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2,709,812

WAISTBAND FOR DISPOSABLE APRON

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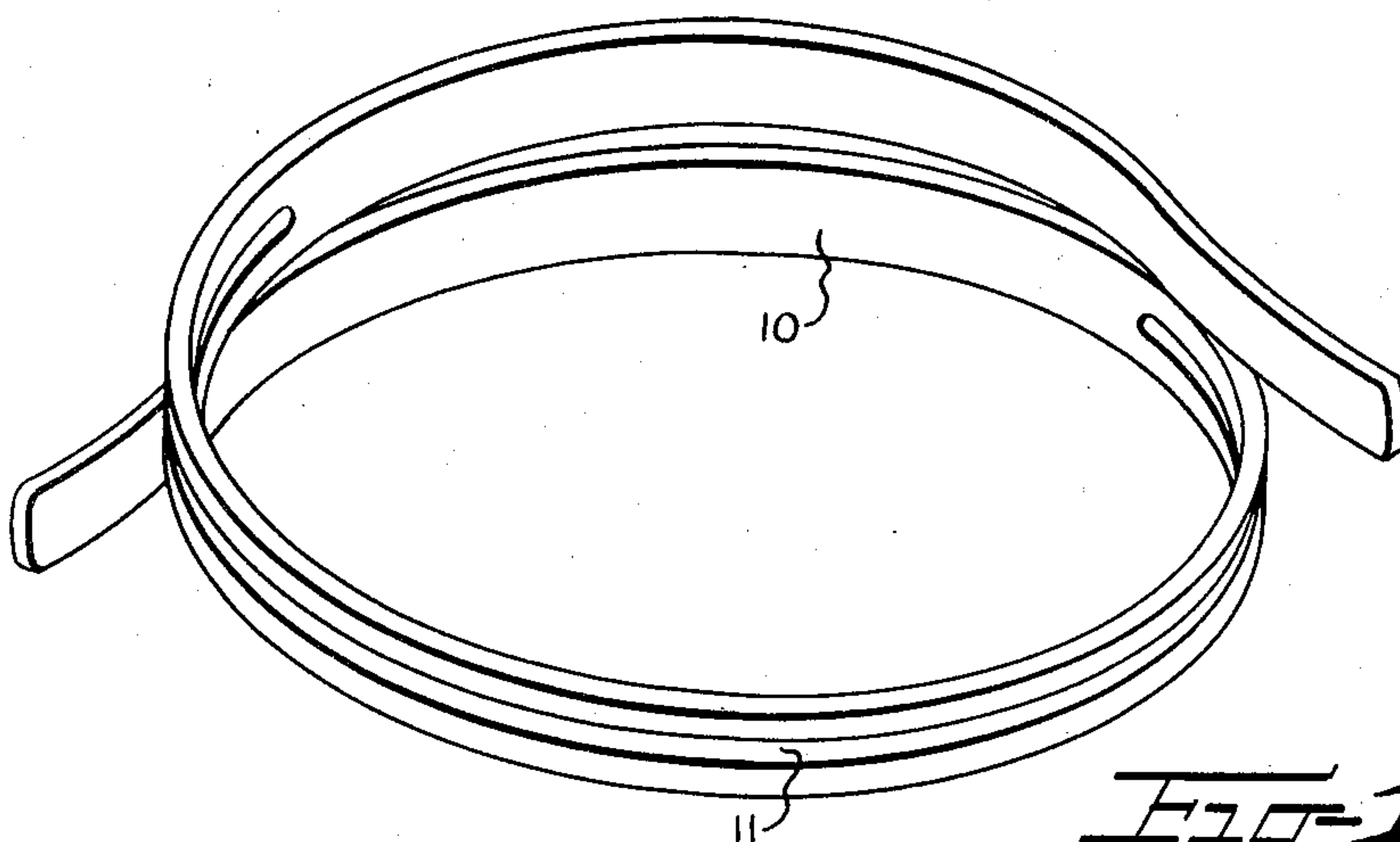


