

Nov. 21, 1950

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2,530,618

WAISTBAND OF TROUSERS, SHORTS, SKIRTS, AND THE LIKE

Filed May 14, 1949

3 Sheets-Sheet 1

FIG. 1.

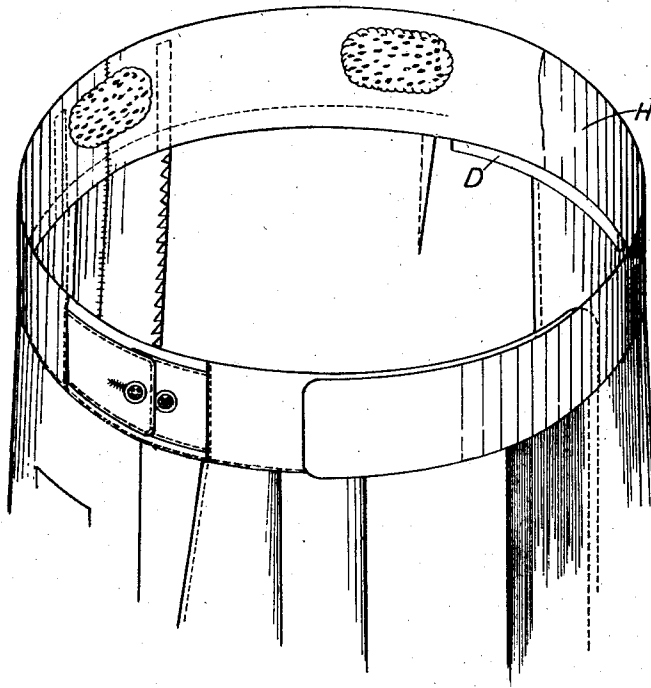
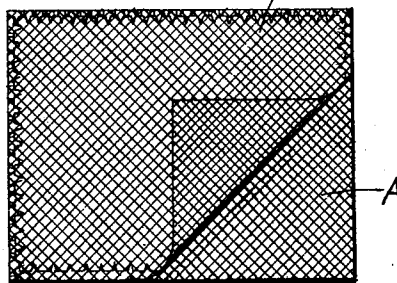


FIG. 2.



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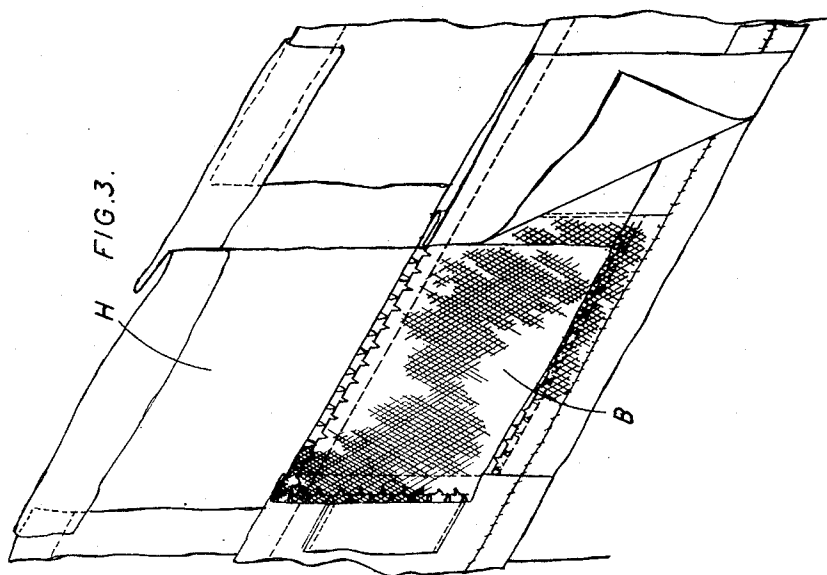
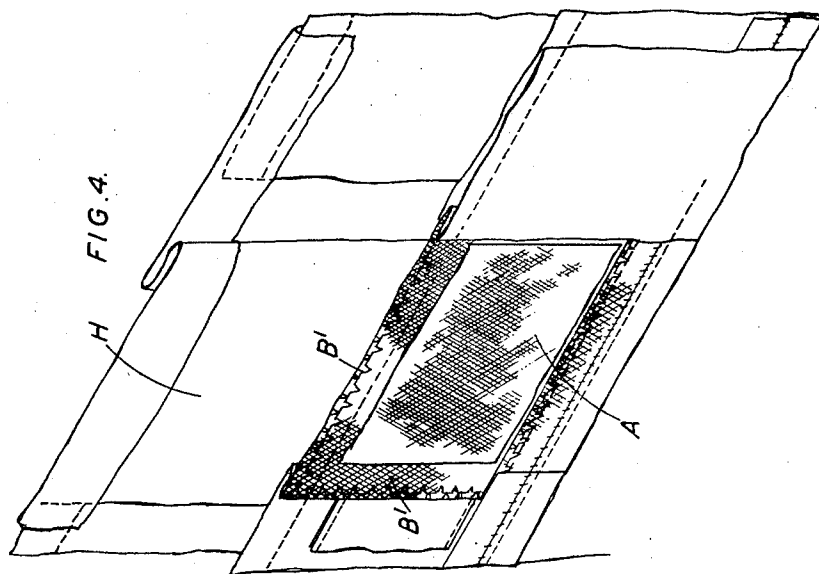
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WAISTBAND OF TROUSERS, SHORTS, SKIRTS, AND THE LIKE

