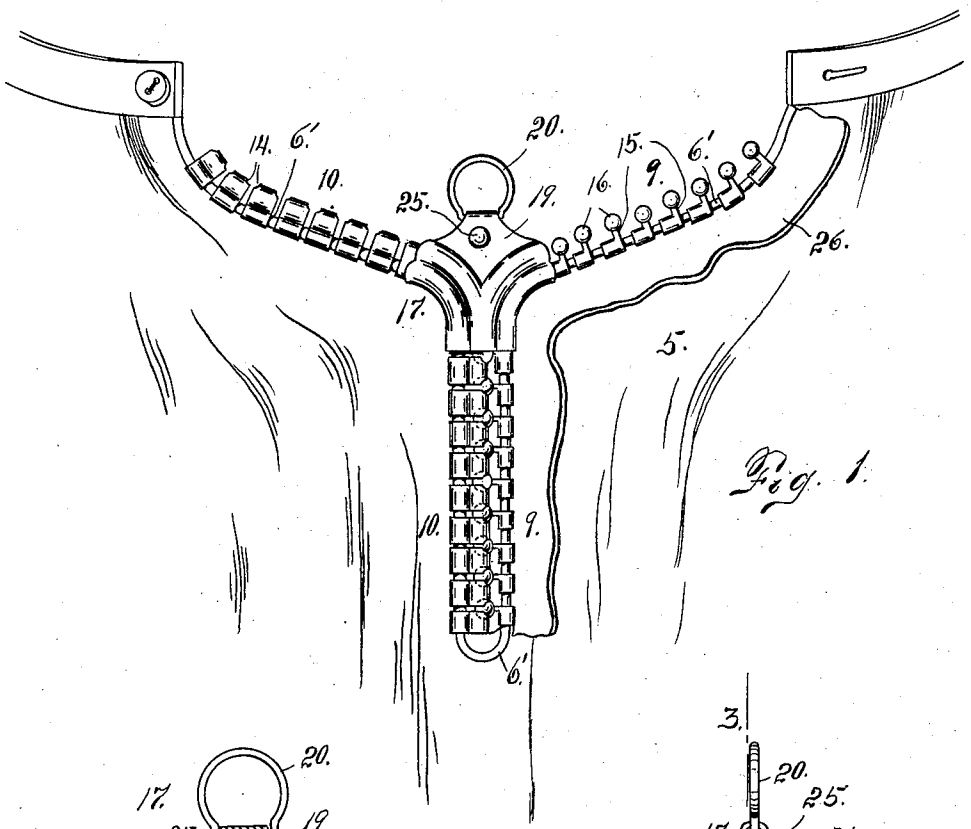


Fig. 1.

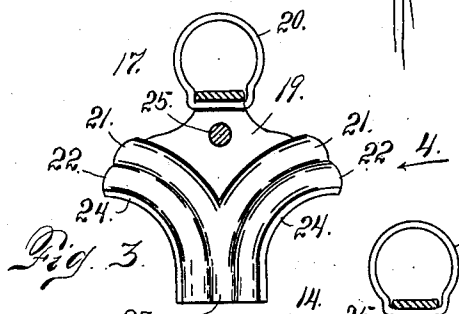


Fig. 3.

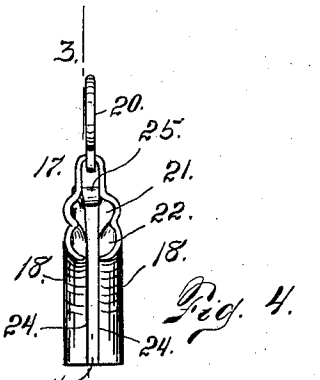


Fig. 4.

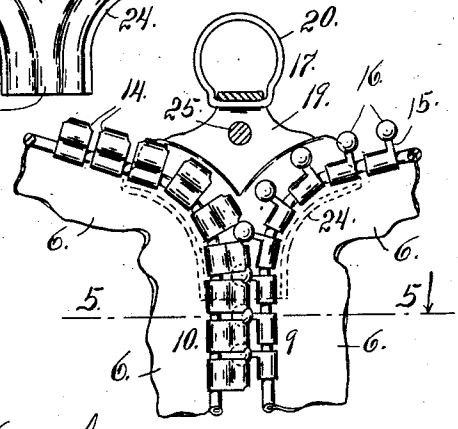


Fig. 2.

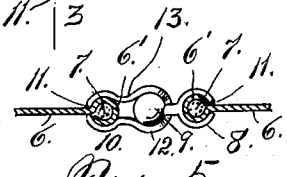


Fig. 5.

Witnesses

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UNITED STATES PATENT OFFICE.

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SKIRT-PLACKET.

No. 896,689. Specification of Letters Patent. Patented Aug. 18, 1908.

Application filed April 16, 1907. Serial No. 368,479.

To all whom it may concern:

Be it known that I, FRANK CANFIELD, a citizen of the United States, residing at the city and county of Denver and State of Colorado, have invented certain new and useful Improvements in Skirt-Plackets; and I do 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, reference being had to the accompanying drawings, and to the letters and figures of reference marked thereon, which form a part of this specification.

