This invention relates to crotch belts or saddles for detachably securing crotches to girdles, garter belts, undergarments, and other wearing apparel; also improvements in the method of construction of crotches and assembly of same.

It is an object of this invention to provide belts equipped with fastening means to accommodate crotches or garment linings.

Another object of this invention is to simplify the construction of crotches; also to simplify the assembly of the comprising parts and to provide novel and effective means for detachably securing crotch to garment.

Another object of this invention is to provide a throw-away crotch made of any inexpensive material—such as a non-woven material, strong enough to withstand a day's wear, and yet cheap enough to be thrown away.

Another object of this invention is to readily and easily convert any girdle into a panty girdle, or any garment into a combination panty-girdle.

Still another object is to provide a crotch on the inside of the girdle or garment where the natural location of the crotch should be located without materially changing the smooth outlines of garments.

A further object is to provide a crotch with engaging means that may be secured to co-action engaging or fastening means on garment. These co-actioning fastening or engaging means may comprise a series of fastening means, to facilitate automatic location.

One embodiment of my invention as shown in detail in the accompanying drawing is essentially characterized by a girdle straddled with the belt or saddle with fastening means, said belt or saddle detachably attached to loops on girdle. These belts or saddles may be snapped or hooked on the girdle, or sewed or attached to the girdle—thereby making the belt a part of the garment if desired. These belts or saddles are to be equipped with fastening means to accommodate attaching to the garment. The belts are to have additional tabs and engaging means to anchor the crotch in place and to prevent bunching.

A further embodiment of my invention is a belt that may be worn with or without any garment—for instance, to encircle the body—which may be equipped with necessary fastening means to accommodate crotch. This belt may have an opening or openings where desired, and may also be adjustable, if desired. This belt may be worn over or under the girdle without being attached to girdle or may be fastened to loops of garment, or fastened in any manner desired. This belt may also be worn partly under the garment and partly over the garment in any desired combination with the garment and the garment may be provided with slots or eyelets to accommodate the belt. This belt may encircle the body or may be two or more smaller belts, that is—a small belt with desired fastening means to accommodate the front of the crotch, and a small belt with desired fastening means to accommodate the back of the crotch. The crotch may have holes or eyelets to accommodate engaging means on the belt. Flexible tabs with fastening means may be attached to the belt where needed to facilitate belt accommodation.

With the above and other objects in view my invention consists of crotch belts or saddles, equipped with fastening means for detachably securing the crotch to the belt, also additional engaging means to anchor the belt to the garment, sized to accommodate crotches for automatically locating same. These belts may be sewed to garments as a permanent crotch locator or they may be detachably secured to the garment by passing the belt through belt loops provided on the garment for the purpose of facilitating belt mechanism. The garment may have any attaching means desired for holding the belt. If preferred, fastening or engaging means may be attached to the body of the garment to accommodate belts and crotches of my invention or a series of engaging means may be located on the garment to accommodate belts and crotches; also permanent engaging means may be attached to crotches.

The garment may be provided with two small slots or eyelets worked on the body to act as a loop for the purpose of facilitating belt fastening or mounting. The garment may have both an eyelet and loop for a belt mounting as in the case where it would be desirable to wear the crotch on the inside of the garment and the belt fastening end of the belt passed through the slot or eyelet of the garment and fastened to a loop on the outside of the garment. The garment may, if preferred, be equipped with slots or eyelets with other fastening means and the same method of assembly utilized. The loops or hangers I refer to may be a part of the garment, or may be attached to garment, loops, tabs, etc. as are attached to dresses and other garments for the purpose of accommodating belts. Should a belt that would encircle the body be utilized, the assembly where the crotch is on the inside of the garment and the belt on the outside could be facilitated with the use of the slots or eyelets on the garment. These belts may be fastened on the inside of the garment or the outside of garments, or in any combination of wearing and fastening of girdle, crotch belts or crotch assembly facilities may be permanently attached to garments if desired. The belt may be equipped with the necessary engaging means for accommodating the crotch and worn independent of any other garment.

Crotches could be substantially rectangular or any preferred shape provided with a tunnel-like opening at either end to facilitate the belt passing through for the purpose of holding up said crotch. An eyelet or hole may be provided adjacent to the ends of the tunnel openings to accommodate fastenings provided on belt to keep the crotch in place and to prevent bunching. If desired, the crotch could be made with slots, loops or other openings instead of tunnel-like construction to facilitate straddling on the belt.

