(No Model.)

E. RÖDERSTEIN.

CORSET FASTENING.

No. 551,559. Patented Dec. 17, 1895.

Fig. 1.

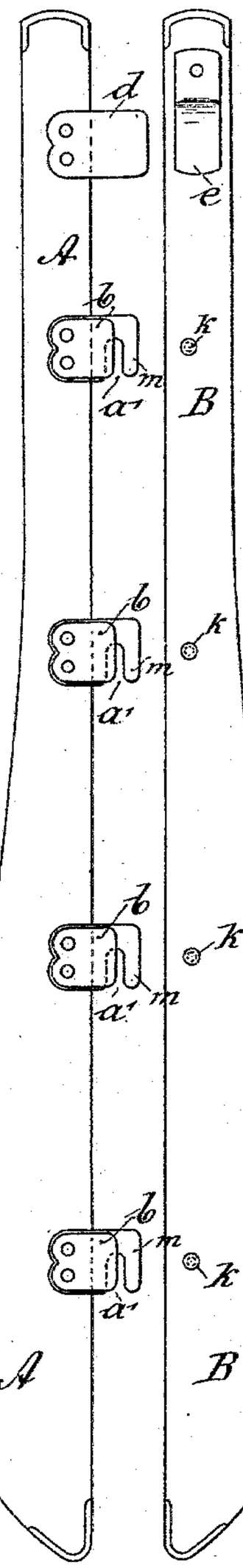
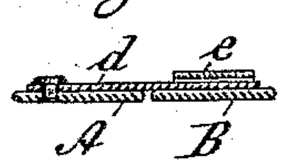


Fig. 5.



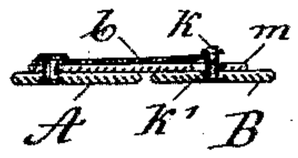


Fig. 4.

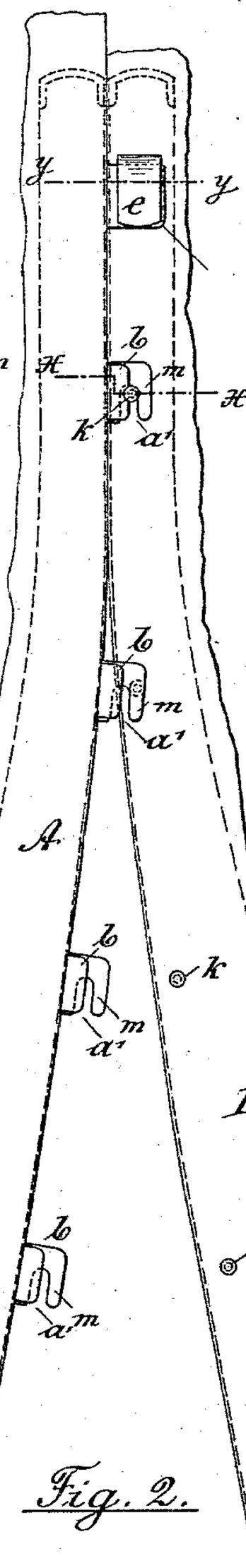
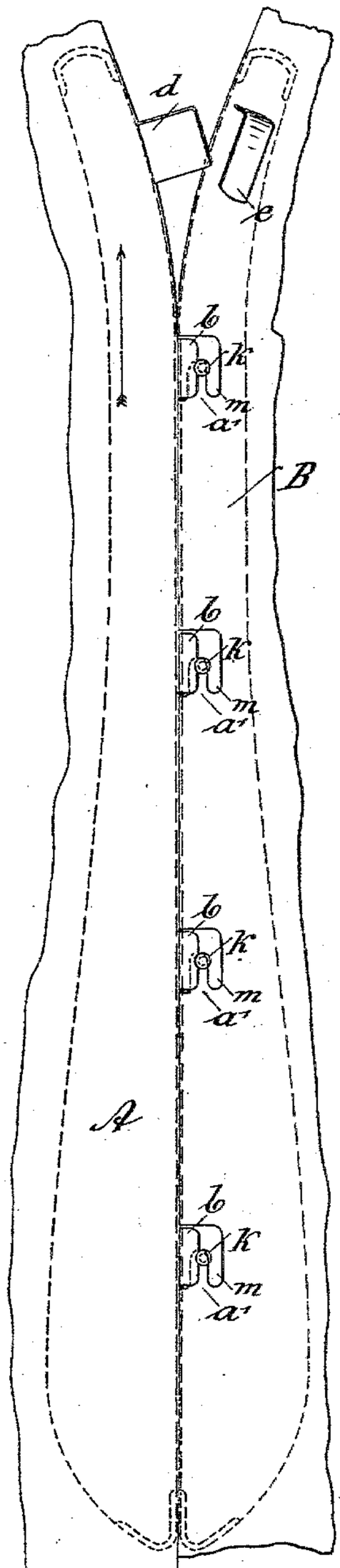


Fig. 2.

Fig. 3.



Witnesses:

William Miller

Chas. E. Pourgeed.

Inventor:

Ernst Röderstein

By Hauff & Hauff

His Attorneys

UNITED STATES PATENT OFFICE.

