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DETACHABLE TAPE ADJUSTER FOR PAJAMAS

Filed July 15, 1930

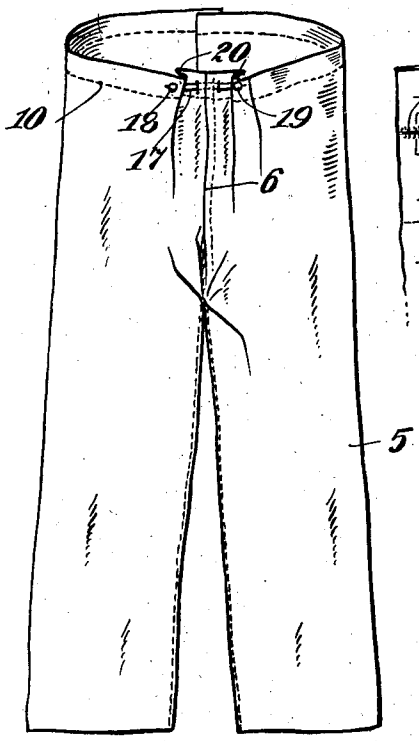


Fig. 1.

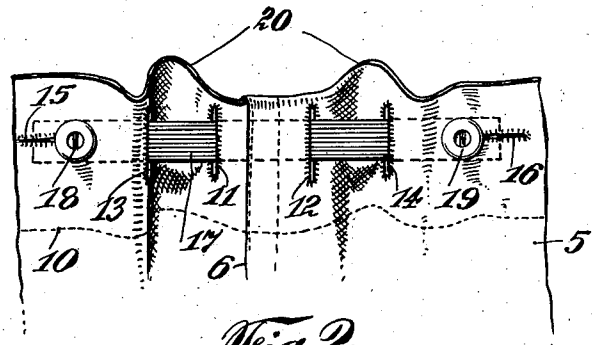


Fig. 2.

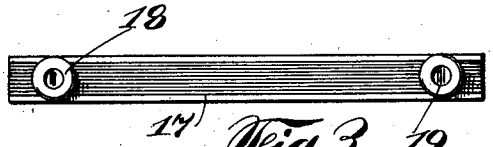


Fig. 3.

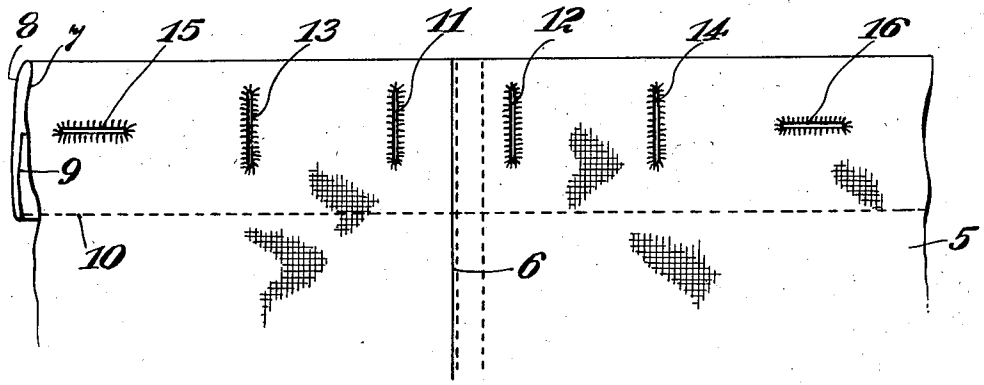


Fig. 4.

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UNITED STATES PATENT OFFICE

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DETACHABLE TAPE ADJUSTER FOR PAJAMAS

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The present invention relates to improvements in detachable tape adjusters for pajamas, and has for an object to provide means for drawing the waist band of pajama trousers about the body of the wearer without the necessity for using the troublesome cord or string now quite generally in use, which cord or string is left in the pajamas during laundering, and generally during the laundering process is pulled, so that one of its ends is obscured within the casing in which it slides and the end is fished out only with the greatest difficulty and annoyance.

A further object of the invention is to provide an elastic tape device which will cause the pajamas to yieldably embrace the waist of the wearer in such way as to sustain them in place without the uncomfortable tightness involved in the tying of the present pajama cords.

A further object of the invention resides in providing an improved pajama fastening device in which the elastic element may be removed from the pajamas during laundering, and is so constructed and related with reference to the pajama structure that the removal and replacement thereof may be accomplished with the greatest facility.

With the foregoing and other objects in view, the invention will be more fully described hereinafter, and will be more particularly pointed out in the claims appended hereto.

In the drawings, wherein like symbols refer to like or corresponding parts throughout the several views,

Figure 1 is a perspective view of an improved pajama construction involving the improved elastic tape constructed in accordance with the present invention.

Figure 2 is a fragmentary perspective view, taken on an enlarged scale, and showing the modified construction of the pajamas and the improved elastic tape cooperating therewith.

Figure 3 is a plan view of the improved tape apart from the pajamas, and

Figure 4 is a fragmentary view of the pajamas waist band with parts broken away.

Referring more particularly to the drawings 5 designates generally the trousers of a pair of pajamas made of any suitable material and of any suitable color and having the divided front opening 6, openable in putting on and removing the garment.