A simple way of constructing the crotch is to take a piece of material twice the length of the crotch, cut to desired shape, equipped with eyelets or holes as desired and then folded over so that the ends overlap at the center, secured by sewing through the layers—this will leave the front and back sections of the crotch a tunnel that will very readily accommodate the belt passing through, engaging the eyelets with fasteners to keep the crotch in place and free from bunching; thereby making the crotch ready to be located in the garment.

It may also be desirable to make the crotch with extension portions on either leg to prevent chafing equipped with belt passing through tunnel-like features to encircle thighs. Suitable belts or garters may be utilized.

It is also possible to put loops or other fastening features on garters or garter belts or other garments.

Water-proof panel or crotch may be attached to belt,
worn separately or in combination with other crotch. This water-proof crotch may have envelope sides that will give more complete water-proof protection. If desired this water-proof crotch may be equipped with its own independent belt and fasteners or grippers to accommodate sanitary features.

Liners for men's underwear, shorts, etc. may also be made with the above tunnel-like features and mounted on these belts. Should only the back of the shorts, etc. be lined suitable liners could be constructed and belts mounted on loops or as desired at suitable portions of the garment. Liners could be made of washable material or throw-away liners could be made of non-woven material or as desired.

Masculine crotches or supporters with tunnel-like features may also be accommodated on these belts.

Diapers, panties and other garments may also be made with these tunnel-like features and mounted on these belts.

For the purpose of illustrating my invention, I have shown in the accompanying drawings forms thereof which are present preferred by me, although it is to be understood that the various instrumentalities of which my invention consists is not limited to the precise arrangements and organizations of the instrumentalities as herein shown and described.

Referring now to the drawings, in which like reference characters indicate like parts:

Figure 1 represents a perspective view of multiple belts and crotch embodying my invention.

Figure 2 represents a perspective view of a multiple belt with the crotch removed.

Figure 3 represents a perspective view of crotch embodying my invention.

Figure 4 represents a perspective view of crotch of modified construction embodying my invention.

Figure 5 represents a perspective view of crotch of tubular fashion modified construction embodying my invention.

In accordance with my invention I provide crotch belts 15 adapted to be inserted through loops 16; said crotch belts 15 to be equipped with interlocking engaging or fastening means 17 preferably attached to a flexible tab or projection 18 which may be affixed on belt; said engaging means to be snapped together with coating interlocking or engaging means 19, this coating interlocking engaging means passed through opening 20 in crotch 25 for securely holding in place crotch to keep from bunching. Additional engaging means 21 and 22 are located at extremities of belt—adapted to attach belt to garment loops.

A crotch belt that encircles the body or an all-in-one belt is also equipped with the same facilities 17, 18 and 19 as belt 15 adapted to hold crotch in place. This type belt may have an opening that closes with fastening means or buckle; or have little belts 15 added on as desired.

The crotch 25 is provided with tunnel-like features 26 to accommodate belts 15. The tunnel part of said crotch, may be equipped with holes 20 to accommodate engaging means to hold crotch in place to prevent crotch from bunching. This tunnel-like feature 26 may be formed by taking a piece of material twice the size of crotch, folded, cut to desired shape and equipped with eyelet or hole, then stitched through center of crotch 27 thereby automatically forming tunnels with one stitching as in Figures 1 and 3.

The tunnels on crotch may also be formed by stitching suitable hems 28 to accommodate belt 15 as in Figure 4.

The crotch may also be made in tubular fashion, which automatically permits of passing of the belt along their edge portions along its double material, and may also be equipped with eyelets as desired.

Whereas I have described my invention by reference to specific forms thereof, it will be understood that many changes and modifications may be made without departing from the spirit of the invention.

I claim:

A crotch member having a tunnel formation at least at the opposite ends thereof, a band inserted at each end through the said tunnel formation, the said band being of a length greater than the width of said crotch, the ends of the said band being folded over at the outer face of the said crotch and fastening means disposed on the said band to fasten the folded-over ends of the said bands to the main body of the latter through one sheet of the said crotch member, the said band having additional fastening means at the portion of the said band which extends out of the said tunnel formation, the said additional fastening means being adapted to fasten the said band and thereby also the said crotch to supporting means.

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