My invention relates to improvements in a lingerie clasp.

Broadly speaking, one object of the invention is in the provision of novel means for preventing lingerie straps from falling off their support in their attached position.

Another object of my invention is to provide a construction embodying safety attaching means detachably associated with a lingerie strap fastener.

Specifically, another object is in the utilization of a snap spring lock for suitably and removably joining the safety attaching means and the strap fastener.

A further object of the invention is in the provision of a finger protuberance on the fastener for readily opening the same and the latter is further provided with a novel friction lock.

Another object of my invention is in the provision of an interchangeable complemen tal safety attaching means operatively associated with the strap fastener whereby the former may be sewed to the seam of a dress or the like thereby eliminating the safety pin attaching means.

More particularly, the object of this invention is in the provision of a lingerie clasp comprising few parts which will work with rapidity, accuracy, ease and may be manufactured at relatively small expense.

The invention is exemplified in the combination and arrangement of parts shown in the accompanying drawings and described in the following specifications, and it is more particularly pointed out in the appended claims.

Referring to the drawings:

Figure 1 is a front elevational view of the clasp.

Figure 2 is a view in perspective of the fastener.

Figure 3 is a view in perspective of the safety attaching means.

Figure 4 is a perspective view of a modification of the safety attaching means.

Figure 5 is a modified perspective view of the fastener.

Figure 6 is a plan view of a modified lingerie clasp.

Figure 7 is a sectional view taken on the line A—A of Figure 6.

Fig. 8 is a view in perspective of another modification.

In the drawings 10 designates the lingerie strap fastener embodying the bar 11 provided with an upwardly extending arcuate lip 12 having the outer curved friction face 13. Associated with the flat bar 11 and suitably hinged at 14 is the upper plate 15 having the undulatory finger grip edges 16. Depending from the plate 15 is the downwardly extending arcuate lip 18 having an inner surface adapted to frictionally and detachably engage the curved surface 13 of the lower bar 11. Suitably disposed intermediate of the upper plate 15 is the boss or disc 19 recessed internally to confine the spaced springs 20. The lip 18 embodies the struck out lug 28 for a purpose which will be hereinafter disclosed. Detachably joining the fastener is the attaching safety means 21 comprising the bar 22 provided with a protuberance 24. The safety pin attaching means 21 is provided with the head guard 25 adapted to confine the elongated pin 26 which is hinged at 27.

In the operation of my improved clasp, the lower bar and the upper plate of the fastener are spread apart, the lingerie strap being inserted therebetween and the bar and plate are locked by the frictional grip between the arcuate faces 13 and 18. To facilitate the opening of the fastener the finger nail of the operator may be pressed against the struck out lug 28 or the fingers of the hand of the operator may be employed gripping the undulating edges of the plate. The safety pin is attached to a dress seam or the like and locked within the head 25. The safety pin and the fastener are detachably and rotatably secured by the protuberance or knob 24 entering between the spaced resilient springs in the disc 19.

In place of the safety pin shown in Figure 3 the complementary snap lock portion shown in Figure 4 may be used with the fastener shown in Figure 2. The complementary lock portion embodies the disc 29 having perforations 30. Extending from the disc and...
secured thereto is the knob 31 adapted to be locked by the springs 20. The disc 29 is sewed to the seam of a dress through the perforations while the flat outer face of the bar 11 bears against the body of the wearer.

In Figure 5 is shown a conventional safety pin bearing the disc member 32 internally recessed carrying the spaced resilient springs 31. In this way, either the safety pin shown in Figure 3 or the complemenal snap lock portion shown in Figure 4 may be employed with the fastener shown in Figure 5 to comprise the combined clasp.

In Figures 6 and 7 is disclosed a pair of conventional safety pins 33 and 34. The former embodies the disc 35 having the knob 36 entering the ring disc 37 of the pin 34 to hold the knob 36 in gripping relationship by springs 38. It will be noted that the adjacent inner sides of the safety pins are held by the disc and the ring disc portion of the intermediate snap lock, the latter being arranged transversally with reference to the pins considerably reduced the distance between the dress seam and the body of the wearer.

The illustration in Figure 8 discloses a strap fastener consisting preferably of a flexible and pliable piece of ribbon cloth having at its terminals, the complementary conventional snap lock portions 41 and 42 and substantially intermediate of the ribbon member is the disc recessed lock portion 43 confining the space springs 44 which are adapted to rotatably support and confine the protuberance 24 of the safety pin 21 or knob 31 of the safety complemenal portions 29. The snap lock elements 41 and 42 and the lock portion 43 may be either sewed into the ribbon or pressed thereon in any well known manner.

The ribbon 40 may be of cloth, tape, rubber, metal or any other suitable material.

From the foregoing description considered in connection with the accompanying drawings it is believed that the several novel structural features of my present improvement as well as the advantages thereof in practical operation will be readily appreciated. Because of the simple form of the various elements entering into the disclosed constructions the device may be produced at comparatively small manufacturing cost.

I have described and illustrated in the accompanying drawing a structural embodiment of the device which I have found to give highly satisfactory results, and it will be obvious, to those skilled in the art after an understanding of my invention, that other changes and modifications may be made without departing from the spirit and scope of my invention, and I aim in the appended claims to cover such changes and modifications as are within the scope of my invention.

I claim:
1. In a lingerie clasp, the combination with a fastener embodying a bar having an arcuate friction lip, a plate hinged to said bar and provided with undulating gripping edges, and means at the end thereof to facilitate the spreading of the bar and plate.
2. A lingerie clasp comprising a fastener having a bar and plate suitably hinged, said plate being provided with an outwardly projecting lug and undulating edges, a downwardly arcuate lip extending from said plate, an arcuate lip projecting upwardly from the bar adapted to frictionally engage the plate lip and safety attaching means removably and rotatably associated with said plate.
3. In a lingerie clasp, the combination with a strap holder, of safety attaching means associated therewith said holder comprising a bar having an arcuate friction lip, a plate hinged to said bar having a portion adapted to frictionally engage said lip, and means projecting forwardly at one end of said plate to facilitate the spreading of said holder.
4. A lingerie clasp comprising a strap holder having a bar, a plate swingably mounted thereto, a finger protuberance projecting from said plate, means for frictionally and disconnectably securing said bar and plate, and safety attaching means operatively associated with said plate.

Signed at New York, in the county of New York and State of New York, this 22nd day of June, A. D. 1928.

MARY E. MITMANN.