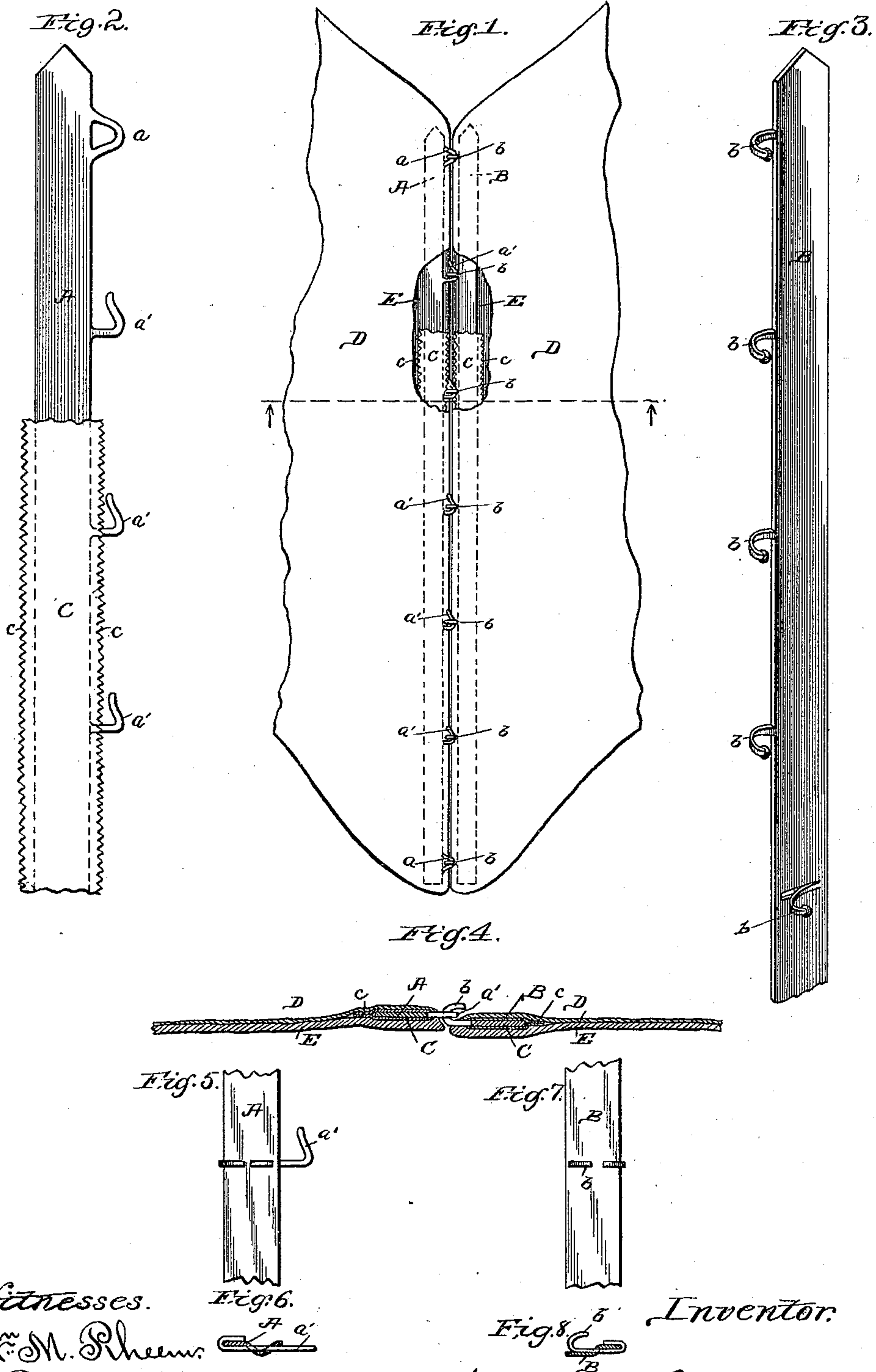


(No Model.)

J. LEONTIN.
GARMENT FASTENING.

No. 447,076.

Patented Feb. 24, 1891.



Witnesses.

