

J. DANENMARK.
FASTENING DEVICE FOR CORSETS.
APPLICATION FILED OCT. 27, 1910.

992,549.

Patented May 16, 1911.

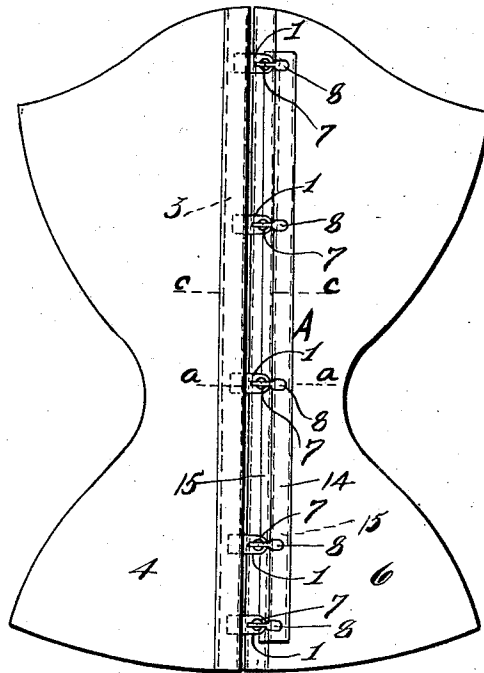


Fig. 1.

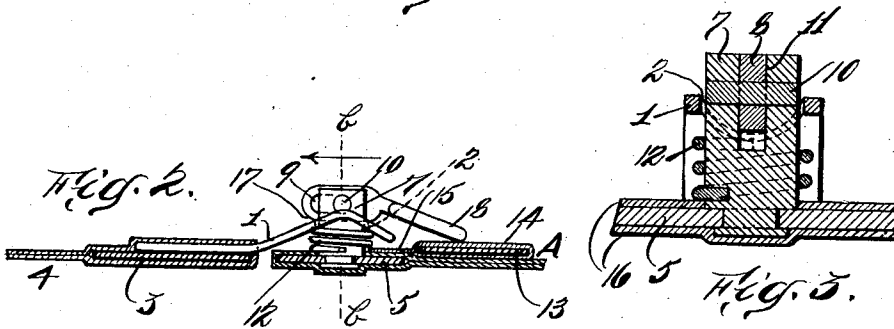


Fig. 2.

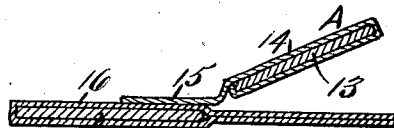


Fig. 3.

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UNITED STATES PATENT OFFICE.

JACOB DANENMARK, OF NEW YORK, N. Y.

FASTENING DEVICE FOR CORSETS.

992,549.

Specification of Letters Patent.

Patented May 16, 1911.

Application filed October 27, 1910. Serial No. 589,315.

To all whom it may concern:

Be it known that I, JACOB DANENMARK, a subject of the Czar of Russia, residing at the borough of Brooklyn, city, county, and State of New York, have invented certain new and useful Improvements in Fastening Devices for Corsets, of which the following is a full, clear, and exact description.

This invention relates to an improved securing device for corsets and the like, the object being to provide a securing means whereby the operation of loosening corsets, for the purpose of removing them from the body is rendered much easier than with the usual button and eye fasteners.

A further feature of my invention is a device adapted to operate the locking elements of my improved fastening device in a manner to cause them to permit of the disconnecting of the halves of the corset.

My improved fastening device renders the operation of securing the corset to the body a comparatively easy task.

I will now proceed to describe my invention in detail, the novel features of which will be pointed out in the claims, reference being had to the accompanying drawing forming part hereof, wherein:

Figure 1 is a front view of a corset provided with my improved securing device; Fig. 2 is an enlarged sectional view, taken on a line *a-a* in Fig. 1, a portion of the fabric of the corset only being shown; Fig. 3 is a similar view taken on a line *b-b* in Fig. 2; and Fig. 4 is a sectional view taken on a line *c-c* in Fig. 1, the releasing device being shown in a raised position.

To secure a corset to the body, I employ a plurality of securing devices which are adapted to be simultaneously released by a releasing device mounted adjacent thereto.