FIG-1

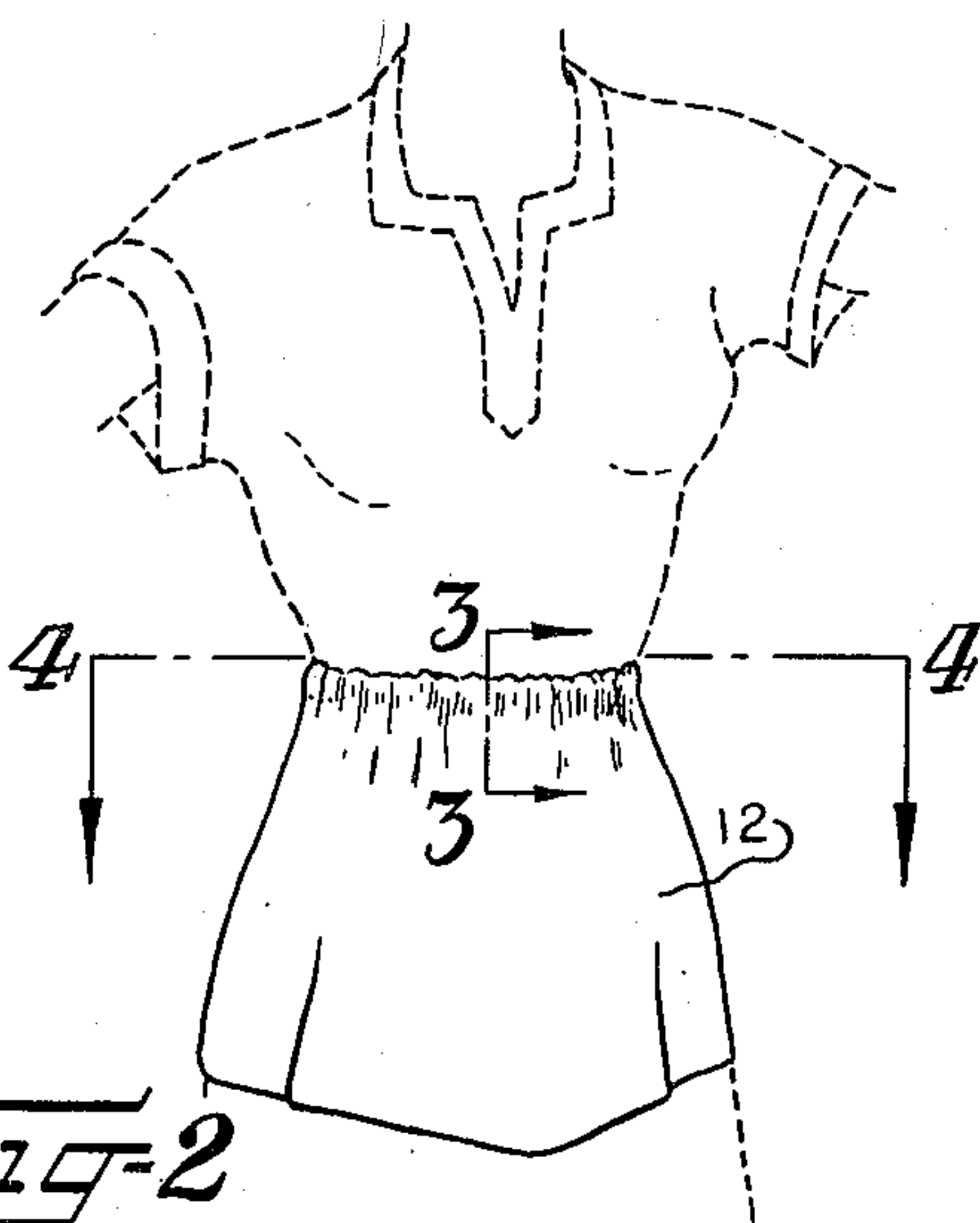


FIG-2

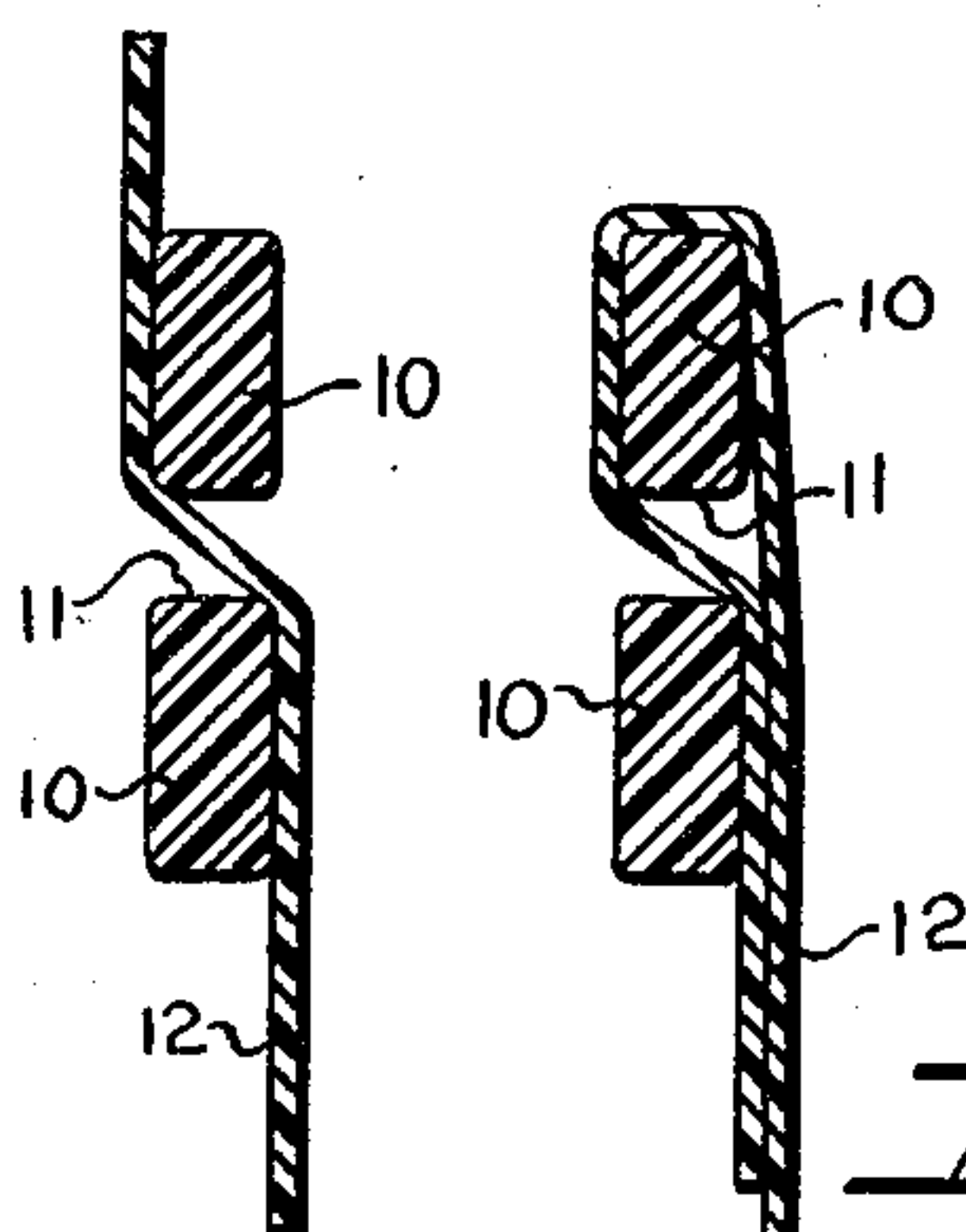


FIG-5

FIG-3

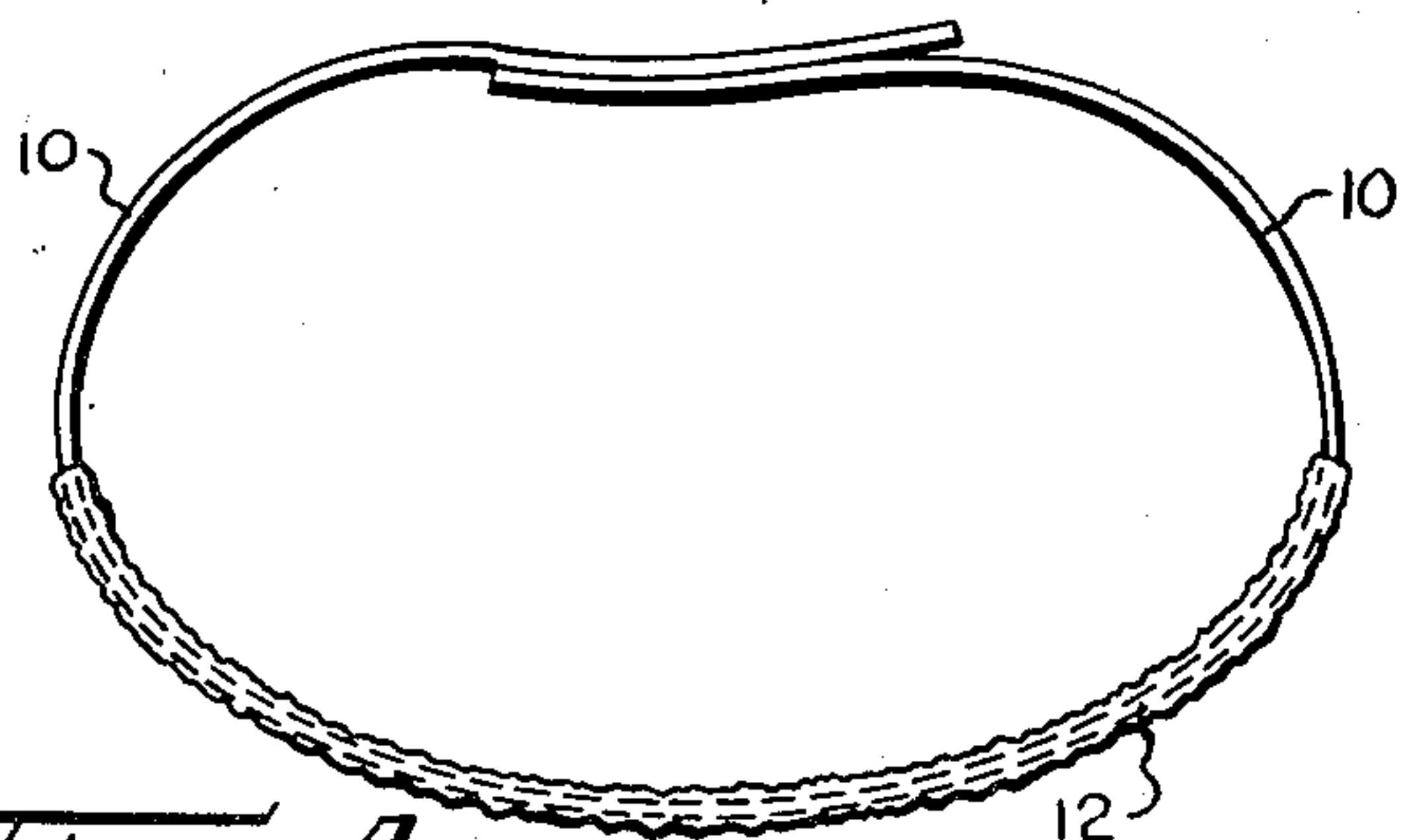


FIG-4

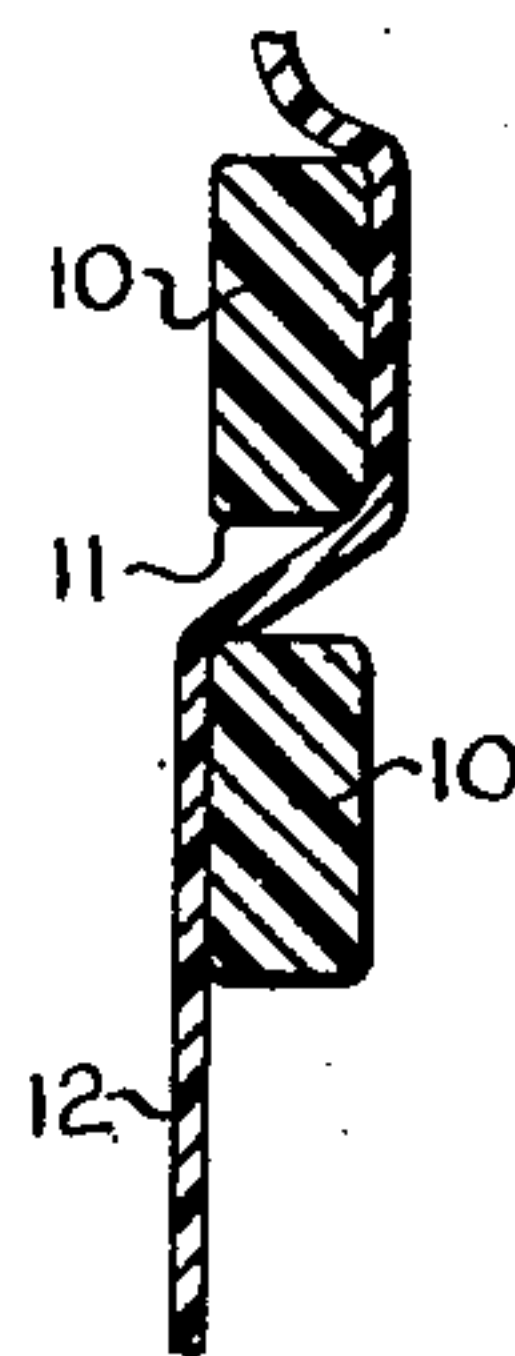


FIG-6

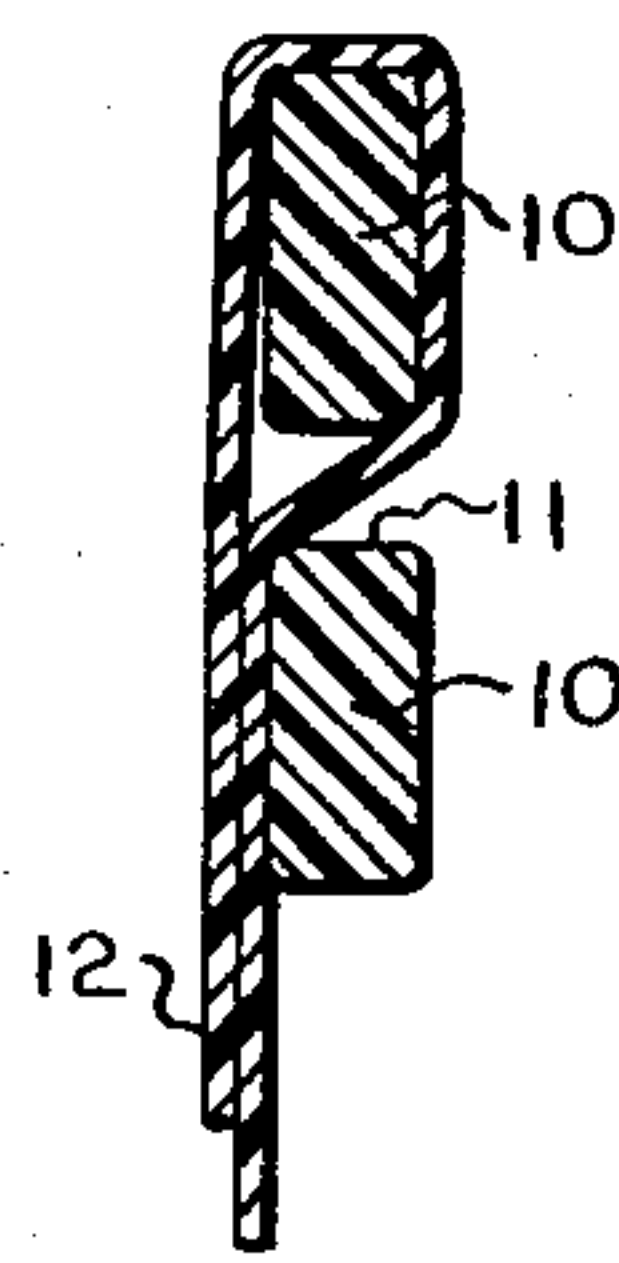


FIG-7

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2,709,812

WAISTBAND FOR DISPOSABLE APRON

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1 Claim. (Cl. 2—52)

This invention relates to waistbands and more particularly to that type of waistband adapted to be used in association with an apron.

The invention is most practical when used in association with that type of apron which is disposable when soiled and which is replaceable by another apron.

