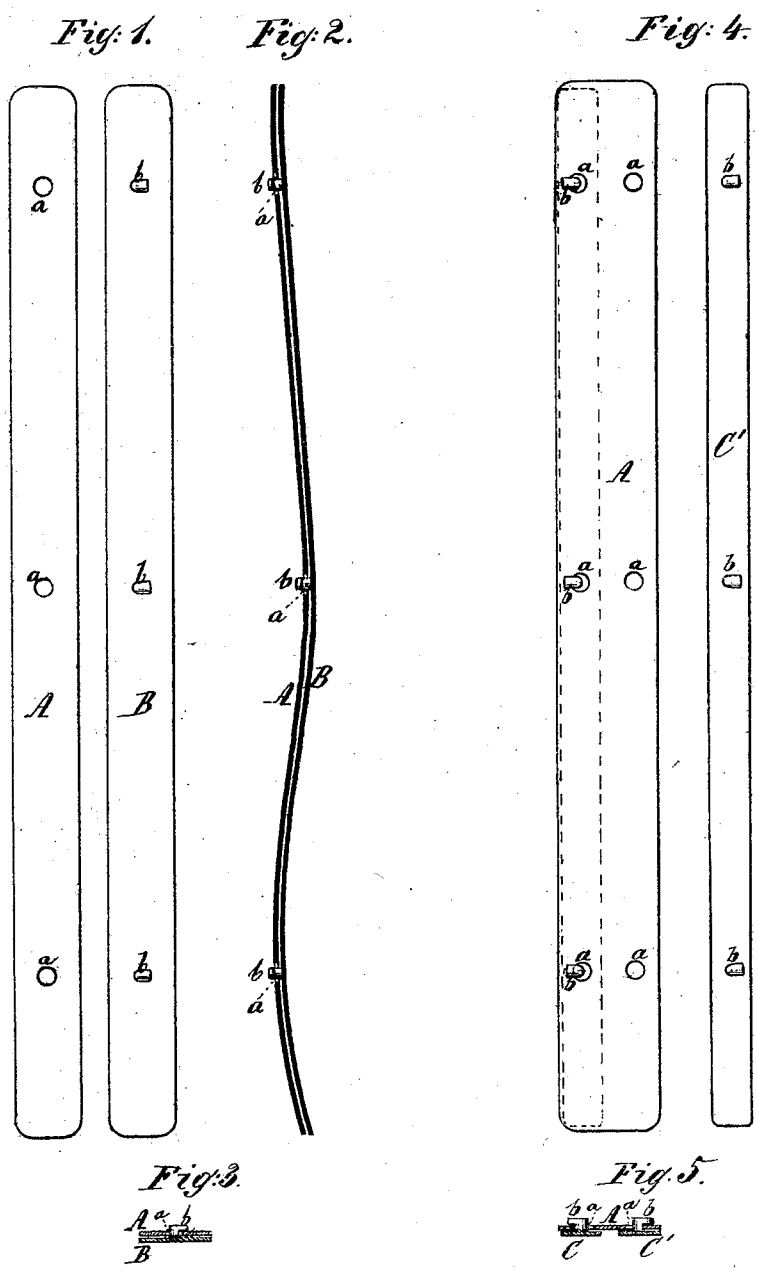


G. O. SCHNELLER.  
 Improvement in Corset-Springs.  
 No. 131,305. Patented Sep. 10, 1872.



*Witnesses:*  
 Ernst Bilhuber.  
 Chas. Walters.

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 atty

# UNITED STATES PATENT OFFICE.

GEORGE OTTO SCHNELLER, OF ANSONIA, CONNECTICUT.

## IMPROVEMENT IN CORSET-SPRINGS.

Specification forming part of Letters Patent No. 131,305, dated September 10, 1872.

*To all whom it may concern:*

Be it known that I, GEORGE OTTO SCHNELLER, of Ansonia, in the county of New Haven and State of Connecticut, have invented a new and useful Improvement in Corset-Springs; and I do hereby declare the following to be a full, clear, and exact description thereof, which will enable 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 face view of my spring when made in two parts, said parts being disconnected. Fig. 2 is a longitudinal section of the same when the parts are connected. Fig. 3 is a transverse section of the same. Fig. 4 is a face view of my spring when made in three parts, two of which are connected and one disconnected. Fig. 5 is a horizontal section of the same.

Similar letters indicate corresponding parts.

This invention consists in a corset-spring composed of two blades of steel or other flexible and elastic material, so arranged that when the parts of said spring are connected, one of said blades covers the other blade or blades, thereby increasing the strength and elasticity of the device, and preventing the same or any part thereof from turning edgewise, or from leaving an open space between the two ends of the corset. Said blades being connected together by hooks having rounded backs, and being curved on the inside, causes the two blades to approach each other closely as lateral strain is exerted. My invention consists, also, in a clasp for a corset-spring, composed of a continuous blade of tempered steel or other flexible and elastic material, which, when the ends of the corset are connected, covers the blade or blades, constituting, together with said clasp, the corset-spring, the three parts being connected by means of hooks having rounded backs, as hereinafter specified.

In the example of my spring, shown in Figs. 1, 2, and 3, the letter A designates the covering-blade, which also forms the clasp, and the letter B designates the lower blade, both said blades being made of tempered steel or other

flexible and elastic material, equal in length and width, and curved to correspond with each other in shape, as shown in Fig. 2. These blades are secured in the opposite ends of a corset, and in the blade B are secured hooks *b*, which can be made to catch in holes *a* in the blade A—these holes being sufficiently large, so that they can be made to pass conveniently over the hooks—and when the hooks have caught over the edges of said holes the two blades A and B have a certain amount of play, one over the other. The hooks *b b* are formed with rounded backs, and are curved on the inner side, so that when the blades are subjected to lateral pressure they will advance toward each other and be held securely in place.

When the holes *a*, of the form above described, are made to catch over the hooks *b*, the two blades A and B cover each other, and a corset-spring is obtained which is of superior strength and elasticity, which can readily adapt itself to the motions of the body, and which is not liable under any circumstances to leave an open part between the two ends of the corset.

My covering-blade A, instead of being used in connection with a single blade, B, may be used in connection with two blades, C C', as shown in Figs. 4 and 5. These blades are made like ordinary corset-steels, and both of them are provided with hooks *b b* to catch in holes *a a* in the covering-blade A. If the blades C C' are secured in the ends of a corset, and the hooks *b b* are made to catch in the holes *a a* of the covering-blade A, the ends of the corset are securely fastened together, the springs C C' are covered by the blade A, their strength and elasticity are increased, and they are effectually prevented from turning edgewise, or from leaving an open space between the ends of the corset.

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

1. A corset-spring, composed of two blades of steel or other flexible and elastic material, one of said blades being made to cover the other blade when the two parts of the corset-

spring are connected by means of the hooks *b b*, having rounded backs and curved on the inside, substantially as set forth.

2. The hooks *b b* having rounded backs and curved on the inside, as set forth, for the purpose of connecting together the blades of corsets, substantially as described.

3. A corset-spring composed of three blades of elastic material, one blade forming the clasp, and covers the two other blades, when all are

brought in position, said parts adapted to be connected together by hooks *b* having rounded backs, substantially as described.

This specification signed by me this 6th day of July, 1872.

GEORGE O. SCHNELLER.

Witnesses:

W. HAUFF,

E. F. KASTENHUBER.

*1.000  
marks.*