Dec. 28, 1948. M. GRAY 2,457,462

TROUSERS

Filed Jan. 31, 1945

Fig. 1.

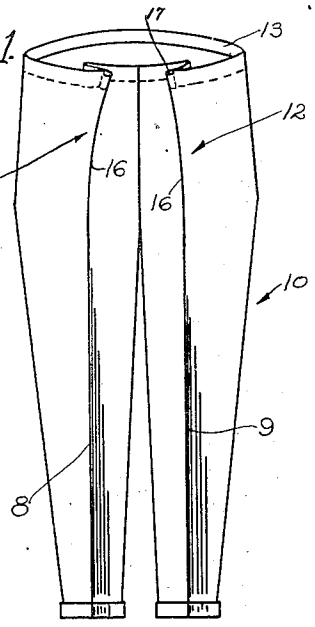


Fig. 2.

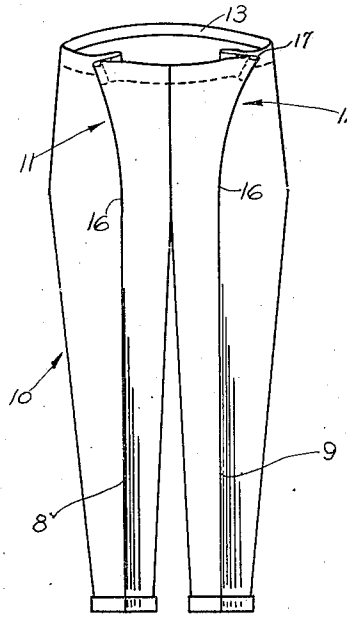


Fig. 3.

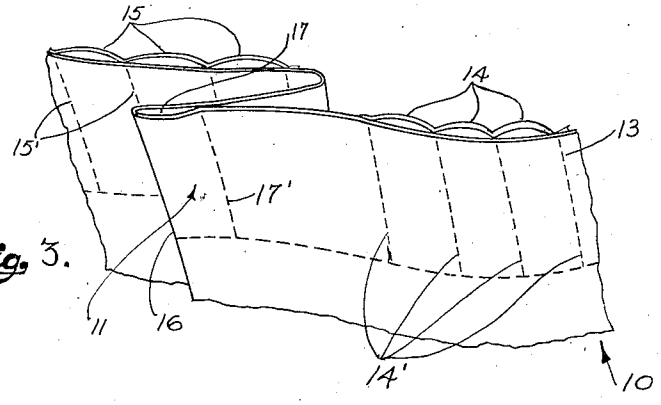


Fig. 5.

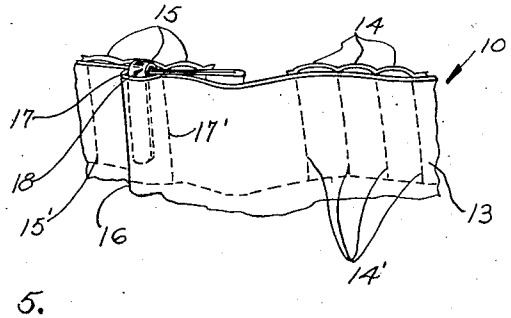
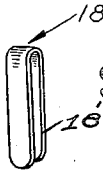


Fig. 4.



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TROUSERS

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Application January 31, 1945, Serial No. 575,457

6 Claims. (Cl. 2—237)

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The present invention relates to wearing apparel, and more particularly to garments such as trousers, slacks, skirts and the like.

An object of this invention is to provide garments of the character mentioned, of novel and improved construction, having pleats extending from the waist-band downwardly, the position of which pleats with respect to each other may be easily re-arranged to impart different styles to such garments.

Another object hereof is to provide garments of the type set forth, of novel and improved construction, including pleat arrangements which can be changed at the will of the wearer and also permit adjustment of the waistband size.

A further object of this invention is to provide novel and improved construction in garments of the kinds mentioned, to adjust waistband size.

Still another object hereof is to provide articles of clothing of the character described, which are simple in construction, easy to effect style change and waist-band size therein, which require little if any additional work in the manufacture of same, and which are effective in carrying out the purposes for which they are designed.

Other objects and advantages will become apparent as this disclosure proceeds.

In the accompanying drawings forming part of this application, similar characters of reference indicate corresponding parts in all the views.

Fig. 1 is an embodiment of this invention as applied to trousers having pleats arranged with their folds towards each other. This figure shows the front view of the garment.

Fig. 2 is a similar view of said trousers where the pleats have been arranged so that their folds are away from each other, thereby effecting another style in the garment. Thus, said pleats may be termed "reversible pleats."

Fig. 3 is a fragmentary perspective view of the garment showing one of the pleats at the waistband region ready to be secured in place.

Fig. 4 is a perspective view of an article, a clip in this instance, which may be used for securing the pleat.

Fig. 5 is a view similar to Fig. 3, showing the pleat secured in one of its positions by said clip.

In the drawings, the trousers illustrating an embodiment of this invention, are indicated generally by the numeral 10. This garment has pleats 11 and 12, which extend longitudinally downward from the waist-band 13 and merge with the respective crease lines 8 and 9; said pleats extending to the top edge of the trousers.

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Said pleats, 11 and 12, are formed forward of the garment and may be folded to lie substantially flat against the body of the garment either towards each other as in Fig. 1, or away from each other as in Fig. 2, whereby garments presenting difference in style are effected. Now it is necessary to secure said pleats in their desired arranged position. Any suitable means may be employed for this purpose. No specific showing of such is indicated in Figs. 1 and 2, for the sake of clarity of illustration of the different pleat positions.

