(No Model.)

P. LAFLIN.

CORSET STEEL FASTENING.

No. 312,209. Patented Feb. 10, 1885.

Fig: 1.

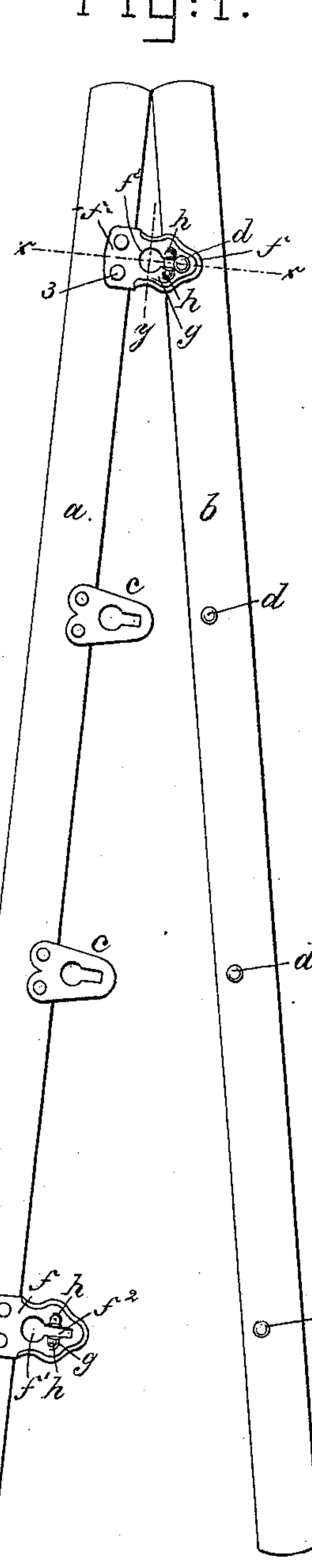


Fig: 2.

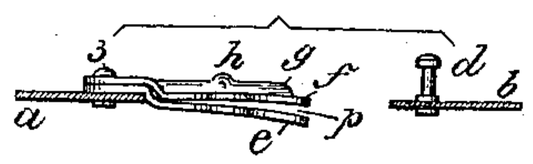


Fig: 3.

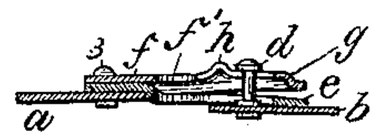


Fig: 4.

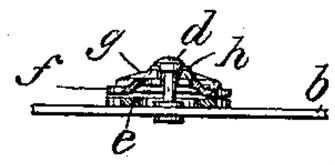
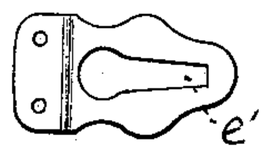


Fig: 5.



Witnesses.

Arthur Lispenard.

Henry Marsh

Inventor.

Perley Laflin

by Crosby Gregory Attys.

UNITED STATES PATENT OFFICE.

PERLEY LAFLIN, OF WARREN, ASSIGNOR TO THEODORE C. BATES, OF NORTH BROOKFIELD, MASSACHUSETTS.

CORSET-STEEL FASTENING.

SPECIFICATION forming part of Letters Patent No. 312,209, dated February 10, 1885.

Application filed March 7, 1884. (No model.)

To all whom it may concern:

Be it known that I, PERLEY LAFLIN, of Warren, county of Worcester, State of Massachusetts, have invented an Improvement in Corset-Steel Fastenings, of which the following description, in connection with the accompanying drawings, is a specification, like letters on the drawings representing like parts.

This invention relates to a corset-clasp of novel construction, adapted to retain the steels about the body and prevent the corset containing them from being accidentally unclasped.

Figure 1 represents a pair of steels provided at bottom and top with fastenings embodying my present improvements. Fig. 2 represents the two steels in cross-section, with the attached parts in side elevation; Fig. 3, a section of Fig. 1 on the dotted line *x;* Fig. 4, a section thereof on the dotted line *y*, Fig. 1, looking toward the right; and Fig. 5, the under plate of one of my improved fasteners detached.

The steels *a b*, eyes *c*, and headed studs *d*, are all of usual construction.

My improved fasteners are composed each of an under plate, *e*, provided with an eye, *e'*, and an outwardly-extended slot, e^2, and of an upper plate, *f*, having an enlarged stud-receiving eye, *f'*, and a connected outwardly-extended contracted slot, f^2. The metal of which the plate *f* is composed is struck upward to form a raised central portion, as at *g*, and the edge of the metal along the slot f^2, and at about the middle of the length of the said slot, is struck up or raised to form two rather abrupt locking projections, *h*, over which the under side of the head of the headed stud *d* must pass as it is moved from the eye *f'* outward along the narrow slot f^2, in the struck-up or decked plate *f*. The plate *e* and superimposed plate *f* are attached to the steel *a* by usual rivets, 3, the plate *e* being bent down a little below the edge of the steel *a*, as shown in Fig. 2, whereas the lower edge of the plate *f*, made much stiffer by striking up its center, is substantially level with the upper side of the said steel, so that when united to the steel *a*, as in Fig. 2, there will be a space, *p*, between the plates *e f*. The plates *e f*, united as described, are placed over the headed stud *d*, the same passing through the two large eyes *e' f'*, and thereafter the said stud is caused to travel outwardly in the slots e^2 f^2 until the under side of the headed stud passes the locking projections *h* at a higher level than the raised central part, *g*, of the said plate *f*. As the stud is so moved outwardly in the slots in the said plates, with the plate *e* against steel *b*, and the under side of the head of the stud *d* against the upper face of the plate *f*, the said two plates are sprung together, or made to approach each other, and as soon as the under side of the said headed stud passes beyond the outer side of the locking projections *h* the spring-plate *e* acts to draw the under side of the head of the stud *d* down at the outer face of the said locking projections, fastening the corset-steels firmly and securely together. The inner ends of the two plates *e* and *f* are attached to the stud *a*. The locking-plate *f* is very materially stiffened by striking its central portion upward. The spring-plate *e*, in connection with the projections *h*, forms a very reliable fastening, and the ends of the plates *e* and *f* being closed accidental release of the stud is entirely avoided.

I do not herein broadly claim a locking projection or a fastening having a spring-plate forming part of it.

I claim—

A corset-steel provided with a headed stud, and a corset-steel having a plate provided with the usual elongated eye, combined with the superimposed spring locking-plate attached at its inner end to the corset-steel, together with the inner end of the plate *e*, the said locking-plate being slotted and provided with locking projections which yield to the passage of the headed stud as the latter is made to travel in the slot *e* away from the steel with which the said plate is attached, the said locking projections rising behind the headed stud to retain it in the outer end of the slot of the eye-plate, substantially as described.

In testimony whereof I have signed my name to this specification in the presence of two subscribing witnesses.

his
PERLEY × LAFLIN.
mark.

Witnesses:
JOSEPH A. ORDWAY,
H. H. FAIRBANKS.