The securing devices above referred to consist each of a catch or plate 1, provided with an opening or eye 2. The plates 1 are secured, at one end thereof, to a steel or stay 3, extending the length of and located along the end or vertical edge of the half or member 4 of the corset. The free end of each plate 1 extends sufficiently beyond the vertical edge of the corset member 4 to overlap the steel or stay 5 which extends the length of and is located along the vertical end of the other corset member 6. To the steel or stay 5, I secure studs 7 which are adapted to pass through the eyes 2 in the catches or plates 1, when the members 4

and 5 are to be secured together. To each stud 7 I movably secure a keeper or latch 8 provided with a slot 9, through which a pin 10 carried by each stud 7 passes. The keepers 8 work in slots 11 in the studs 7. The purpose of mounting the keepers 8 in this manner is to adapt them for movement transversely of the axis of the studs 7 as well as to adapt them for radial movement for a purpose to be hereinafter explained.

To prevent the keepers 8 from lashing when the catches or plates 1 and studs 7 are engaged one by the other for the purpose of securing the corset to the body, I provide coil springs 12 which are passed over the studs 7 and are secured thereto, at their lower end, as shown in Fig. 3. The springs 12 are adapted to be compressed when the elements of the securing device are being locked together, whereby a constant upward pressure, against the keepers 8, is maintained after the said keepers have been pressed down to the position shown in Fig. 2.

One of the main features of my invention is a device A for the purpose of actuating all of the keepers 8 simultaneously for the purpose of causing them to assume a position which will permit of the disconnection of the elements of the locking device. The releasing device referred to renders the disconnection of the elements of the corset an easy task and obviates the trouble now existing with the usual button and eye connections.

When a corset is tightly secured to the body, it is oftentimes difficult to compress the body sufficiently to allow the connections to be released and is the frequent cause of the breaking of the stays or steels should the halves of the corset be pulled and twisted. My improved releasing-device obviates this difficulty.

The releasing device above referred to consists of a movable plate 13 which extends substantially the length of the front of the corset and is located in a position to actuate the keepers 8 (see Fig. 2). To retain the plate 13 in position as well as to adapt it for upward movement, I provide a loop 14 preferably of fabric the tag 15 of which is secured to the fabric 16, which retains the stay 5. When mounted in this manner the plate 12 can be moved upwardly to contact with the keepers 8, whereby the outer end of the said keepers 8 will be moved upwardly by a continued upward

movement of the plate 13, thereby rotating them on the pins 10 for the purpose of causing the said latches to assume a vertical position at which time the eye-plates 1
 5 can be removed from the studs 7 and passed over the vertically positioned keepers 8. To secure the corset to the body the latches 8 are caused to assume a vertical position with respect to the stud 7. The corset member
 10 4 is then pulled to bring the openings 2 therein above and in line with the said latches. The plates 1 are then pressed downwardly until they contact with the springs 12. A further downward pressure
 15 upon the plates will compress the springs 12. When the plates have been pressed down to their full extent, the vertically positioned latches are then forced over until the outer ends thereof contact with the releasing device, at which time they can be pushed
 20 transversely of the axis of the stud 7 to bring the heels 17 thereof in contact with the material of their respective plate or catches, as shown in Fig. 2.

25 When in the above described position the tension of the springs 12 will prevent the keepers from lashing or moving. As has been described, the keepers 8 may be caused to assume a vertical position for the purpose of disconnection of elements of the securing device, by forcing the releasing device A upwardly.

30 Having now described my invention what I claim and desire to secure by Letters Patent is:
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1. A fastening device for corsets consisting of a stay adapted for attachment to one member of a corset, a plurality of plates

provided with openings, carried by said stay, a stay adapted for attachment to the other
 40 member of said corset, a plurality of studs, carried by the stay last named, adapted to pass through the openings in said plates, a releasable latch carried by each of said studs, adapted to lock said plates and said
 45 studs together, and a releasing device adapted to release all of said latches simultaneously, said releasing device comprising a movable plate adapted for attachment to a corset.

50 2. A fastening device for corsets consisting of a stay adapted for attachment to one member of a corset, a plurality of plates provided with openings, carried by said stay, a stay adapted for attachment to the other
 55 member of said corset, a plurality of studs carried by the stay last named, adapted to pass through the openings in said plates, a releasable latch carried by each of said studs adapted to lock said plates and said studs
 60 together, and a releasing device adapted to release all of said latches simultaneously, said releasing device comprising a movable plate adapted for attachment to a corset, said releasing device consisting of a piece
 65 of fabric looped around said plate and provided with a tag adapted for attachment to a corset, the looped portion of said fabric and said plate being adapted for upward movement.

70 Signed at New York city, N. Y., this 25th day of October 1910.

JACOB DANENMARK.

Witnesses:

ESTELLE O. HAMBURGER,
 EDWARD A. JARVIS.