

(Model.)

P. LAFLIN.  
Corset Steel Fastening.

No. 236,441.

Patented Jan. 11, 1881.

Fig:1.

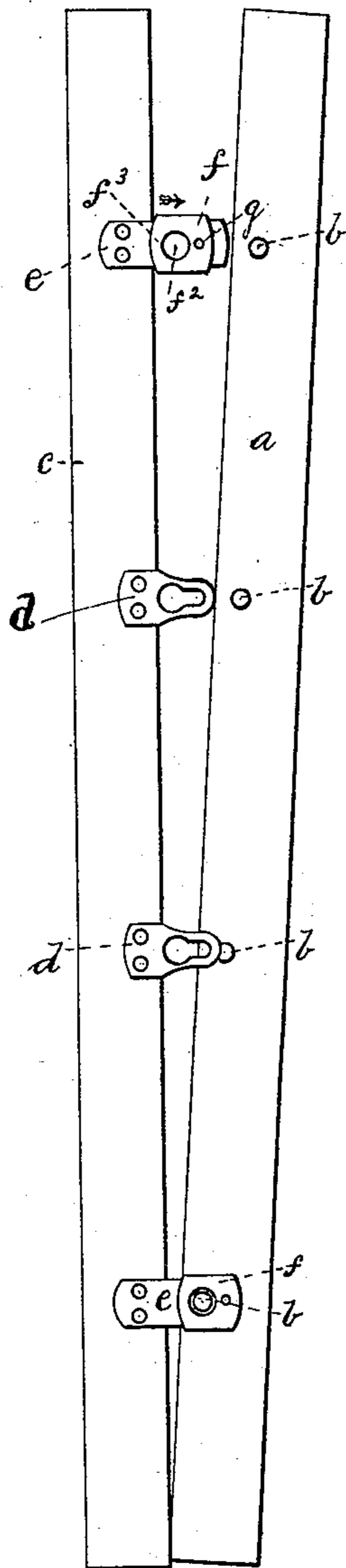


Fig:2.

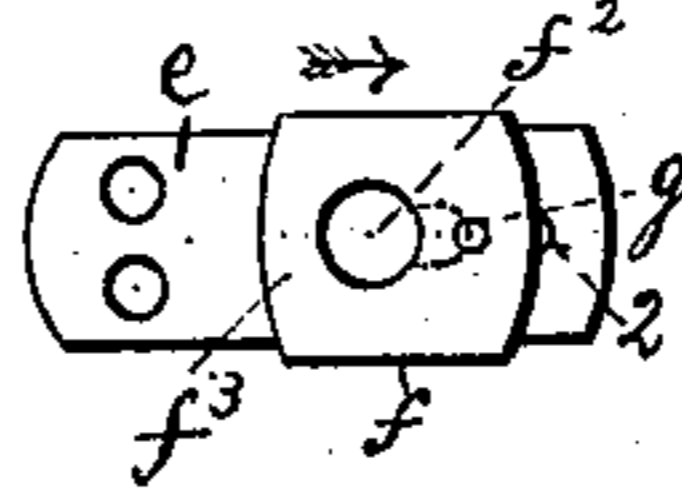


Fig:3.

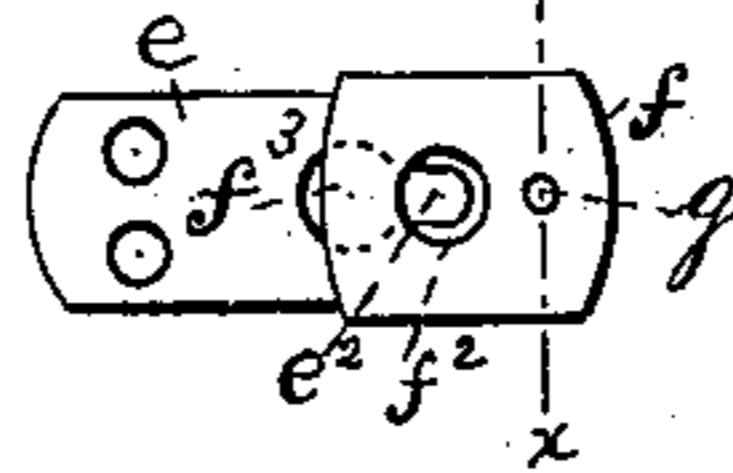


Fig:4.

