June 6, 1933. A. M. RADLAUER 1,912,465

CIRCLET

Filed Oct. 28, 1932

Fig. 1.

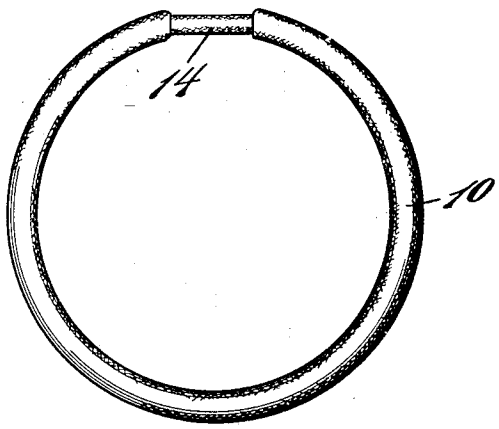
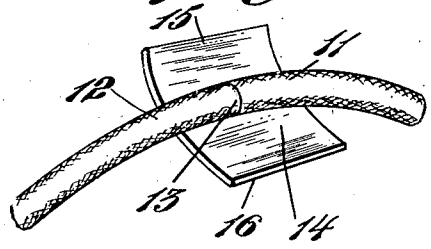


Fig. 2.



Fig. 3.



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UNITED STATES PATENT OFFICE

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CIRCLET

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This invention relates to a circlet made from fabric material, and has for one of its objects the provision of a neat and ornate securing means for attaching the opposite ends of a length of fabric to form a circlet.

Another object of this invention is the provision of means for fastening the ends of a strip of fabric together to form a circlet so that the fastening means will be of no greater diameter than the material which it attaches.

Another object of the invention is the provision of an elastic strip of fabric with its ends in abutting relation and secured in this relation by the wrapping of a sheet of material about the same, the nature of the material being such that it may be softened by the application of heat so as to intimately unite the inner surface of the material with the fabric about which it is wrapped.

A further object of the invention is the provision of a coupling member for a garter by simple and inexpensive means and one which will be transparent and permit the parts of the garter about which it is wrapped to be visible not to detract from the appearance thereof.

With these and other objects in view the invention consists of certain novel features of construction as will be more fully described and particularly pointed out in the appended claims.

In the accompanying drawing:—

Fig. 1 is a side elevation of a circlet with its ends fastened together in accordance with this invention.

Fig. 2 is a sectional view through the securing means.

Figure 3 is a perspective view illustrating the ends of the fabric material as positioned in abutting relation and with the securing material in a position prior to being wrapped about the end portions to secure them together.

In the formation of garters, arm bands, or similar circlets it has been usual to provide metal devices to secure the ends of the fabric material together. These securing means are usually larger than the diameter of the fabric which they secure and are unsightly in appearance, and in order that these undesirable effects may be eliminated I have abutted the ends of the fabric and wrapped about the fabric a sheet celluloid material which may be softened by a solvent so that it will be united in intimate relations with the end portions of the fabric and compress a generally round strip or elastic braid sufficiently so that the attachment may be of a size less than the diameter of the strip that a desirable appearance may be formed; and the following is a detailed description of the present embodiment of this invention illustrating the preferred means by which these advantageous results may be accomplished.

With reference to the drawing, 10 designates an elastic band composed of rubber strands which are covered with a suitable textile material, such as by braiding a sheath thereover, with the ends 11 and 12 of this strip in abutting relation as at 13. A solvent is then applied to these end portions and a binder comprising a strip of celluloid material 14 is wrapped with the use of heat about the end portions in a width such as illustrated in Fig. 3 with the marginal edges 15 and 16 of this celluloid material in overlapping relation, as illustrated in Fig. 2, and with the underlying edge 16 forced into the fabric to securely lock the same in position and permit the overlying edge 17 of the marginal portion 15 to be substantially flush with the outer surface of the wrapping.

The solvent applied to the celluloid and the pressure and heat used for wrapping the sheet material about the abutting ends forces this celluloid into the fabric so that the same impregnates the fabric and is firmly united thereto. The celluloid or like material is desirably formed of transparent material so that the color and appearance of the fabric is observed through the celluloid and the same conforms to the appearance of the circlet when used as a garter or the like.

I wrap the celluloid about the end portions with sufficient pressure so to compress the fabric and rubber strands therein that the wrapped ends will be of a less diameter than the diameter of the round strip portion when unstretched and substantially the same as the

diameter when stretched, thus enabling the device to be used as an arm band, a garter, or other circlet as an article of wearing apparel without the binder pressing into the arm or other portion which it encircles when in stretched condition.

The foregoing description is directed solely towards the construction illustrated, but I desire it to be understood that I reserve the privilege of resorting to all the mechanical changes to which this device is susceptible, the invention being defined and limited only by the terms of the appended claims.

I claim:—

1. A circlet comprising an elastically extendible material, a fabric covering thereover, the ends of said material and covering being in substantially abutting relation, a binder of sheet material wrapped around said abutting end portions and holding them in compressed condition and of a size of less diameter than the unstretched condition of said material and covering, said binder having its inner surface intimately united with said fabric covering by portions extending into the interstices thereof, said binder being the sole means for securing said ends together.

2. A circlet comprising an elastically extendible material, a fabric covering thereover, the ends of said material and covering being in substantially abutting relation, a binder of sheet celluloid material wrapped around said abutting end portions and holding them in compressed condition, said binder having its entire fabric engaging inner surface intimately united with said fabric covering by portions extending into the interstices thereof, said binder being the sole means for securing said ends together.

3. A circlet comprising an elastically extendible material, a fabric covering thereover, the ends of said material and covering being in substantially abutting relation, a binder of sheet celluloid material wrapped around said abutting end portions and holding them in compressed condition, said binder having overlapping end portions one of which is forced into the elastic material and the other of which is caused to be substantially flush with the outer surface thereof and having its inner surface intimately united with said fabric covering by portions extending into the interstices thereof, said binder being the sole means for securing said ends together.

In testimony whereof I affix my signature.

ARTHUR M. RADLAUER.