The waist band of the pajamas is constructed with a casing extending thereabout in which the double walls 7 and 8 are involved, the wall 7 being a continuation of the material of the pajamas and the wall 8 being folded over upon the wall 7. The free lower edge of the wall 8 is folded within the casing as indicated at 9 and all three overlapping walls are stitched together as indicated by the line of stitching 10; thus forming an enclosed tubular space or casing which constitutes the waist band. The outer wall 7 of this casing is provided with a pair of slots 11 and 12 extending adjacent the opening 6 and a second pair of slots 13 and 14 remote from the opening 6 and spaced from the slots 11 and 12, all such slots being elongated transversely to the waist band and passing entirely through the wall 7.

In this way there are also produced button holes 15 and 16 spaced from the respective slots 13 and 14 and the button holes are preferably elongated in the direction of the circumference of the waist band; or in other words are at substantially right angles to the direction of length of the slots.

The improved tape 17 is shown more particularly in Figure 3, the same consisting of an appropriate length of elastic strip having the buttons 18 and 19 sewed or otherwise secured thereto near the ends of the tape, but preferably spaced a suitable degree inwardly of such ends.

In the use of the device, as shown more particularly in Figures 1 and 2, the tape 17 is threaded through the slots and through the hollow interior space of the casing in the manner indicated, and the buttons 18 and 19 are inserted through the button holes 15 and 16. These button holes 15 and 16 are separated on the circumference of the waist band, a greater distance than the distance between the buttons 18 and 19 on the elastic tape 17 and consequently when the tape is applied, as shown in Figures 1 and 2, folds

20 will be produced in the garment waist band.

In other words the eleastic tape 17 will gather the garment and cause the same to contract about the waist of the wearer, the arrangement being such that the elastic tape 17 will preferably be stretched or put under some tension when the garment is put on. This yieldable tension will act to hold the garment in place or against sagging down or falling.

It will be noted that the end portions of the tape 17 lie within the casing and that the buttons 18 and 19 are inserted through the button holes 15 and 16 from behind the same outwardly. The end portions of the tape 17 lying beyond the buttons 18 and 19 will form a backing for the open portions of the button holes 15 and 16 and also provide extensive surfaces for engaging the walls 7 and 8 of the casing to avoid the ready swinging of the buttons in such fashion as to allow the same to escape from the button holes. This escape from the button holes is further avoided by the direction of elongation of the button holes 15 and 16. By virtue of the inherent elasticity in the tape 17, the buttons will be drawn to the near ends of the elongated slots 15 and 16 in the direction of length of said button holes, thus locking the buttons in the closed and narrow ends of the button holes.

If the button holes were turned at right angles, the pressure of the elastic tape would tend to bulge such button holes outwardly and induce the escape of the buttons. The tape 17 passes outwardly of the garment between the slots 11 and 13 and also between the slots 12 and 14, but inwardly of the casing between the slots 11 and 12. The slots and the walls 7 of the casing, thus provide guideways for permitting of the free sliding movement of the elastic tape 17 during the expansion and contraction of the same, and the arrangement is also such as to permit the casing to slide freely on the elastic, thus accommodating the folds 20 to the body of the wearer and avoiding annoyance to his person.

When the pajamas are sent to the laundry, the tape 17 may be readily removed by detaching the buttons and unthreading such tape from the guide slots. When the pajamas are received back from the laundry, it becomes an easy matter to reinsert and apply the tape, and the tape may remain in the engaged position until it becomes again necessary to send the pajamas to the laundry.

In getting into and out of the garment the waist band is grasped to opposite sides of the slit 6, the projecting buttons forming hand grasps for this purpose, the waist band being drawn out to greater circumference to permit of the waist band slipping over the hips.

It is obvious that various changes and modifications may be made in the details of construction and design of the above specifically described embodiment of this invention without departing from the spirit thereof, such changes and modifications being restricted only by the scope of the following claims.

What is claimed is:—

1. A device of the character described comprising a garment having a waist band defined by an enclosed casing extending thereabout provided with spaced slots and button holes, and an elastic tape separable from the garment and having buttons near its ends for engaging in said button holes with the tape being threaded through the slots and having its ends received in the casing.

2. A device of the character described comprising a garment having a waist band defined by an enclosed casing thereabout having an outer wall provided with guide slots spaced apart and button holes spaced at opposite sides of the guide slots, and an elastic tape having buttons extending from one side thereof inwardly of the ends thereof for engaging in said button holes with the tape extending alternately through the slots and on opposite sides of the casing slotted wall, a substantial portion of the tape being received in the casing, the button holes on the garment waist band being separated a greater distance than the buttons on the tape when the latter is in normal contracted condition.

3. A device of the kind described comprising a garment having a waist band consisting of an enclosed casing formed thereabout having an outer wall provided with pairs of transversely extending spaced slots and button holes extending as to length in the direction of the circumference of the waist band, and an elastic tape having buttons thereon insertable through the button holes with the intermediate portion of the tape threaded through said slots and acting to contract and create folds in the garment, said slots cooperating with the tape to cause the folds to be formed on the frontal part of the casing of said garment, whereby the folds thereof are accommodated to the body of the wearer.

In testimony that I claim the foregoing as my invention, I have signed my name hereto.

ABRAHAM P. LUBELL.