As one such means, for each pleat, I provide in the waistband 13, one or more pockets 14 to one side of the pleat, and one or more pockets 15 to the other side; said pockets being open at the top edge of the garment, and may be formed by the stitch lines 14' and 15'. At the crease 16 of the pleat, the top-open pocket 17 is formed by a stitch line 17'. With a spring clip or clasp 18, for instance, the pleat is secured, by inserting one arm 18' thereof into pocket 17, and its other leg into any of the other pockets as desired position of the pleat dictates. The clip 18 may be of metal or plastic material, and may be cloth covered or otherwise colored to match the material of the garment if desired.

For a given sized garment, it is desired that the centrally located pocket of each of the respective series 14 and 15, be used for the reception of the fastening means 18; the pocket used being dependent upon which pleat arrangement is desired. It is evident that if any of the other pockets of the series 14 and 15 be used, that the size of the waistband, meaning its length will be changed without effecting the position of the pleats with respect to each other. All pockets 14, 15 and 17 when of narrow width, will permit small changes in waist-band length. The arms of the clips 18, or of any other suitable fastening means used, will serve best when of a width to substantially fill any of the pockets.

Essentially the invention is for a garment with reversible pleats and any suitable means to secure said pleats along different points of the unpleated portion of the waistband region of said garment.

This invention is capable of various forms and applications without departing from the essential features herein disclosed. It is therefore intended and desired that the embodiment shown herein be deemed illustrative and not restrictive and that the patent shall cover all patentable novelty herein set forth; reference being had to the following claims rather than to the specific description herein to indicate the scope of this invention.

I claim:

1. In a garment of the type worn downwardly from the waistline, a pleat formed of the material of the garment, extending outwardly and downwardly from the waistline of the garment; said pleat being adapted to be folded to lie flat against the garment; said garment including in its unpleated material a plurality of pockets extending downwardly from the waistline adjacent the crease line of the pleat lying flat against the garment and a pleat securing means on the garment comprising an inverted substantially U-shaped member, the arms of which are adapted to hold garment material placed between them; one arm of said member being inserted with its free end downwardly between plies of the pleat along the crease line of said pleat and the other arm of said member being inserted in one of said pockets; the waistline size being adapted to be changed by shifting the latter arm of said member from one pocket into another of said pockets.

2. A garment as defined in claim 1, wherein the pleat is adapted to be folded in either direction about a substantially upright line, to lie flat against the garment, and wherein the garment in its unpleated material is provided with a plurality of pockets extending downwardly from the waistline at both sides of said pleat.

3. In a garment of the type worn downwardly from the waistline, a pleat formed of the material of the garment having a pocket extending downwardly from the waistline along the upper region of the crease line of the pleat; said pleat being adapted to be folded to lie flat against the garment; said garment including in its unpleated material a plurality of pockets extending downwardly from the waistline adjacent the crease line of the pleat lying flat against the garment and a pleat securing means on the garment comprising an inverted substantially U-shaped member, the arms of which are adapted to hold garment material placed between them; one arm of said member being inserted with its free end downwardly within the pocket in the pleat and the second arm of said member being inserted in one of the pockets in the unpleated material of the garment; the pockets in which said arms are housed being in superimposed relation; the waistband size being adapted to be changed by shifting said second arm of the securing member from one to another of the plurality of pockets in the unpleated material of the garment.

4. A garment as defined in claim 3, wherein the pleat is adapted to be folded in either direction about a substantially upright line, to lie flat against the garment, and wherein the garment in its unpleated material is provided with a plurality of pockets extending downwardly from the waistline at both sides of said pleat.

5. In a garment of the type worn downwardly from the waistline, a pleat formed of the material of the garment, extending outwardly and downwardly from the waistline of the garment; said pleat being adapted to be folded in either direction about a substantially upright line, to lie flat against the garment whereby the crease line of the pleat is at one of two possible positions, a pair of pockets extending downwardly from the waistline in the unpleated material of the garment, one such pocket at each such position respectively and a pleat securing means on the garment comprising an inverted substantially U-shaped member, the arms of which are adapted to grip garment material placed between them; one arm of said member being inserted with its free end downwardly between plies of the pleat along the crease line of said pleat and the other arm of said member being inserted in one of said pockets.

6. In a garment of the type worn downwardly from the waistline, a pleat formed of the material of the garment having a pocket extending downwardly from the waistline along the upper region of the crease line of the pleat; said pleat extending outwardly and downwardly from the waistline of the garment and adapted to be folded in either direction about a substantially upright line, to lie flat against the garment whereby said pocket is at one of two possible positions, a pair of pockets extending downwardly from the waistline in the unpleated material of the garment, one such pocket of said pair at each such position respectively and a pleat securing means on the garment comprising an inverted substantially U-shaped member, the arms of which are adapted to grip garment material placed between them; one arm of said member being inserted with its free end downwardly in the pocket in the pleat and the other arm of said member being inserted in one of said pair of pockets.

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REFERENCES CITED

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

UNITED STATES PATENTS

Number	Name	Date
701,252	Bandler	May 27, 1902
1,566,206	Greene	Dec. 15, 1925
1,672,017	Wright	June 5, 1928
1,744,710	Surkin	Jan. 21, 1930
2,113,646	Capuano	Apr. 12, 1938
2,294,365	De Rose	Sept. 1, 1942