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T. G. MEAS

TWIST CLOTHING FASTENER

Filed Oct. 3, 1922

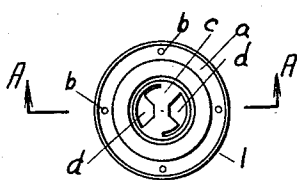


Fig. 1

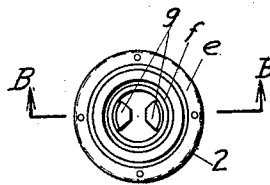


Fig. 2

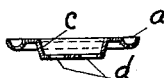


Fig. 3



Fig. 4

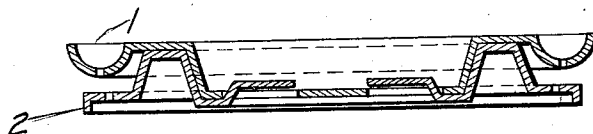


Fig. 5

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TWIST CLOTHING FASTENER.

Application filed October 3, 1922. Serial No. 592,139.

To all whom it may concern:

Be it known that I, THEODORE G. MEAS, a citizen of the United States of America, residing in the city of Detroit, county of Wayne, State of Michigan, have invented certain new and useful Improvements in a Twist Clothing Fastener, and declare the following to be a full, clear, and exact description of the same, such as will enable others skilled in the art to which it pertains to make and use the same, reference being had to the accompanying drawings, which form a part of this specification.

The object of my invention is to provide a fastener for clothing that can be used in the place of a button, attaching the edges of the cloth by means of socket hooks and are held in place by means supported by the twist of the cloth of the garment.

A further object is to provide a fastener that will operate effectively without the use of a spring catch, as is the usual form now in use for garments made of very thin cloth.

A still further object is to provide a garment fastener that is simple in construction, easily and efficiently operated and can be manufactured at a very low cost.

These several objects are secured in their preferred form by the construction and arrangement of parts as are more fully hereafter described.

Fig. 1, is a plan view of the socket disc, in an enlarged scale, showing the sockets and means for locking the hooks therein.

Fig. 2, is a plan view of the hook disc, also in an enlarged scale, showing the hooks provided for fastening the two discs together.

Fig. 3, is a sectional view —AA— through Fig. 1 showing the general form of the disc.

Fig. 4, is also a sectional view —BB— through Fig. 2, showing the shape of the hook disc.

Fig. 5, is an enlarged detail, in cross-section, showing the discs locked together in the closed position.

Similar parts on all drawings are marked by similar numerals.

I will now describe more fully the detailed construction of the twist fastener, referring to the drawings and the marks thereon.

The general construction of the twist fastener is of two circular disc plates, each to be sewed on the adjoining parts of the garment to be fastened together. One of

the discs being provided with fastening hooks, and the other having sockets to receive same and means for locking the two discs together.

The preferred designs of the discs comprising the disc fastener, are shown in Figs. 1 and 2. Disc —1— is circular in form, being pressed in a cup shape as illustrated in Fig. 3, having an external rim —a— provided with holes —b— therein suitable for sewing the disc on the cloth. The central portion —c— of the disc being pressed in the cup-shaped form, and provided with two openings —d— in the bottom thereof and on opposite sides of the cup, for receiving the connecting hooks on the other disc, said openings having narrow slots at one end thereof as illustrated in Fig. 1. The corresponding disc —2— is also circular in form, and is provided with an external rim —e—, having small holes therein for sewing said disc to the cloth of the garment. The disc —2— being pressed in form as illustrated in Fig. 4, having a socket —f— for receiving the cup portion —c— of disc —1—, therein, and holding same in a concentric position while closing. The center portion of disc —2— is partially cut away, forming two raised hooks —g— on opposite sides of the center. The size and shape of the hooks —g— are made to fit the openings —d— in disc —1—, being formed in such a manner that in closing the two discs together, as shown in Fig. 5, the hooks —g— pass through the openings —d— in disc —1—, being in a position slightly above the bottom of the cup portion —c— therein. On turning the disc —2— to the right, the hooks —g— engage the slots at the end of the openings —d—, thus locking the discs firmly and securely together. When desired to unfasten, the disc —2— is turned slightly to the left, disengaging the hooks from the narrow slots, and allowing the fastener to open.

In using my twist fastener, one of the discs is sewed to the edge of the garment to be fastened, and in a similar position to the ordinary button. The other disc should then be attached to the connecting portion of the garment, and sewed thereon in such a position that when the two pieces are connected together, the strain of the cloth as it hangs from the body, will hold the disc —2— in a position to keep the hooks —g— locked in the narrow slots at the end of the

openings —d— in the connecting disc, thus holding the garment securely fastened together, without having any visible buttons.

The fasteners may be very easily detached 5 by simply pressing the end of the finger over the outer disc and turning same slightly to the left, thus allowing same to slip freely from the openings —d— and unfastening the garment.

10 I do not wish to be confined to the exact construction of the fastener as set forth in this specification, but claim any form of fastener that is substantially a substitution of parts herein shown.

15 Having fully described my garment fastener, what I claim as my invention and desire to secure by Letters Patent is:

1. A twist garment fastener of the character described, comprising two circular 20 discs, means for fastening same to the closing edges of the garment, engaging clips for hooking said discs together and slotted means for locking said discs by turning one disc on the other.

25 2. A twist garment fastener of the character described, comprising two circular discs, means for fastening same to the closing edges of the garment, socket means for holding the discs concentric with each other 30 while closing, engaging clips for hooking

said discs together and slotted means for locking same by turning one disc.

3. A twist garment fastener substantially as set forth in the specification, comprising 35 two circular discs, means for fastening same to the closing edges of the garment, socket means for holding the discs concentric with each other while closing, engaging hooks from the central portion of one of the discs fitting the receiving sockets in the connect- 40 ing disc and passing therethrough, and slotted means for locking said discs together by rotating one of the discs.

4. A twist garment fastener substantially as set forth in the specification, comprising 45 two circular discs, means for fastening same to the closing edges of the garment, socket means for holding the discs concentric with each other while closing, engaging hooks from the central portion of one of the discs 50 fitting the receiving sockets in the connecting disc and passing therethrough, elongated slots at the ends to the receiving sockets for allowing the hooks to turn therein locking the two discs together said discs 55 being held in the locked position by the twist of the garment cloth.

In witness whereof I sign the specification.

THEODORE G. MEAS.