It is an object of this invention to provide a waistband formed of a relatively narrow strip of resilient or spring-like material such as plastic, stainless steel or the like. The resilient nature of the strip or band causes it to be normally coil-shaped in plan yet expandable to take such shape as to fit the waist of the wearer.

It is another object of this invention to provide a waistband formed from an elongated strip or band of resilient material, said band having a longitudinally extending slot centrally positioned therein and said slot being of sufficient length to extend substantially across the front and sides of the human body, and said slot being provided for the reception of a disposable apron or the like.

It is the primary object of this invention to provide a waistband adapted to be used in conjunction with a disposable apron, said waistband being formed from an elongated strip of resilient material and said strip having a longitudinally extending slot centrally disposed therein for the reception of a disposable apron or the like, which waistband is expandable to fit the waist of the wearer and which is automatically adjustable to the size thereof, and which can be instantly placed in position about the body of the wearer and readily removed therefrom.

Some of the objects of the invention having been stated, other objects will appear as the description proceeds, when taken in connection with the accompanying drawings in which—

Figure 1 is an isometric view of the resilient waistband in closed or unflexed position with the apron removed;

Figure 2 is a view showing the apron as it appears when positioned about the body of the wearer;

Figure 3 is an enlarged transverse vertical sectional view taken along the line 3—3 in Figure 2 and showing in detail one method by which the apron may be detachably secured to the waistband;

Figure 4 is a plan view of the waistband and apron taken along the line 4—4 in Figure 2, but showing the waistband and apron detached from the body of the wearer;

Figure 5 is a view similar to Figure 3 but showing an alternative method by which the apron may be detachably secured to the waistband;

Figure 6 is a view similar to Figure 3 but showing a third method by which the apron may be detachably secured to the waistband;

Figure 7 is also a view similar to Figure 3 but showing still another method of attaching the apron.