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3 Sheets-Sheet 2



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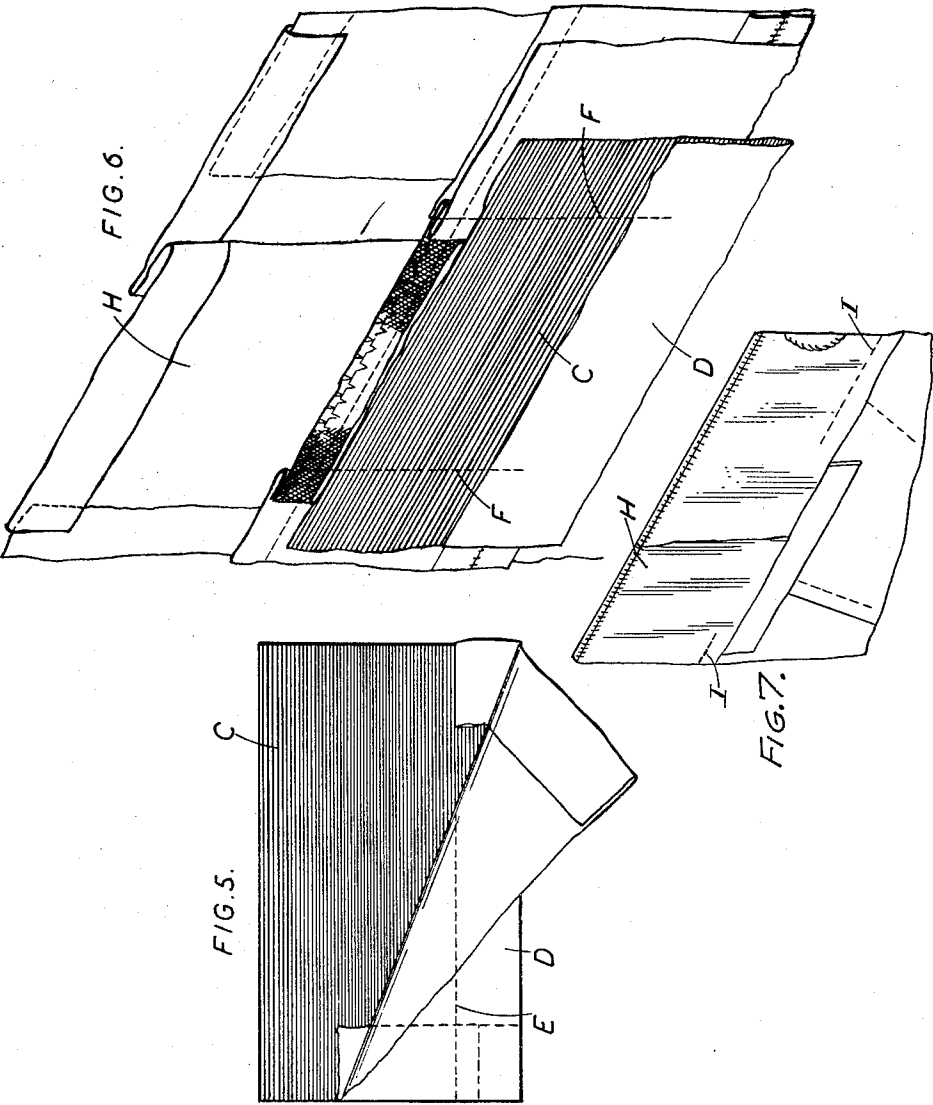
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WAISTBAND OF TROUSERS, SHORTS, SKIRTS, AND THE LIKE

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3 Sheets-Sheet 3



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UNITED STATES PATENT OFFICE

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WAISTBAND OF TROUSERS, SHORTS,
SKIRTS, AND THE LIKESolomon Klein, London, England, assignor to S.
Simpson Limited, London, England, a British
companyApplication May 14, 1949, Serial No. 93,218
In Great Britain November 1, 1948

4 Claims. (Cl. 2—237)

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This invention relates to trousers, shorts, skirts and self-supporting waist band garments generally. The invention is more particularly applicable to that type of trousers known as self-supporting sports trousers but is not limited to that type of trousers.

An object of the invention is to provide an improved construction of trousers or the like which will "give" to the movements of the hip bones independently of the stretch permitted by the elastic webbing where such is employed and preserving the normal neat appearance of the trousers.

