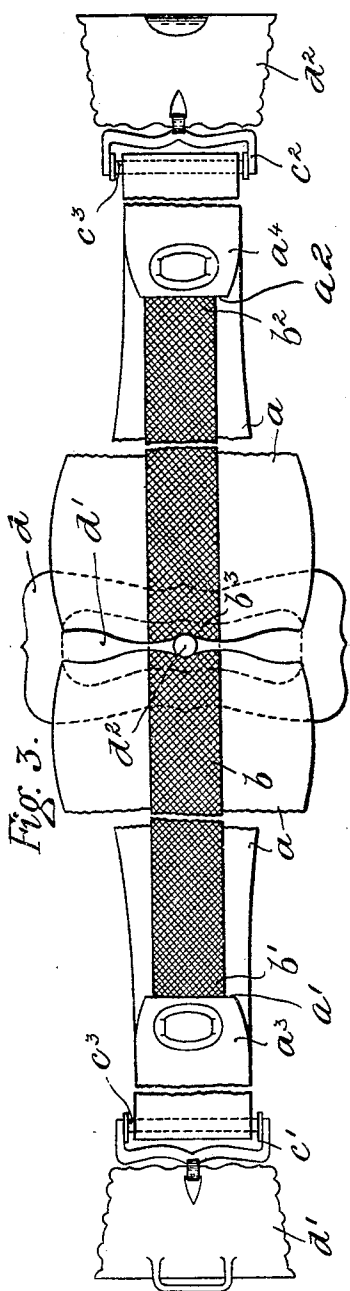


No. 824,598.

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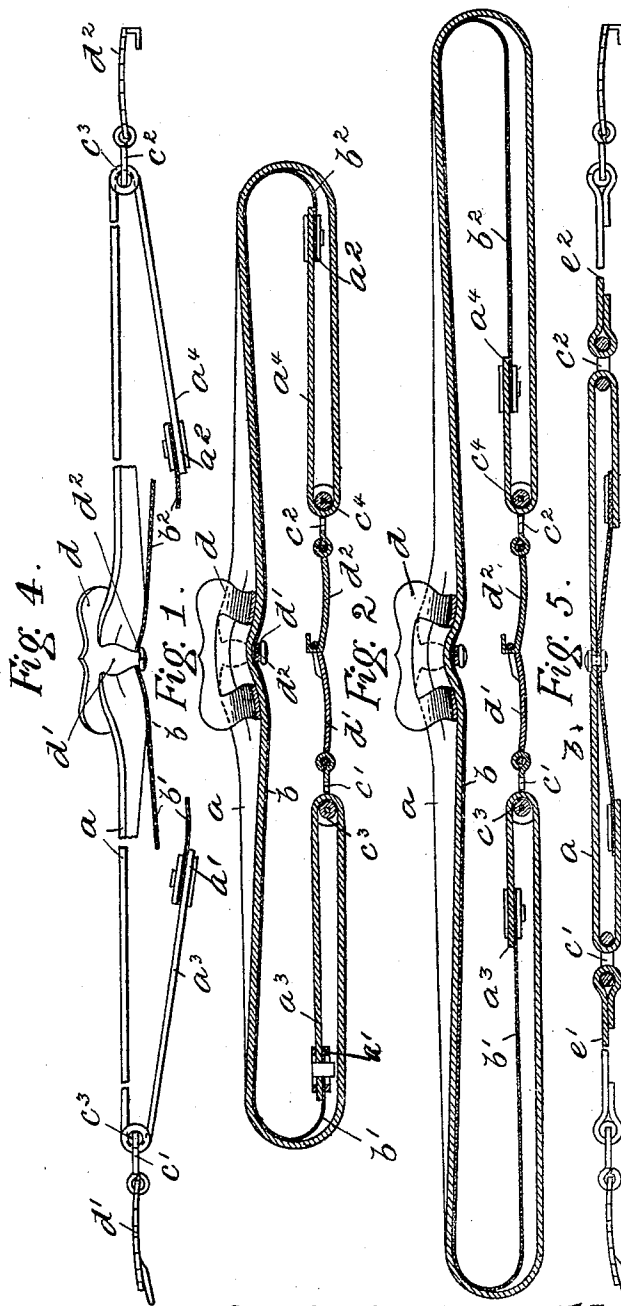
W. C. SPITTLE.
WAIST BELT.

APPLICATION FILED DEC. 12, 1905.



WITNESSES

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UNITED STATES PATENT OFFICE.

WALTER CLEMENT SPITTLE, OF OLTON, ENGLAND.

WAIST-BELT.

No. 824,598.

Specification of Letters Patent.

Patented June 26, 1906.

Application filed December 12, 1905. Serial No. 291,496.

To all whom it may concern:

Be it known that I, WALTER CLEMENT SPITTLE, works manager, a subject of the King of Great Britain, residing at Woodlea, Warwick Road, Olton, in the county of Warwick, England, have invented certain new and useful Improvements in Waist-Belts, of which the following is a specification.

This invention has relation to dress and other waist belts, garters, and other bands for personal wear, and has for its principal object to provide an improved construction of expanding and self-adjusting belt or band which will automatically accommodate itself to waists of varying sizes without necessitating adjustment and also facilitate the engagement or fastening and unfastening of a two-part clasp or the like, which is sometimes difficult to accomplish, especially in the case of tight-fitting non-expanding belts.