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JOHANNA LEONTIN, OF CHICAGO, ILLINOIS.

GARMENT-FASTENING.

SPECIFICATION forming part of Letters Patent No. 447,076, dated February 24, 1891.

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To all whom it may concern:

Be it known that I, JOHANNA LEONTIN, a subject of the King of Sweden, who have made oath of my intention to become a citizen of the United States, residing at Chicago, in the county of Cook and State of Illinois, have invented certain new and useful Improvements in Fastening Devices for Garments and other Articles; and I do hereby declare that the following is a full, clear, and exact description of the invention, which will enable others skilled in the art to which it pertains to make and use the same, reference being had to the accompanying drawings, forming a part hereof, in which—

Figure 1 is an elevation showing the inside of a portion of a waist-front with the fastenings thereto applied. Fig. 2 is an elevation of one of the strips. Fig. 3 is an elevation of the other strip. Fig. 4 is a section on line *y y* of Fig. 1. Fig. 5 is a detail showing the hook separate from the strip. Fig. 6 is a section of Fig. 5. Figs. 7 and 8 is an elevation and section showing the hooks separate from the strip.

The practice now employed for fastening a dress-waist and not have the fastening means show is to use hooks and eyes; but with such means it is necessary to engage each separate hook with its eye, which is tedious and oftentimes, where the waist is close-fitting, very difficult to accomplish, and where the waist is of plush material or velvet the imprint of the fingers in forcing the hooks into the eyes is left on the material, presenting an unsightly appearance, and in the use of hooks and eyes the strain is liable to loosen the attachment, allowing the waist to open more or less, which is very disagreeable and unpleasant. The object of this invention is to construct a fastening which can be easily attached to dress-waists and other articles and by the use of which the waist can be readily and quickly secured, and which does not require any great labor and trouble in making the connection, and have such fastening one that can be connected together without marking and disfiguring the material, and which can also be easily disconnected when it is desired to unfasten and remove the waist or other article; and its nature consists in two fastening-strips, one having an eye or loop and the other a

hook at the end and one having a series of longitudinally-open hooks and the other a series of transversely-open hooks at the edge; in two fastening-strips, one provided with an eye or loop at each end and a series of longitudinally-open hooks at its edge and the other provided with a series of hooks on its edge transversely open to engage with the eyes or loops and the hooks of its companion strip; in two fastening-strips, one provided with an eye or loop at each end and a series of hooks intermediate of the eyes or loops and the other provided with a hook at each end and a series of hooks intermediate of the end hooks, with the hooks of one series longitudinally open and the hooks of the other series transversely open, and in the several parts and combination of parts hereinafter described, and pointed out in the claim as new.

In the drawings, A represents one of the fastening-strips, made of steel or other flexible material that will readily conform to the shape of the body or other place where the article to which the fastening is applied is to be worn or used, and which will return to its normal condition when unfastened and not retain the shape it was in when fastened, the strip having the necessary elasticity to yield to the shape where worn and not be rigid and uncomfortable. This strip A at each end has a closed eye or loop *a*, and between these eyes or loops is a series of hooks *a'*. The eyes or loops *a* and the hooks *a'* can be formed with the strip A, as shown in Fig. 2, or they can be made separate and united to the strip in any suitable firm manner, as in Figs. 5 and 6.

B is the companion strip for the strip A, made of the same flexible material and possessing the same qualities as possessed by the strip A. The strip B has a series of hooks *b*, one for each eye or loop *a* and each hook *a'*, and these hooks *b* are formed and arranged to readily engage with the eyes or loops *a* and the hooks *a'* when the strips A and B are brought together, or nearly so, at their edges. The hooks *b* can be formed with the strip B, as shown in Fig. 3, or they can be made separate and united to the strip in any suitable firm manner, as in Figs. 7 and 8, and, if desired, at the end of each hook *b* a head or enlargement can be provided to prevent the hooks from slipping out too easily from their

engagement with the eyes or loops *a* and hooks *a'*.

C is a covering inclosing each strip A and B and united to its strip to leave on each side of the strip an edge *c*, by means of which the strips A and B can be sewed into place.

