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2,590,616

WAISTBAND

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Fig. 1.

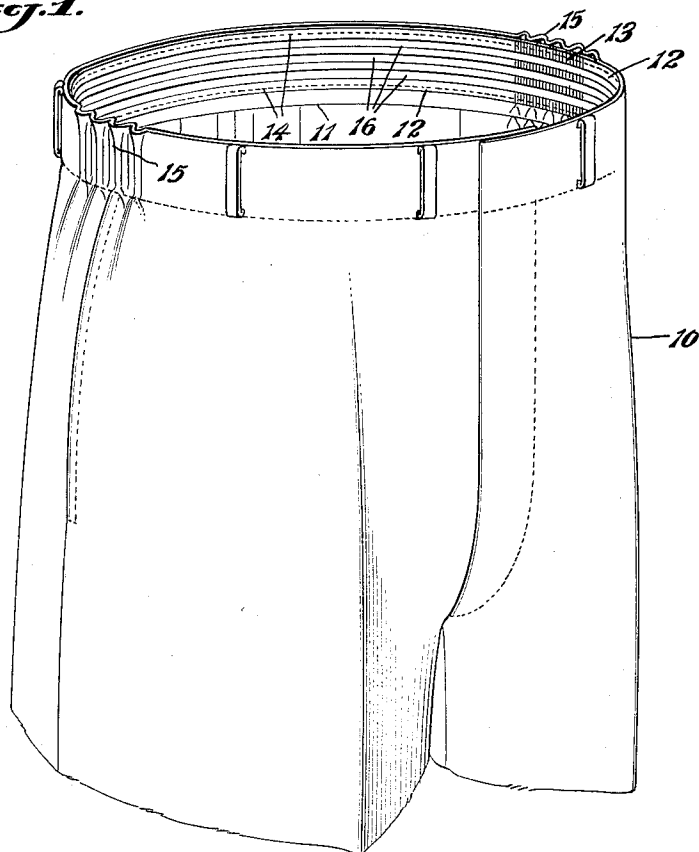


Fig. 2.

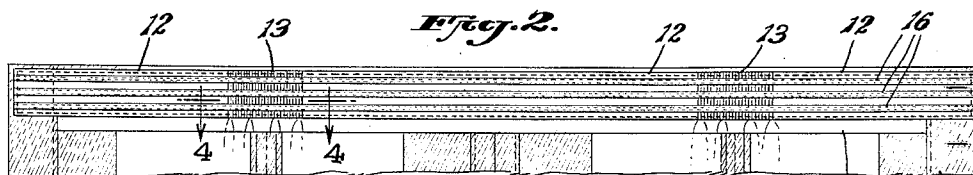


Fig. 3.

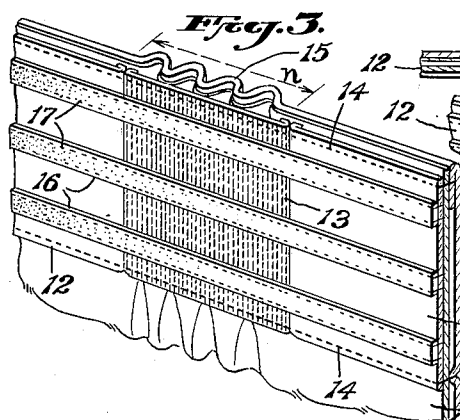


Fig. 4.

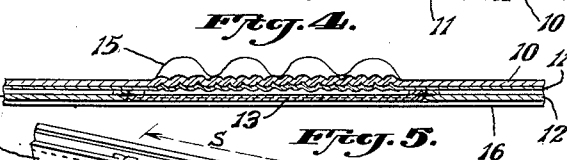
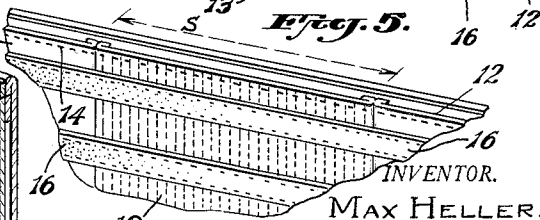


Fig. 5.



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WAISTBAND

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2 Claims. (Cl. 2—237)

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This invention relates to waistbands such as are used, for instance, in manufacture of boys' pants, and more particularly waistbands of the elastic type.

An object of the present invention is to provide a waistband which will obtain adequate engagement for retaining purposes about the body of a user and affording greater comfort than with prior art waistbands.