According to the said invention the belt either consists solely of or is provided with or arranged to embody an expanding and contracting arrangement in the form of an endless composite band made up of an elastic or distensible section and a longer inelastic section whose opposite ends are attached, respectively, to the extremities of the said elastic part and are passed or returned through loops or runner-fittings which carry either the clasps or fasteners of the belt or (where the expanding arrangement is utilized only as a middle or back piece instead of constituting in itself the complete belt) may be attached to inextensible end pieces adapted to form the front of the said belt and to carry the fastenings.

Figure 1 of the accompanying drawings represents a horizontal section of an expanding and self-adjusting waist-belt constructed in accordance with my invention and showing the same contracted to its minimum size. Fig. 2 represents the same belt expanded almost to its maximum extent. Fig. 3 is an elevation of the inner side of the belt, showing the arrangement of the elastic middle portion. Fig. 4 is an edge view thereof. Fig. 5 is a modification.

The same letters of reference indicate corresponding parts in the several figures of the drawings.

The belt represented is made up entirely from an endless expanding and contracting band or loop such as above referred to, and *a* is the inextensible portion, which forms the body of the belt and may be made either

from a piece of leather or fabric, as shown, or from an ornamental metallic banding formed from linked plates, and *b* is the distensible or elastic portion, which renders the belt self-adjusting or self-accommodating to waists of different sizes and consists of a length of elastic webbing or spring-wire banding *b*, which is preferably attached or made fast at or near its middle *b*³ to the middle of the inner face of the inelastic body part *a*, while its extremities *b*¹ *b*² are sewed or otherwise connected, respectively, to the extremities *a*¹ *a*² of the inwardly-turned or doubled-back end portions *a*³ and *a*⁴ of the said body part *a*. These double-back or returned end portions of the inelastic band before being connected to the extremities of the inside elastic part are passed from the front through upright loops or runner-fittings *c*¹ *c*², which, respectively, carry the halves *d*¹ *d*² of the clasp or fastening, and when the several parts are arranged in this manner the elastic portion admits of the returned ends of the indistensible piece running freely through slack and renders the belt a perfect fit to the wearer's figure.

The connection of the middle parts of the inelastic and elastic portions of the belt to one another insures both the returned ends of the body-piece being paid out and taken up to an equal extent, and preferably this connection is effected, as in the belt represented in the drawings, by fitting upon the middle of the back portion of the said belt an ornamental buckle or slide *d*, having a middle bar *d*¹, which comes upon the inside of the article and to which the elastic portion is secured by a rivet *d*² or in any other convenient manner.

To facilitate the running in and out of the ends of the inextensible body part, the bars of the end loops over which they respectively pass may be fitted with loose roller-sleeves *c*³, while instead of making the body of the belt from one piece of material it may consist of a central or back portion, made from leather or other material or from linked-together ornamental plates or the like and two inextensible end pieces which are respectively passed through and are capable of running to and fro within the loops of the clasp-fittings and are attached on the inside of the belt at the extremities of the elastic piece.

Instead of the whole of the belt being formed from the expanding endless band, as above described, a belt may be provided with a back piece or middle part formed from such

an endless band or loop which has an expanding action and is attached by the runner-fittings to inextensible end or front portions which carry the clasps or fastening. Fig. 5 shows diagrammatically one such arrangement, in which is the expanding band, consisting of an inelastic outside portion *a* with returned ends attached, respectively, to an inside elastic or extensible portion *b* and passed through runner-loops *c'* *c*², to which are attached the inextensible portions *e'* *e*² for forming the front of the belt and carrying the halves of the clasp or fastening. These inextensible front portions may be formed from leather or fabric or from an assemblage of linked-together metallic plates.

Having fully described my invention, what I desire to claim and secure by Letters Patent is—

1. An expanding and self-adjusting waist-belt consisting of an endless band made up of an elastic or distensible portion and a longer inelastic portion whose returned extremities are attached respectively to the ends of the said elastic portion, a pair of loops or runner-fittings wherethrough the returned ends of the inelastic portion are passed, and clasp or fastener fittings connected to the said loops, substantially as described.

2. An expanding and self-adjusting waist-belt consisting of an endless band made up of an elastic or distensible portion and a longer inelastic portion, the elastic part being attached at its middle to the middle of the inelastic part and at its ends to the respective returned extremities of the said inelastic part, a pair of loops or runner-fittings wherethrough the returned ends of the inelastic part and a pair of clasps or fastener-fittings connected to the said loops, substantially as described.

3. In an expanding and self-adjusting waist-belt; the combination with an endless band forming the back of the belt and consisting of an elastic portion and a longer inelastic portion, of a pair of loops or runner-fittings wherethrough the ends of the inelastic part of the loop respectively pass, and a pair of inextensible front portions attached respectively to the loop or runners and carrying the halves of the clasp or fastener, substantially as described.

In testimony whereof I have hereunto set my hand in presence of two subscribing witnesses.

WALTER CLEMENT SPITTLE.

Witnesses:

HENRY SKERRETT,

HENRY NORTON SKERRETT.