ERNST RÖDERSTEIN, OF BARMEN, GERMANY.

CORSET-FASTENING.

SPECIFICATION forming part of Letters Patent No. 551,559, dated December 17, 1895.

Application filed September 14, 1895. Serial No. 562,562. (No model.)

To all whom it may concern:

Be it known that I, ERNST RÖDERSTEIN, a subject of the King of Prussia, German Emperor, residing at Barmen, in the Province of Rhenish Prussia, Kingdom of Prussia, and Empire of Germany, have invented new and useful Improvements in Corset-Fastenings, of which the following is a specification.

My invention has for its object a corset-fastening so constructed and arranged that when putting on the corset the hook-like fasteners are connected one after the other in the usual manner, but are simultaneously disconnected when unfastening the corset.

In the accompanying drawings, to which reference is hereinafter made, Figure 1 shows the fastenings when the corset is open. Fig. 2 shows the fastening partly made. Fig. 3 shows the whole of the hooks connected up with the safety-fastening (hereinafter described) released. Fig. 4 is a section through *x x* of Fig. 2. Fig. 5 is a section through *y y* of Fig. 2.

The fastening devices are secured to stay-strips or plates A B attached to the material forming the corset in the usual manner.

On the strip A are hooks *m*, each of which I provide with a plate-spring *b*, which partly covers the opening in the hook and forms with its projecting edge the narrow slit *a'* open at one end.

The spring-plates or leaf-springs *b* are superimposed over the hooks *m* and are rigidly secured thereto at one end by rivets or other suitable fastening devices passing through the hooked plates and through the strip or stay A. The front ends of the spring-plates or leaf-springs *b* are susceptible of being pressed in a direction away from the hooked plates, as will hereinafter appear.

On the strip B are studs *k* opposite to the corresponding hooks *m*. The body or shank *k'* of each stud corresponds in thickness to the slit *a'*, while the head of the stud is of such a size that the hook can be pressed over and on the body of the stud, during which operation the spring *b* yields and then snaps in underneath the head, as shown in Fig. 4.

The hook and stud fastening is usual in corsets as at present made, but by the use of the spring *b* the stud is prevented from slipping back through the hook. In order to prevent the stud escaping laterally through the end of the slit *a'*, I provide in the fastening-strips a safety-fastening or locking device, which may most conveniently be placed at the upper end of the strips. This device consists of a staple *e* open at one side on one of the strips and of a projection or lug *d* on the other strip. The hooks being fastened and the lug *d* caused to engage under the staple *e*, Fig. 2, an accidental longitudinal displacement of the strips and the consequent escape of the studs is prevented.

I do not confine myself to the particular device shown for preventing the longitudinal displacement of the strips A and B, since other devices—as, for example, a stud or pin taking into a horizontal slot—may be used. When putting on the corset (when it is not possible to fasten the hooks simultaneously) the safety device *e d* is first closed by simply pushing the lug *d* under the staple *e*, Fig. 2. The corset is then fastened from the top by first pulling together the strips A B and pressing the top stud into the slit *a'*, as shown in Fig. 2. Thereupon the next hook is fastened, and so on until all is secure. In this way there is no material departure from the usual way of putting on a corset while obtaining a perfectly safe fastening.

In taking off the corset the safety-lug *d* is withdrawn, Fig. 3, when the strip A can be lifted or moved in the direction of the arrow shown in Fig. 3, and thus all the hooks may be simultaneously released.

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

1. In a corset fastening, the combination of the stay-strips A and B, the open hooks *m* secured to one of the stay-strips, the leaf-springs *b* superimposed on and rigidly secured at one end to the hooks, said leaf-springs having their free extremities extending partially over the open portions of the hooks, so that one edge of each spring in connection with one edge of the open portion of each hook provides a contracted opening or slit, and headed studs *k* attached to the other stay-strip and adapted to pass through the hooks and snap into engagement with the edges of the superimposed leaf-springs, said studs being dis-

connected from the hooks by passing through the aforesaid contracted slits or openings, substantially as and for the purposes described.

2. In a corset-fastening, the combination of the stay-strips A and B, the hooked plates *m* secured to one of the stay-strips, the leaf-springs *b* superimposed on and rigidly attached at one end thereto, said leaf-springs having their free extremities extending partially over the open portions of the hooks, so that one edge of each spring, in connection with one edge of the open portion of each hooked plate provides a contracted slit or opening, headed studs *k* attached to the other stay-strip and adapted to pass through the openings of the hooked plates and snap into engagement with the edges of the superimposed leaf-springs, a staple *e* secured to one of the strips, and a lug *d* secured to the other of said strips and adapted to enter the staple to hold the stay-strips against lengthwise movement, substantially as and for the purpose described.

3. In a corset fastening the hooks and studs, combined with springs having their free ends made to partly cover the hooks, while allowing the latter to be pressed or snapped onto the studs to cause said springs to snap under the heads of the studs, and leaving the hooks free to be slipped off the studs, and a safety lock *d e* common to the fastening parts for preventing disengagement of the latter substantially as described.

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

ERNST RÖDERSTEIN.

Witnesses:
R. E. JAHN,
F. H. STRAUSS.