Another object is to allow for greater latitude of size of the wearer for any given size of waistband.

A further object of the invention is to provide a degree of elasticity throughout the length of the waistband as well as elastic gussets at specific portions of such length.

Yet another object of the invention is to provide frictional means throughout the length of the waistband to obtain frictional retention of an engaged garment, such as a shirt, from sliding out of the pants or other garment of which the waistband is a part.

An additional object is to provide a structure of waistband conducive to simplified and bulk manufacture.

Other objects of the invention will appear to those skilled in the art to which it appertains as the description proceeds, both by direct reference thereto and by implication from the context.

Referring to the accompanying drawing in which like numerals of reference indicate similar parts throughout the several views;

Figure 1 is a perspective view of a pair of pants or the like, wherein the present invention is incorporated;

Figure 2 is a flattened-out or extended view of the waist portion of a garment such as the pants of Fig. 1, with the waistband of the present invention shown in elevation thereon;

Figure 3 is a perspective view of a gusset portion of the garment and waistband similar to but on greater scale than the corresponding portion in Fig. 1, and showing the elastic gusset contracted to normal length;

Figure 4 is a longitudinal section on line 4—4 of Fig. 2 with the elastic gusset partially extended or stretched; and

Figure 5 is a perspective view corresponding to Fig. 3 but with the elastic gusset stretched to taut condition.

In the specific embodiment of the invention illustrated in said drawing, the reference numeral 10 designates the pants in general, shown in the present instance as composed of an outer material which is, at the waist portion at least,

provided with a lining 11. The waistband of the present invention is applied against said lining at the inside of the pants and with a longitudinal edge of the waistband in proximity to and extending along the upper margin of the pants from one side of the front opening to the other as customary with waistbands.

The waistband provides several longitudinal portions 12 which are relatively non-stretchable, and therebetween are interposed stretchable or elastic gussets 13 such that the stretchable and non-stretchable portions are in substantial continuation with each other and additively constitute the length of the waistband. The stretchable and non-stretchable portions of the waistband may conveniently be held together at their meeting ends by stitching extending transversely of the waistband. The normal length of the waistband is less than the circumference of the pants to which attached, but by stretching the stretchable portions or gussets 13, to length *s* Fig. 5, the band may be applied to the pants while having an equal length to said circumference, as with rows of stitches 14, and then when tension on the band is released, the pants will shirr where juxtaposed to the elastic, as indicated at 15, as the gusset contracts to its normal length *n*, Fig. 3. This shirring is more effectively obtained by using basting or long stitches or if preferred, by entirely omitting stitching lengthwise of the stretchable portion or gusset.

An essential feature of the invention is the provision of means for making frictional or retaining contact with a shirt around which the waistband is applied in use so as to deter the shirt from creeping up. Such means may be variously constructed and applied. As shown, several strips 16 are applied to the face of the band at the inside of the pants so as to be toward the wearer. These strips are shown as extending longitudinally the full length of the waistband inclusive of the stretchable portion and are preferably of a character responsive to the stretch of the gusset to extend or stretch therewith. For example, said strips may be rubber or latex, suitably secured in place by extensible or stretchable stitching 17, which may likewise be rubber or latex. It is further to be understood that heavy corded stitching of rubber or latex may be employed to alone fulfill the function of strip and attachment thereof to the waistband, the essential characteristic of which is projection from the face of the waistband to provide ribs the edges of which will be transverse to direction of force applied to a shirt attempted to be

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pulled out of the pants. Thus the shirt and pants will ride together in ordinary usage so that upward pull on the shirt effects an upward pull on the pants and a downward pull on the pants will draw the shirt downward equally as far as slack permits. The gripping engagement of strip 16 with a shirt is increased by utilization of latex of increased tackiness but still not sufficiently tacky to remain adhered to the shirt when actually separating the garments.

I claim:

1. A garment structure comprising a shirred portion and a band attached to said garment, said band having a stretchable portion juxtaposed to said shirred portion, and having non-stretchable portions extending from the ends of the stretchable portions, and friction material extending substantially the length of the said band inclusive of both the stretchable and non-stretchable portions thereof and projecting from the face of said band inwardly of the garment.

2. A garment structure comprising a shirred portion, and a band attached to said garment, said band having a stretchable portion juxtaposed

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to said shirred portion, and having non-stretchable portions extending from the ends of the stretchable portions, and strips of friction material extending lengthwise of both the stretchable and non-stretchable portions and projecting from the face of said band inwardly of the garment.

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