In accordance with the invention a portion of the waist band of the trousers or the like at each side thereof is replaced by an insert suitably of the same material as the waist band but cut on the bias in conjunction with a wide strip of elastic stitched to the waist band and to the insert and located between the insert and the ordinary lining of the waist band. The insert is reinforced along and near its edges by a lining also cut on the bias. The strip of wide elastic is suitably enclosed along part of the side edges and along the lower edge by a silk or like lining to prevent fraying and in order that when the usual waist band lining is in position the elastic is not exposed. The ordinary waist band lining is stitched to the waist band in the usual way except over the length of this insert.

The invention is illustrated in the accompanying drawings which illustrate inter alia different stages in the production of the improved waist band. The drawing shows the invention applied to waist bands for trousers in which in addition to elastic webbing movable in a tunnel in the waist band there are provided pads of friction-presenting material such as pads of sponge rubber stitched to the waist band lining.

In the drawing Fig. 1 is a perspective view of the waist band of a pair of trousers of the type mentioned in the preceding paragraph with the invention applied thereto. Fig. 2 is a view of one of the inserts with a reinforcing lining stitched thereto along the edges, a portion of the lining material being shown folded back in order to show the material of the insert. Fig. 3 is a view of the insert with its reinforcing lining in position in the waist band. Fig. 4 is a view of the same after the removal of the central part of the reinforcing lining. Fig. 5 is a view of the elastic used in conjunction with the insert with a lining stitched thereto so as to overlie a portion of the sides thereof and the lower edge. Fig. 6 shows the elastic strip in position over the insert

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and Fig. 7 is a view showing the ordinary waist band lining in position and covering one of the inserts.

As indicated in Fig. 1 of the drawings there is provided at each side of the waist band a construction of insert which will permit stretch of the waist band to accommodate movement of the hip bones independent of the ordinary adjustment of the waist band of self-supporting trousers.

As illustrated in the drawings, a portion of the normal waist band at each side of the trousers is replaced by a reinforced insert A of cloth suitably of the same material as the waist band but cut on the bias, the reinforcement consisting of a frame B' formed of a lining material B also cut on the bias. As indicated in Figs. 2, 3 and 4, the lining B of the dimensions of the insert A is stitched to the insert and the centre portion of this lining B is cut out as indicated in Fig. 4 only after the insert A has been stitched in position in the waist band, so that in inserting the material in the waist band it is not deformed. The removal of the central portion of the lining B leaves the central portion of the insert A free to yield elastically to pressure exerted from the inner side. Over each insert thus exposed is stitched a wide strip C of elastic. This elastic is preferably covered along portions of the side edges and the lower edge by a lining D stitched thereto as shown by the line of stitching E in Fig. 5. The elastic strip is stitched to the reinforced insert and to the material of the waist band as indicated by the rows of stitching F.

From Fig. 6 it will be seen that the elastic strip extends at least over the whole of the insert A not reinforced by the lining B.

The ordinary waist band lining H is secured to the material of the waist band by stitching I, which is interrupted at the location of the inserts as indicated in Figs. 1 and 7. Thus the inserts are quite free from the waist band lining.

I claim:

1. A waistband for trousers, shorts, skirts and the like, said waistband provided with a gap at each side thereof, an insert of material cut on the bias stitched to the waistband and occupying said gap, a lining also cut on the bias reinforcing the insert cut on the bias and forming a frame to the insert, and a wide strip of elastic stitched to the waistband and to the insert on the inside of the waistband.

2. A waistband for trousers, shorts, skirts and the like, said waistband provided with a gap at each side thereof, an insert of material cut on

the bias stitched to the waistband and occupying said gap, a lining also cut on the bias reinforcing the insert cut on the bias and forming a frame to the insert, said frame being formed by cutting out the central portion of the lining for the insert after the insert has been stitched to the waistband, and a wide strip of elastic stitched to the waistband and to the insert on the inside of the waistband.

3. A waistband for trousers, shorts, skirts and the like, said waistband provided with a gap at each side thereof, an insert of material cut on the bias stitched to the waistband and occupying said gap, a lining also cut on the bias reinforcing the insert cut on the bias and forming a frame to the insert, and a wide strip of elastic stitched to the waistband and to the insert on the inside of the waistband, said elastic strip covering at least that portion of said insert which is not reinforced by the frame.

4. A waistband for trousers, shorts, skirts and the like, said waistband provided with a gap at

each side thereof, an insert of material cut on the bias stitched to the waistband and occupying said gap, a lining also cut on the bias reinforcing the insert cut on the bias and forming a frame to said insert, and a wide strip of elastic material stitched to the waistband and to the insert on the inside of the waistband, said elastic strip being enclosed along a portion of the sides and along the lower edge by a lining therefor before attachment in position.

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The following references are of record in the file of this patent:

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