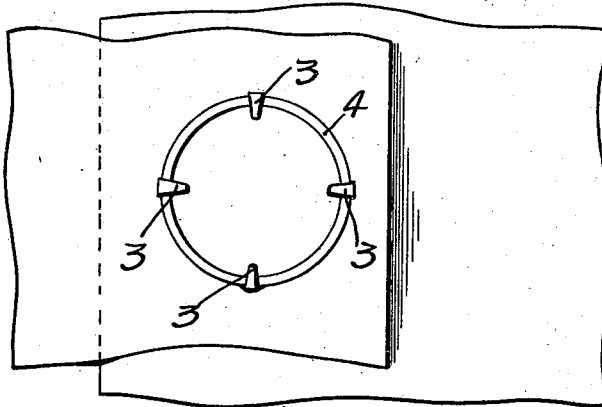
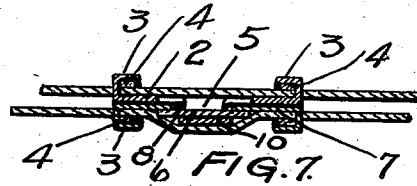
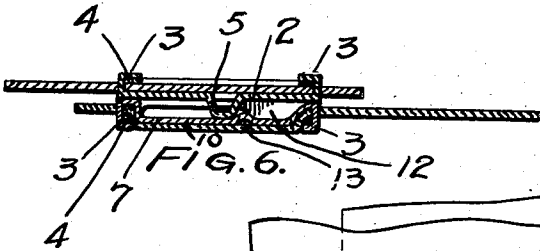
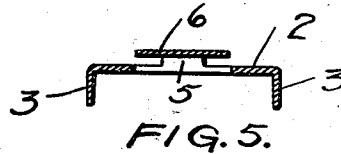
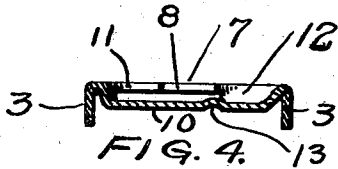
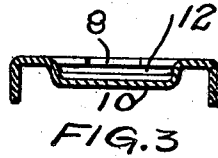
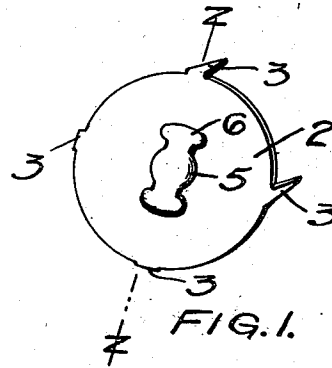
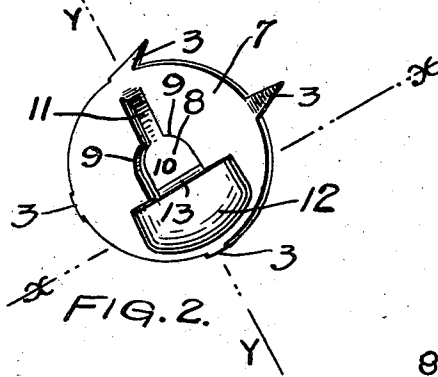


No. 723,969.

PATENTED MAR. 31, 1903.

N. J. YOUNG.
GARMENT FASTENER.
APPLICATION FILED NOV. 25, 1901.

NO MODEL.



WITNESSES

E. G. Starnes
M. C. Noonan

FIG. 8.

INVENTOR

NELLIE J. YOUNG.
BY *Paul & Paul*,
HER ATTORNEYS

UNITED STATES PATENT OFFICE.

NELLIE J. YOUNG, OF MINNEAPOLIS, MINNESOTA.

GARMENT-FASTENER.

SPECIFICATION forming part of Letters Patent No. 723,969, dated March 31, 1903.

Application filed November 25, 1901. Serial No. 83,544. (No model.)

To all whom it may concern:

Be it known that I, NELLIE J. YOUNG, of Minneapolis, Hennepin county, Minnesota, have invented certain new and useful Improvements in Garment-Fasteners, of which the following is a specification.

My invention relates to improvements in garment-fasteners designed for fastening or securing one garment to another or for fastening together the meeting or overlapping edges of a single garment.

The object of my invention is to provide an improvement over the garment-fastener shown and described in Letters Patent of the United States issued to me June 18, 1901, No. 676,810.

The invention consists generally in providing a garment-fastener composed of two members which are capable of being interlocked or fastened together or disengaged from each other without twisting or rotating either member or the garment to which they are attached.

Further, the invention consists in various constructions and combinations, all as hereinafter described, and particularly pointed out in the claims.