My invention relates to improvements in means for fastening ladies skirt plackets.

The invention consists of ball and socket devices which are adapted to pass through a guide and interlock, thereby closing and locking the placket.

Having briefly outlined my improved construction, I will proceed to describe the same in detail reference being made to the accompanying drawing in which is illustrated an embodiment thereof.

In this drawing, Figure 1 is a view showing the device applied to a dress skirt with the placket half open. Fig. 2 is a detail view showing the guide section. Fig. 3 is a section taken on line 3—3 of Fig. 4. Fig. 4 is an edge view of the guide taken in the direction of the arrow shown in Fig. 3. Fig. 5 is an enlarged detail view of one of the ball and socket members in their locking position taken through the line 5—5 of Fig. 2.

The same reference characters indicate the same parts in all the views.

Let the numeral 5 designate a skirt having attached thereto my improved device. The tape or straps 6 are sewed or fastened to the skirt in any suitable manner and running the entire length, and surrounded by the edges 6′ of the said tapes or straps, are the flexible cords 7 which form shoulders for the cylindrical clamping portions 8 of the ball members 9 and the pocket or socket members 10. Said portions 8 are slotted at 11 as shown in Fig. 5 to enable them to be slipped over the edge 6′ and clamped thereon. The portions 8 of the members 10 terminate into pocket or socket parts 12, the two parts being connected by the reduced or neck part 13. Each extremity of the part 12 comprises a pocket or socket for the reception of one half of a ball, or in other words the members are so located on the tapes or straps, that their adjacent extremities, or the extremities of each member and the adjacent extremity of the next member, together form a pocket for one ball. Each extremity or pocket part has a recess or cutaway portion 14 to allow the ball to be readily slipped into and out of said pockets. At the upper extremity of the members 9 are formed projections 15 terminating into balls 16 which are adapted to enter and be locked in the pockets of the members 10. The members 9 and 10 are arranged on the straps 6 on opposite sides of the placket, and during the locking and unlocking operation they are adapted to pass through a guide member 17. Said member is made of one piece but has duplicate parts 18 connected by the neck 19. When the member is assembled to form a guide, the neck is adapted to receive a ring or handle 20, and the parts 18 are adjacent one another so that the grooves 21, 22 and 23 form channels through which the members 9 and 10 pass or operate. There are two sets of channels 21 and 22, one on each side of the guide. The channels 21 converge toward the center and downwardly terminating into one channel 23, which is formed in the lower extremity of said guide member 17 between the channels 22. The edges 24 of said guide member are separated enough to allow the straps or tapes 6 to pass freely therethrough, said edges being held in this position by means of the stud or pin 25.

When the entire device is assembled, the ball members 9 are passed through one set of channels 21 and 22, the balls occupying the channel 21, while the clamping portions of said members occupy channel 22; in the same manner the pocket or socket members occupy the other set of channels 21 and 22, and the tapes or straps to which the members 9 and 10 are attached, extend through the edges 24 of the parts 18. As the guide is pulled upward, the ball and socket members pass through the channels 21 and 22 and interlock in the channel 23. As the members enter channel 23 the adjacent extremities of the pocket members 10 open just enough to allow the balls to enter said pockets and be locked therein. When the guide member

reaches the top of the tapes or straps it is fastened in any suitable manner to the band of the skirt, thereby keeping the placket closed; when it is desired to open the placket the guide is released from said band and by pulling on the upper extremity of the tapes or straps the members 9 and 10 pass through said guide in the opposite direction and are unlocked. After the placket has been closed, the flap 26 is adapted to be folded over to cover my device.

It must be understood that this device can be applied to various things as: portières, gloves and blankets, and that the construction herein described may be varied without departing from the spirit of my invention as defined by the appended claims.

Claims of sufficient scope to include the construction described and claimed in this application, are contained in my later application entitled "Improvements in separable fasteners" Serial No. 424263, filed March 30, 1908.

Having thus described my invention, what I claim is:

1. A pair of flexible devices provided with ball and pocket members, and a guide, said members arranged to interlock when passed through said guide, substantially as described.

2. A device of the class described, comprising a guide, a pair of straps, ball members mounted on one of said straps and pocket members mounted on the other strap, said ball members adapted to enter the pocket members and be locked thereby as they are passed through said guide.

3. A device of the class described, comprising a guide, male and female members, said members having ball projections and pockets therefor, said guide having arranged therein suitable channels whereby the male and female members interlock as they pass therethrough.

4. A device of the class described, comprising a guide, a pair of straps, ball members mounted on one of said straps and pocket members on the other strap, said ball members adapted to enter the pocket members and to be locked thereby as they are passed through said guide, and said pocket members being provided with recesses for the easy insertion and removal of the ball members substantially as described.

5. A pair of flexible devices provided with ball and pocket members and adapted to be fastened to the placket of a dress skirt, and a suitable guide therefor, slidably mounted upon said flexible devices, said members being arranged to engage and disengage as the guide is moved in opposite directions along said flexible members.

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

FRANK CANFIELD.

Witnesses:
DENA NELSON,
MAY GAWLEY.