

J. L. Fitzpatrick. Corset Steel.

No. 96685.

Patented Nov. 9. 1869.

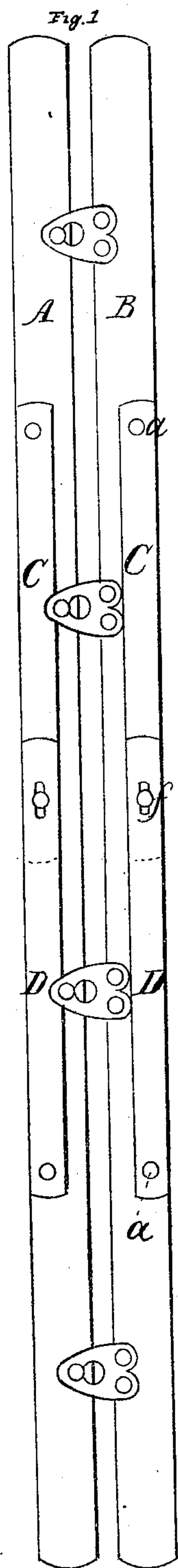


Fig. 2

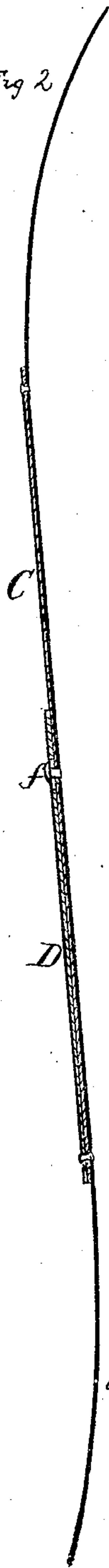


Fig. 3



Fig. 4



Witnesses

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John L. Fitzpatrick
Inventor

By his Attorney

John E. Earle

United States Patent Office.

JOHN L. FITZPATRICK, OF WATERBURY, CONNECTICUT.

Letters Patent No. 96,685, dated November 9, 1869.

IMPROVEMENT IN CORSET-STEELS.

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

To all whom it may concern:

Be it known that I, JOHN L. FITZPATRICK, of Waterbury, in the county of New Haven, and State of Connecticut, have invented a new Improvement in Corset-Steels; and I do hereby declare the following, when taken in connection with the accompanying drawings, and the letters of reference marked thereon, to be a full, clear, and exact description of the same, and which said drawings constitute part of this specification, and represent, in—

Figure 1, a front view;

Figure 2, a longitudinal section; and, in

Figures 3 and 4, the auxiliary springs detached.

This invention relates to an improvement in the manner of applying auxiliary springs to corset-steels, and consists in combining, with the steel, two plates or springs, one end of each being riveted to the steel, the other ends meeting at the centre, and slotted; and through the slots of both, a rivet is passed, fixed in the steel, so as to permit the two auxiliary springs to play on the said rivet.

In order to the clear understanding of my invention, as well as to enable others to make the same, I will proceed to a full description thereof, as illustrated in the accompanying drawings.

A is one steel; B, the other, provided with the usual means of connection.

C D are the two auxiliary springs applied to each steel. They are formed from sheet-steel, and punched at one end, *a*, so as to be riveted to the steel, as seen in fig. 1.

The other ends of the springs are slotted, as at *d*, and the springs are arranged upon the steel so that the slots meet at or near the centre; and through the slots, a rivet, *f*, is passed, (see figs. 1 and 2,) so as to hold the springs to the steel at that point, and yet permit the longitudinal play to the springs as the steel is bent.

The springs lap nearly one-third their length at the centre, which strengthens the steel at this point; and, by the auxiliary springs, an increased elasticity is given to the steel, which aids materially in retaining it in proper form.

I am aware of the patent of Francis Lee Barnes, August 31, 1869, for corset-springs, and do not wish to be understood as claiming anything contained therein.

Having fully described my invention,

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

In corset-springs, combining, with each principal spring, two auxiliary springs, C D, the extreme end of each rigidly secured to the principal spring, the other ends of the said auxiliary springs meeting near the centre of the principal spring, and slotted, and secured in position on the principal spring, substantially as set forth.

JOHN L. FITZPATRICK.

Witnesses:

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