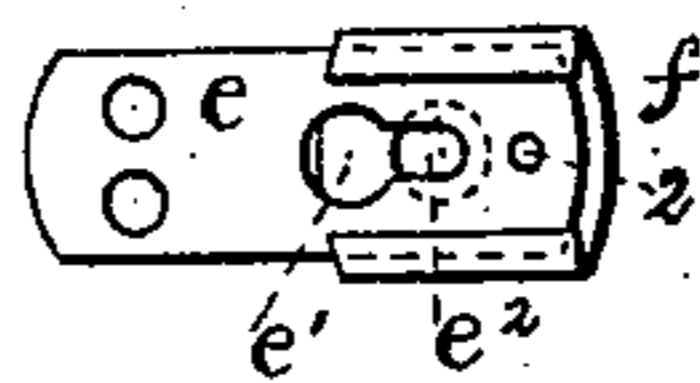
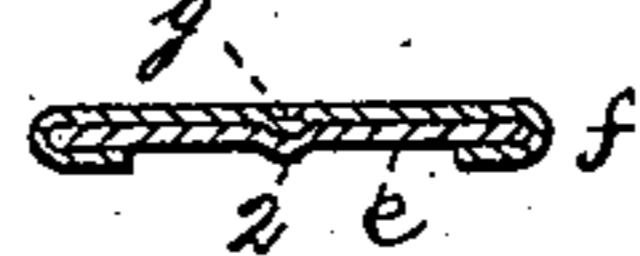


Fig:5.



WITNESSES -  
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# UNITED STATES PATENT OFFICE.

PERLEY LAFLIN, OF WARREN, ASSIGNOR TO DAVID H. FANNING, OF WORCESTER, AND THEODORE C. BATES, OF NORTH BROOKFIELD, MASS.

## CORSET-STEEL FASTENING.

SPECIFICATION forming part of Letters Patent No. 236,441, dated January 11, 1881.

Application filed October 30, 1880. (Model.)

*To all whom it may concern:*

Be it known that I, PERLEY LAFLIN, of Warren, county of Worcester, and State of Massachusetts, have invented a new and useful Improvement in Corset-Steel Fastenings, of which the following description, in connection with the accompanying drawings, is a specification.

This invention has for its object an improvement in fastenings for corset-steels, whereby, when the corset is fastened about the person, the eye parts connected with one steel cannot escape from the usual studs of the other steel.

In this my invention I employ a movable slide or plate, which is brought up against the rear side of the stud after the stud has been moved into the narrow or connected portion of the stud-receiving eye. I have shown this slide as provided with a hole, through which the head of the usual stud is entered, the said stud also entering the stud-receiving eye of the usual eye part attached to the opposing steel. This slide or plate is made longitudinally movable on the eye part, so as to cover over or bridge the large part of the stud-receiving eye in the eye part, it also acting to retain the said stud in the smaller part of the stud-receiving eye, as will be hereinafter described.

Figure 1 represents, in plan view, a pair of corset-steels provided at bottom and top with fastenings embodying my invention, and at the central parts of the steels with the ordinary studs and eye parts, the said figure showing one of my fastening devices as engaging the usual stud and the other as disengaged therefrom preparatory to the engagement of the stud therewith. Fig. 2 is an enlarged top view of one of my improved fastening devices removed from the steel; Fig. 3, a similar view, the slide or plate being moved forward, as it will be after the stud has been extended through the eye. Fig. 4 is an under-side view of Fig. 3, and Fig. 5 an enlarged section of Fig. 3 on the dotted lines *x x*.

