

W. S. PHYFE.

CORSET-CLASP.

No. 187,308.

Patented Feb. 13, 1877.

Fig. 1.

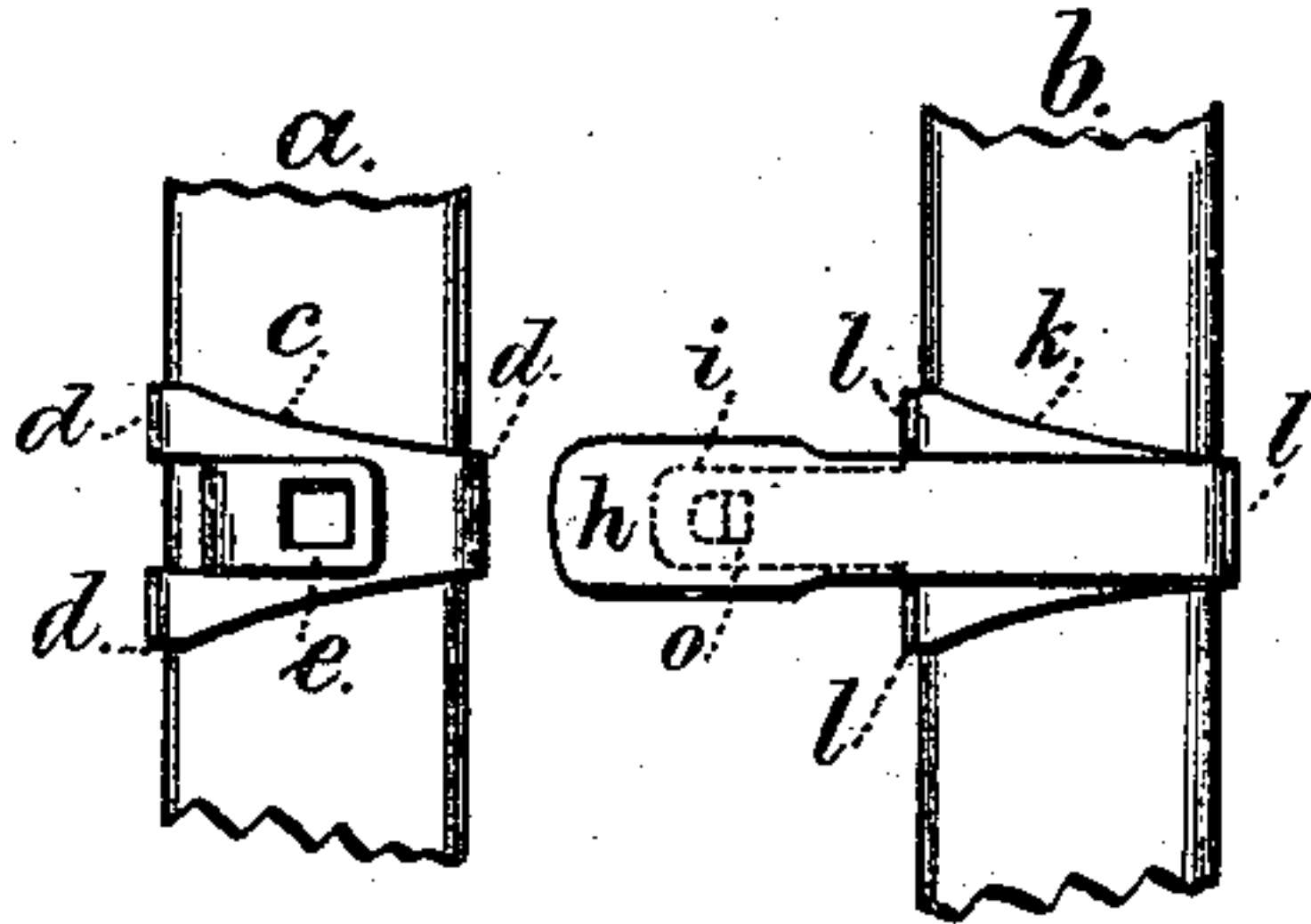


Fig. 2.

