

Brown & Willet, Corset Spring.

No 76,708.

Patented April 14, 1868.

Fig. 1.

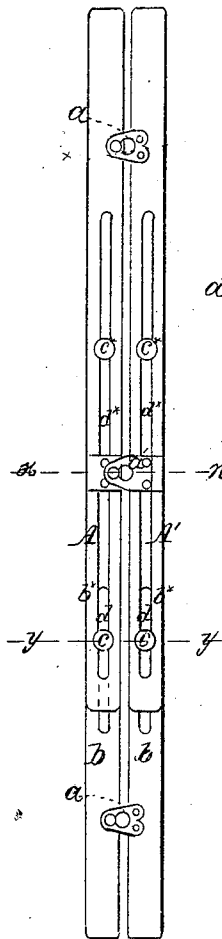


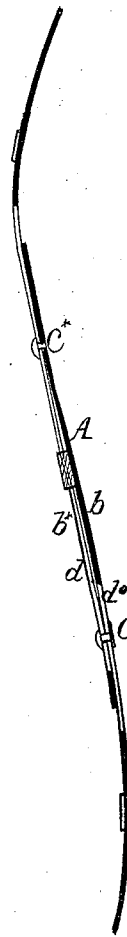
Fig. 3.



Fig. 4.



Fig. 2.



Witnesses:
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SPENCER H. BROWN AND CHARLES H. WILLETS, OF NEW YORK, N. Y.

Letters Patent No. 76,708, dated April 14, 1868.

IMPROVEMENT IN CORSET-SPRINGS.

The Schedule referred to in these Letters Patent and making part of the same.

TO ALL WHOM IT MAY CONCERN:

Be it known that we, SPENCER H. BROWN and CHARLES H. WILLETS, of the city, county, and State of New York, have invented a new and improved Corset-Spring; and we do hereby declare the following to be a full, clear, and exact description thereof, enabling those skilled in the art to make and use the same, reference being had to the accompanying drawing, forming part of this specification, in which drawing—

Figure 1 represents a front view of this invention.

Figure 2 is a longitudinal section thereof.

Figure 3 is a transverse section of the same, the line $x x$, fig. 1, indicating the plane of section.

Figure 4 is a similar section thereof, taken in the plane indicated by the line $y y$, fig. 1.

Similar letters indicate corresponding parts.

This invention consists in a corset-spring composed of two parts, which are connected by slides or buttons, in such a manner that the spring can be lengthened or shortened, according to the size of corset for which it is to be used. The middle fastenings of our spring are secured to slides, which can be moved on the spring in a longitudinal direction, so that said fastenings can be adjusted to the required position whenever the length of the spring is changed. The buttons, which hold the two parts of the spring together, are also movable, so that they do not interfere with the operation of adjusting the fastenings, whenever such adjustment may become desirable.

A A' represent a pair of corset-springs, which are connected by fastenings $a a'$ of any suitable construction. Each of the springs A A' is composed of two parts, $b b^*$, which are united by buttons $c c^*$, fitting into slots $d d^*$ in such a manner that the said springs can be lengthened or shortened at pleasure. The button c^* is firmly secured to the part b of the spring, and its head catches over the edges of the slot d , but the button c is secured to a washer, which overlaps the edges of the slot d , while the head of this button overlaps the edge of the slot d^* . By these means the button c is adjustable, so that it can be shifted as may be desirable.

Instead of connecting the two parts of the springs by buttons and slots, they might be connected in different ways, for instance, by turning the edges of the part b up to receive the part b^* ; and we do not wish to confine ourselves to any particular manner of uniting the two parts of each spring, so as to render said spring extensible. The fastenings a are rigidly attached to the springs A A', but the middle fastenings $a' a$ are secured to slides a^* , which can be moved between the two parts $b b^*$ of each spring, so that when the spring is lengthened or shortened, said fastenings can be adjusted in the middle between the fastenings $a a$, or in any desired position.

The advantages of making a corset-spring extensible are apparent. At present, for corsets of different size, springs of different length must be made, while our extensible spring can be used for corsets of all sizes. Furthermore, the ordinary spring being rigid, according to its length, is liable to injure the fabric in which it is secured, while our spring can give to the motions of the body, and is therefore not liable to produce any injury on the corset or on the wearer thereof. Our spring, being made double in the middle, is stronger and more durable than a spring of the ordinary construction; it can be easily made and fitted into the seam of the corset, and it is very convenient for the manufacturers of corsets, as well as for the public, since one-size spring will do for all sizes of corsets.

Having thus described our invention, what we claim as new, and desire to secure by Letters Patent, is—

1. A corset-spring, composed of two parts $b b^*$, connected so that the spring can be lengthened or shortened, substantially as set forth.
2. The slide a^* , moving between the parts $b b^*$ of the spring A, in combination with the fastening a' , substantially as and for the purpose described.
3. The adjustable button c , in combination with an extension corset-spring A or A', substantially as and for the purpose set forth.

This specification signed by us, this, the 24th day of February, 1868.

SPENCER H. BROWN,
CHAS. H. WILLETS.

Witnesses:

W. HAUFF,
E. F. KASTENHUBER.