

*S. H. Barnes.*

*Corset.*

*N<sup>o</sup> 56345*

*Patented Jul. 17, 1866.*

Fig. 1.

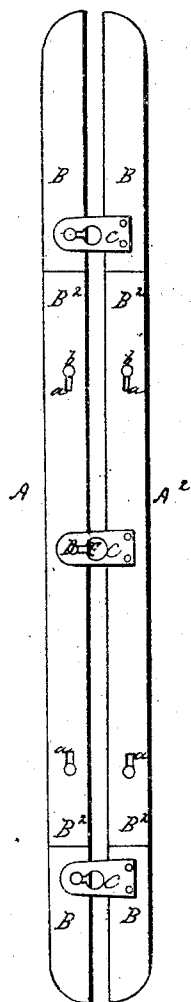
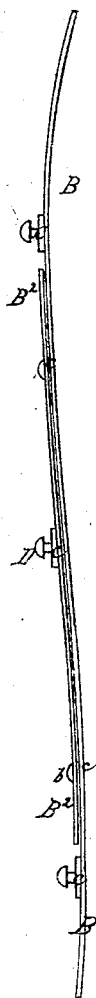


Fig. 2.



Witnesses.

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# UNITED STATES PATENT OFFICE.

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## IMPROVEMENT IN EXTENSION CORSET-SPRINGS.

Specification forming part of Letters Patent No. 56,345, dated July 17, 1866.

### *To all whom it may concern:*

Be it known that I, SAMUEL H. BARNES, of the city, county, and State of New York, have invented a new and Improved Corset-Spring; and I do hereby declare that the following is a full, clear, and exact description thereof, which will enable others skilled in the art to make and use the same.

The present invention consists in forming the springs of corsets of two or more thin metallic plates placed one upon another and fastened together at their center, but so connected at or near each end that they can play or move upon each other in the direction of their length as the springs are bent, whereby their flexibility and elasticity are greatly increased, while at the same time much strength is obtained and the springs rendered much more durable than the springs for corsets now in general use, as will be obvious from the following detail description thereof, reference being had to the accompanying drawings, in which—

Figure 1 is a view of those two springs of the corset having the ordinary clasps for fastening the corset about the waist of the person who is to wear it; Fig. 2, an edge view of the same.

A A<sup>2</sup> in the drawings represent two springs of a corset, properly bent in the direction of their length to conform to the body or waist of a person, each of which springs, in the present instance, is composed of two thin narrow metallic plates, B B<sup>2</sup>, placed one upon the other, (the one, B, a little longer than the other, B<sup>2</sup>,) and there secured at their center, or midway between their two ends, in the one case, A, by the rivets which secure the ordinary corset-clasp C to the same, and in the other case, A<sup>2</sup>, by the headed rivet D, on which the clasp C is interlocked by its eye E.

At or near each end of the short plates B<sup>2</sup> of the two springs A A<sup>2</sup> are short slots *a*, extending in the direction of their length, through which project the rounded ends or heads *b* of fixed pins *c* in the longer or under plates, B, by means of which slots, as the corset-springs

are bent, the plates constituting the same can play or move the one upon the other, the heads of the pins *c* preventing them from becoming disengaged, or, in other words, springing apart from each other.

From the above description it is plain to be seen, by forming the corset-springs of two thin plates, (or more may be used, if so desired, laid one upon the other, but so connected together that the several plates constituting such plates can freely play upon each other in the direction of their length,) that the pliability, flexibility, or elasticity of the springs is much increased without in the least degree impairing or diminishing their strength, rendering them much more durable and serviceable than the ordinary corset-springs now in general use—an advantage and result of the utmost importance and utility.

Although the springs have been hereinabove explained as formed of two thin metallic plates laid one upon the other and secured together, as described, three or more may be used; but I deem two sufficient for ordinary corsets, it being distinctly understood that I do not intend to limit myself to any particular number of plates which may be employed to form the springs, whether one or more, the present invention simply consisting in so securing the several plates constituting the springs to each other that they can freely move or play upon each other.

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

A corset-spring consisting of the parts B, provided with pins *b*, and slotted springs B<sup>2</sup>, riveted as shown, and having suitable clasps C and headed rivets D, and of form corresponding to the body of the wearer, all constructed and operating in the manner and for the purpose herein represented and described.

The above specification of my invention signed by me this 10th day of March, 1866.

SAMUEL H. BARNES.

Witnesses:

M. M. LIVINGSTON,  
ALBERT W. BROWN.