D is a lining for the dress-waist, to which at the edges the strips A and B can be sewed by the edges *c*.

E is the dress-waist, united to the lining D in the usual manner.

The strips A and B, having the eyes or loops *a* and the hooks *a'* formed with the strip A or attached thereto, and the hooks *b* formed with the strip B or attached thereto, are each inclosed in a covering C for the edges *c* to project on each side of each strip, and when covered the strips are ready for attachment to the waist or other place. The attachment is made by sewing or otherwise uniting the strips to the opposite sides of a waist-lining in such relation to have the hooks *b* in line with the eyes or loops *a* and the hooks *a'*, so that the hooks *b* can be made to interlock with the eyes or loops *a* and the hooks *a'* and maintain a uniformity of line to fasten the sides or edges of the waist together.

In use the top hook *b* is entered into the top eye or loop *a*, and the bottom hook *b* is entered into the bottom loop or eye *a*, and such entering of these hooks *b* forces the intermediate hooks *b* into engagement with the hooks *a'* without any pressure for each separate hook, as the hooks *b* enter the hooks *a'* naturally and of themselves by the entering of the top and bottom hooks *b* into the eyes or loops *a*, so that in closing and securing the waist together all that is required is to enter the top and bottom hooks *b* into the top and bottom eyes or loops *a* for the intermediate hooks *b* to engage the hooks *a'*. The closed eyes or loops *a* hold the strips, when locked together, against end movement, and thereby retain the hooks *b* in engagement with the hooks *a'*, and to disengage the hooks *b* from the hooks *a'* all that is required is to release the end hooks *b* from the eyes or loops *a* at the top and bottom, when an endwise movement of the strips can be had with drawing the hooks *a'* from the hooks *b*, and this release of the hooks *a'* is simultaneous, or nearly so, for all of them, and is had without pressure on the material of the waist for each hook *a'*. The hooks *b*, as shown, are turned inward, so as not to indent the waist, and the hooks *a'* open upward; but the hooks *b* can stand outward and the hooks *a'* open downward without departing from the spirit of my invention, which is two interlocking strips, one having at each end a closed eye or loop and between the eyes or loops a series of hooks and the other having a series of hooks, essentially as herein shown and described.

By using the interlocking strips A and B all that is required to engage one strip with the other is to enter the end hooks *b* into the end eyes or loops *a*, and by this arrangement no soiling of the material is had, and as the strips and their fastening devices are as one piece it will be seen that the hooks cannot be drawn away from the strips individually, the result being a tight closing of the waist the entire length.

The fastening is very simple, and can be readily applied to a waist or other article, and in use will furnish a firm and unbroken fastening for the article, which can be easily locked together or unlocked for removal of the waist or other article.

The securing of the strips in place secures, likewise, all the eyes and hooks in position, dispensing with the care and attention required in securing hooks and eyes in position to engage each other and not draw on the material, and doing away with the necessity of marking and setting, as required with hooks and eyes.

A single closed eye or loop is shown at each end of the strip A; but, if desired, two of such eyes or loops can be used at each end of such strip A, and the hooks *a'* used intermediate of the inner eyes or loops, and, although for ordinary and general use a single closed eye or loop at each end will be found sufficient, still in practice two of such eyes or loops can be used at each end, giving a stronger attachment at the ends, without changing the spirit of the invention.

The hooks *b* can be formed on the edge of the strip B, or they can be formed within the strip, as shown by the single hook in Fig. 3. The strips are shown with an eye or loop and a coacting hook for each end; but an eye or loop and a coacting hook can be used at one end only of the strips, in which case the other end of the strips would have interlocking hooks of the same kind as the hooks on the respective strips.

What I claim as new, and desire to secure by Letters Patent, is—

The combination of two fastening strips or busks, one having a series of upwardly-open hooks on the strip or busk, with the point of each hook turned toward the edge of the strip or busk to form a locking-bend, and the other provided with a series of hooks opening crosswise of the strip or busk, the two series of hooks interlocking by a hook of one series receiving and engaging by overlapping the hook of the other series, and a loop or eye and a hook interlocking at the end of the two strips or busks, substantially as specified.

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Witnesses:

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