In the accompanying drawings, forming part of this specification, Figure 1 is a perspective view of one portion of the fastener embodying my invention. Fig. 2 is a similar view of the other member of the fastener. Fig. 3 is a section on the line *xx* of Fig. 2. Fig. 4 is a similar view on the line *yy* of Fig. 2. Fig. 5 is a section on the line *zz* of Fig. 1. Fig. 6 is a section of the fastener, showing the members attached to a garment and locked together. Fig. 7 is a similar view on a line at right angles to the section-line of Fig. 6. Fig. 8 is a view showing the preferred manner of securing the fastener members to the garment.

In the drawings, 2 represents a disk, plate, or button forming one member of the fastener and considerably enlarged to more clearly illustrate the construction of the device. The plate is provided with a series of flexible points or prongs 3, adapted to pierce the material of which the garment is composed and be clenched around a ring 4 on the back side of the material to prevent any possibility of the prongs being pulled through

the garment. Any other suitable means may be provided for securing the plate, such as forming a series of holes in the edge of the same and sewing it to the garment. Near the center of the plate 2 I provide a short-necked stud 5, surmounted by an elongated head 6, both formed, preferably, by striking up a portion of the metal near the center of the plate, as shown in Fig. 5. The die employed to form the stud and head is preferably shaped to cause the sides of the studs to be rounded or bulged, as shown in Fig. 1, so that when the members are placed together the stud will fit snugly in its slot in the opposite member and slipping or sliding of one member upon another will be prevented. It will be understood, of course, that this stud and head may be made independently of the plate and secured thereto, as set forth in my former patent above referred to; but I prefer to employ the construction herein shown on account of its simplicity and cheapness.

The opposite member 7 of the fastener (shown in Fig. 2) corresponds substantially in shape and size to the member described and is fastened in a similar manner to the garment and provided with a slot 8, formed by striking up a portion of the metal near the center of the plate. The slot has curved edges 9, conforming substantially to the curved sides of the stud 5, and the portion of the member 10 that is pressed or bulged out by the action of the die forms a shield or guard on the back side to prevent the head or stud from chafing or wearing the garment to which the member 7 is attached. The slot 8 is contracted into a narrow extension 11, that is too small to permit the stud to enter therein, and on the opposite side the open end of the slot communicates with a semi-circular depression 12, that preferably is formed in the plate simultaneously with said slot. This depression extends substantially at right angles to the slot 8 and has curved or dished edges to facilitate the entrance of the head and stud on the opposite plate.

In fastening the two members together the head of the stud is inserted into the depression 12, and upon sliding one member upon another the stud will enter the open end of the slot, where its head will stand at right angles thereto and hold the members of the

fastener together, the shield or guard preventing chafing or wearing of the garment. To prevent accidental disengagement of the head from the slot, I prefer to form a rib 13 in the guard 10, extending across the open end of the slot, so that after the head has passed over this rib or hump it cannot accidentally slip out of the slot.

With this construction of fastener I am able to secure one garment to another or fasten together the meeting edges of a single garment without the necessity of rotating or twisting either member or the garment to which it is attached to lock the members together or separate them. A fastener of this kind can be attached to a garment and the members secured together or separated as easily and conveniently as an ordinary hook and eye without danger of wearing or chafing the garment. After the members are fastened together the ends of the head will extend into the space on each side of the slot between the edges of the slot and the shield or guard, and while sliding freely therein to permit convenient interlocking or separation of the members will fit snugly enough to prevent any objectionable movement of one member with respect to the other when in use.

The device may be stamped from sheet metal and made any suitable size. It may be used on various garments and is particularly adapted for underwear.

I claim as my invention—

1. As a new article of manufacture, a garment-fastener, comprising two plates or members and means for securing them to a garment, one plate being provided with a shank or stud having an elongated head, the other having a slot and a guard pressed or punched out by the formation of said slot, said last-

named plate also having a shallow depression formed simultaneously with said slot and communicating with one end thereof and extending in a direction substantially at right angles thereto, said depression having a closed bottom and walls that are slotted on the side contiguous to said slot to allow said head to be slipped therethrough between the edges of said slot and guard, and said walls opposite the slot being inclined toward the same to aid in guiding said shank and head therein.

2. As a new article of manufacture, a garment-fastener, comprising two plates or members and means for securing them to a garment, one plate being provided with a shank or stud having an elongated head, the other having a slot and a guard pressed or punched out by the formation of said slot and united at both ends with its plate, said last-named plate also having a shallow depression formed simultaneously with said slot and communicating with one end thereof and extending in a direction substantially at right angles thereto, said depression having a closed bottom and walls that are slotted on the side contiguous to said slot to allow said head to be slipped therethrough between the edges of said slot and guard, said walls opposite the slot being inclined toward the same to aid in guiding said shank and head therein, and a rib or hump provided transversely of said guard beneath the open end of said slot, substantially as described.

In witness whereof I have hereunto set my hand this 20th day of November, 1901.

NELLIE J. YOUNG.

In presence of—

RICHARD PAUL,
M. C. NOONAN.