Referring more specifically to the drawings, it will be observed that I have provided an improved waistband which is formed from an elongated strip or band 10, said band 10 being formed from a suitable resilient material

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such as plastic, stainless steel or the like, and said band having outwardly bent end portions.

When the band 10 is allowed to assume a normal relaxed position it assumes a substantially coil-like position as shown in Figure 1, but due to the inherent resilient nature of the substance from which the band 10 is formed it can be readily extended so as to assume a substantially elongated elliptical attitude as shown in Figure 4.

The band 10 has a centrally disposed longitudinally extending slot 11 therein, said slot 11 extending completely through the band. The slot 11 is of such length as to substantially pass across the front and sides of the wearer.

The slot 11 is provided for the reception of an apron 12, which apron may be of any suitable size and shape and may be formed of any suitable material, but is preferably formed of a disposable material such as paper, or a thin sheet of plastic or the like. There are an infinite number of methods by which the apron 12 may be mounted on the waistband 10, all of which comprise sandwiching the apron between the waistband and the body of the wearer. Examples of the various ways in which the apron may be detachably secured to the waistband are illustrated in Figures 3, 5, 6 and 7.

According to the method illustrated in Figure 3, one end portion of the apron 12 may be passed upwardly across the front side of the band 10, downwardly across the upper edge of the band 10 and then passed outwardly through the slot 11 and downwardly over the lower half of the front side of the band 10. It is thus apparent that the friction caused by the waistband pressing against the body of the wearer, together with the friction of the outer portion of the apron against the inner portion of the apron, will hold the apron in position about the body of the wearer. A similar method, illustrated in Figure 7, permits two thicknesses of the apron to be sandwiched between the waistband and the body so as to more firmly secure the apron.

If desired, the upper portion of the apron may be utilized as a bib or the like, as illustrated in Figures 5 and 6, and thus give additional protection from spattering grease and the like. According to this method, the upper portion of the apron may be passed across either the front or rear of the lower half of the band 10, then passed upwardly through the slot 11 and allowed to remain upstanding across the upper waist of the wearer.

It is thus seen that I have provided a resiliently adjustable waistband adapted to support an apron, which apron may be of a conventional type or may be disposable and formed of any suitable material such as cloth, paper, plastic or the like. The longitudinal slot 11 in the waistband 10 provides simple and easy means of attaching an apron to the waistband and thus eliminates the necessity of conventional fastening means such as sewing, stitching, snapping or the like. The inherent resiliency of the material from which the waistband 10 is formed permits it to be instantly and securely positioned in place about the body of the wearer and also facilitates easy removal of the same.

In the drawings and specification there has been set forth a preferred embodiment of the invention and although specific terms are employed, they are used in a generic and descriptive sense only, and not for purposes of limitation, the scope of the invention being defined in the claim.

I claim:

An expansible garment supporter adapted to resiliently embrace the waist of the wearer and to retain a garment thereon comprising an elongated relatively thin strip of resilient plastic material having blunt ends and being of uniform generally rectangular rounded cross section having a width to thickness relation of about five to one,

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said supporter being shaped to a normal closed oval shape with the end portions being superposed and overlapping in different planes along a flattened side of the oval for a distance of about forty per cent of the circumference of the oval and with opposite ends of the supporter curved inwardly and outwardly conforming to the curvature of the small of the back of an intended wearer, one of said ends being in a plane above the body of the closed oval and the other end being in a plane below the body of the closed oval, the oval being of a size to fit the intended wearer when the hoop is resiliently opened to a position in which the curved ends overlap in juxtaposed relation, said supporter having an elongated longitudinally extending centrally disposed slot of a length of about sixty per cent of the circumference of the oval, the ends of said slot terminating short of the curved ends of the supporter, whereby said supporter may be sprung

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around the waist of the wearer to resiliently embrace the waist with the curved end portions overlapping and mating in the same plane as the body of the oval and embracing the small of the back of the wearer and with the elongated slot extending around the front and foremost side portions of the waist and being adapted to receive one end of an apron therein and to retain the same in position about the waist of the wearer.

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