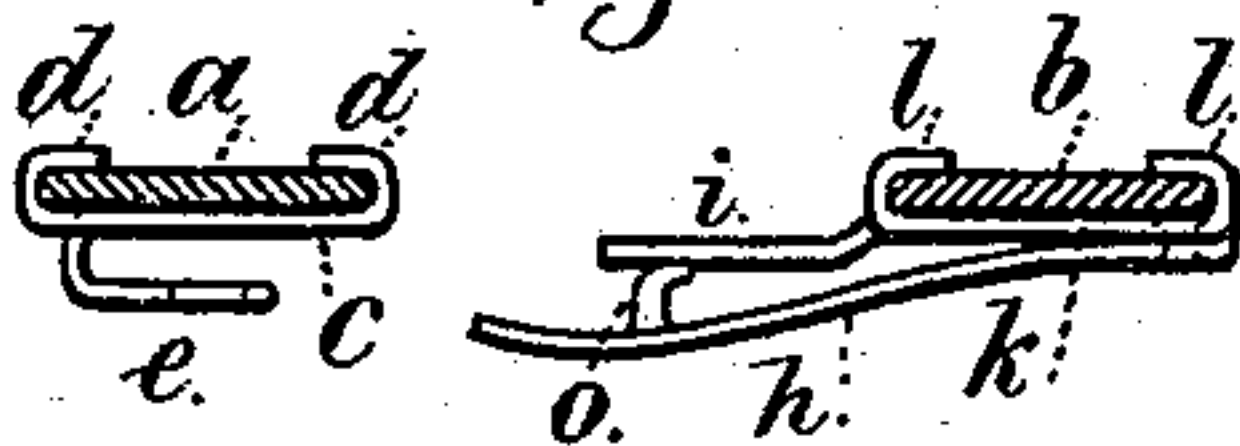
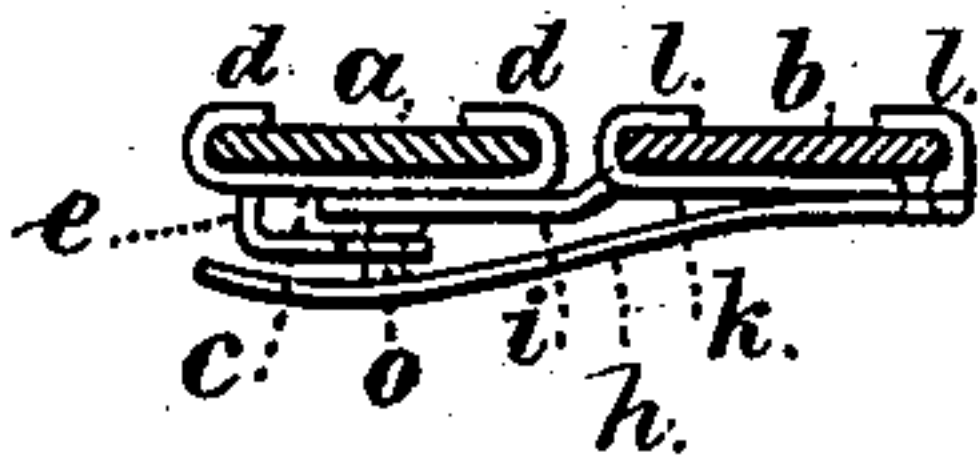


Fig. 3.



Witnesses.

Chas. H. Smith
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att'y

UNITED STATES PATENT OFFICE.

WILLIAM S. PHYFE, OF NEW YORK, N. Y.

IMPROVEMENT IN CORSET-CLASPS.

Specification forming part of Letters Patent No. 187,308, dated February 13, 1877; application filed January 25, 1877.

To all whom it may concern:

Be it known that I, WILLIAM SNODGRASS PHYFE, of the city and State of New York, have invented an Improvement in Corset-Clasps, of which the following is a specification:

Corsets have been provided with two steel springs, one at each edge, and upon these there have been sheet-metal clasps, one of which was provided with a tongue and mortise, the other of which had a tongue with a stud and a spring to press the mortised tongue upon the stud. In this case the steel springs did not come close together.

My present invention is for providing a spring-clasp that cannot become disconnected accidentally, and in which the springs are brought close together.

In the drawing, Figure 1 is an elevation of said clasp as separated. Fig. 2 is a plan of the same, and Fig. 3 is a similar view of the parts as hooked together.

The corset-steels *a b* are of the usual kind, and by preference covered so as to prevent rust. There are two, three, or more pairs of clasps upon the steels or busks, placed at suitable distances apart, and each pair of clasps is made in the following manner: One of the clasps, preferably that at the right side of the corset as buckled around the person, is made of a plate, *c*, of metal, with tongues *d d* at the ends thereof that are bent around the edges of the steel to secure the clip in place upon such steel, and with the mortise-eye *e*, that is

made of a portion of the sheet-metal *c*, having a square perforation or mortise through it and returned backwardly in front of the plate *c*, leaving a space, into which the tongue *i* upon the plate *k* can be thrust. This plate *k* has upon its ends the clips *l*, that are bent around the edges of the busk or steel *b*, so as to secure the plate *k* firmly to the same. There is a spring-tongue, *h*, that projects from the plate *k*, it may be a part of said plate *k* or riveted to the same, and upon the back of this spring there is a tooth, *o*.

The positions of these parts are such that when the clasps are brought together and the tooth *o* enters the mortise in the eye *e*, the springs *a* and *b* lie closely together.

The spring *h* is self-operating in closing, and it is easily lifted to separate the parts of the clasp, and the tongue *i* passing in front of the busk *a* and behind the eye *e* prevents the parts separating accidentally.

I claim as my invention—

The eye *e* upon the plate *c* and in front of the steel *a*, in combination with the spring *h* and tooth *o* and the tongue *i*, arranged to pass between the eye *e* and the steel *a*, substantially as set forth.

Signed by me this 23d day of January, A. D. 1877.

WILLIAM S. PHYFE.

Witnesses:

GEO. T. PINCKNEY,
CHAS. H. SMITH.