The steel *a*, having upon it a series of headed studs or pins, *b*, and the steel *c*, having upon it a series of eye parts, *d*, are of usual construction.

The eye parts *e* employed by me are provided each with an eye or hole, *e'*, and a slot, *e''*, of less width than the diameter of the eye

*e'* or head of the stud *b*, the said stud-receiving eyes being in shape substantially the same as the eyes and slots in the usual eye parts, *d*; but the outer edges of the eye parts *e* are made substantially parallel, or of such other suitable shape to serve as a guide for the slide or plate *f*, fitted thereto, substantially as shown in Figs. 2 to 5, it being permitted to slide thereon in the direction of the length of the eye part *e*. The slide or plate *f* has made in it, as herein shown, a hole, *f''*, of sufficient size to receive through it the head of the pin or stud *b*, and the ends of the plate are bent or clasped about the eye part *e*. The eye part *e* has a depression or indentation, *2*, to receive a teat or lug, *g*, struck downward from the slide or plate *f*, so that when the said teat engages the said indentation, as it does when the slide or plate is in the position shown in Figs. 3 to 5, the said slide or plate will be locked or held in position at the outer end of the eye part, the said teat and depression constituting what I herein denominate the "slide-locking devices."

When it is desired to fasten the corset-steels and corset together, the slide or plate *f* is moved back into the position shown in Fig. 2, and as at the upper end of Fig. 1, when the head of the stud or pin *b* is inserted, first through the enlarged part *e'* of the stud-receiving eye, and thence through the opening *f''* in the slide or plate, after which, by the action of the pin or stud *b* upon the slide or plate *f*, owing to the strain upon the corset to which the steels are attached, the said plate will be moved in the direction of the arrow near it, causing the slide or plate to occupy the position shown in Fig. 3, and at the lower end of Fig. 1, in which position the slide or plate will be locked or held, as before stated.

The plate *f*, in the position shown in Figs. 3 and 4, acts upon the stud *b* (see Fig. 1) to hold it in the smaller slotted part *e''* of the stud-receiving eye of the eye part *e*, and consequently the head of the stud *b* has not sufficient space through which to escape. This slide or plate has one portion, *f''*, of it extended directly across the stud-receiving eye or slot in the eye part, and acts upon the stud at its rear side to lessen the liability of accidental

backward movement of the stud into the enlarged part  $e'$  of the said stud-receiving eye.

This part  $f^3$  is the essential part of my fastening slide or plate, and when moved forward in the direction of the arrow near it to retain the stud or pin  $b$  in the small part  $e^2$  of the usual stud-receiving eye it may be locked by any usual device, I however preferring for cheapness the teat and depression described.

I am aware that it is not new to place at the rear of the stud a fastening device composed of springs or yielding arms, which, as the stud is pressed against them, yield in a direction at right angles to the length of the stud-receiving eye or slot.

The fastening device herein shown makes a cheap and serviceable and secure fastening.

I claim—

1. A fastening device for corsets, composed of a stud and eye part provided with a stud-receiving eye, as described, combined with a movable slide or plate having a portion,  $f^3$ , thereof adapted to be moved on the eye part and to extend entirely across the stud-receiving eye, to arrest the backward movement of the stud from the small to the large part of

the stud-receiving eye, as and for the purpose described.

2. The eye part  $e$  and the slide or plate  $f$ , provided with an opening and having its ends bent to embrace the sides of the eye part and slide thereon longitudinally, combined with a stud,  $b$ , adapted to be inserted through the stud-receiving eye of the eye part and through the opening in the said movable plate, arranged to operate substantially as described.

3. In a corset-steel fastening, the plate or slide  $f$ , adapted to slide on the eye part  $e$ , combined with the locking devices to hold the slide or plate forward or toward the outer end of the eye part and keep the stud  $b$  in the small part  $e^2$  of the stud-receiving eye in the eye part, substantially as described.

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

PERLEY <sup>his</sup> + LAFLIN.  
mark.

Witnesses:

EDWARD FAIRBANKS,  
F. G. LORD.