

(No Model.)

F. M. JEFFERY.

BUSTLE.

No. 386,249.

Patented July 17, 1888.

Fig. 1 -

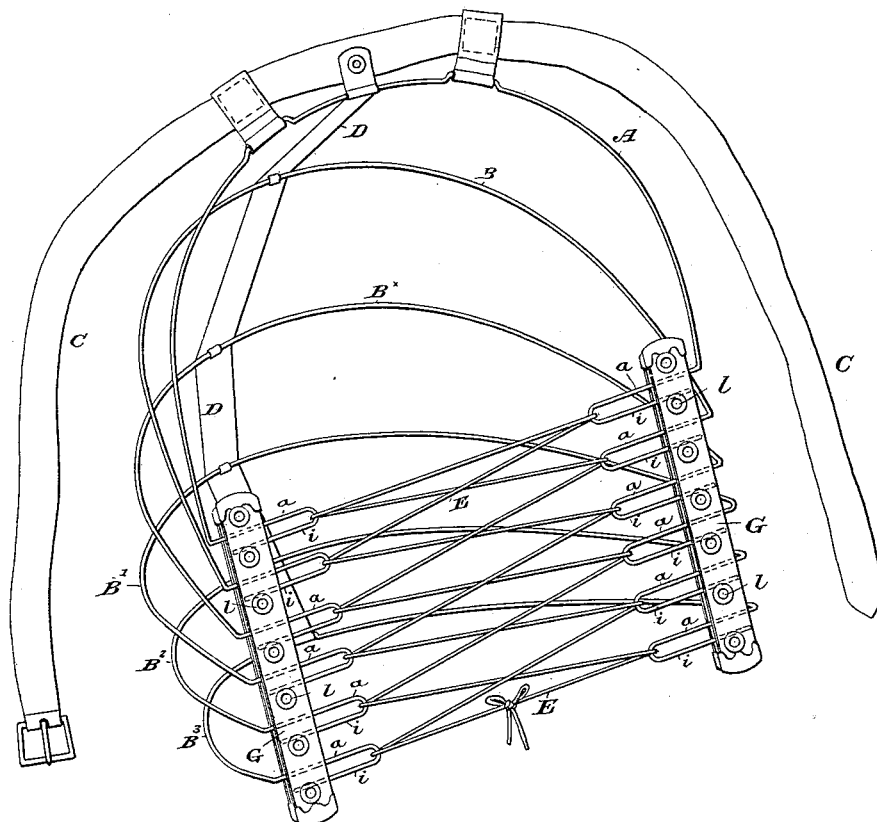
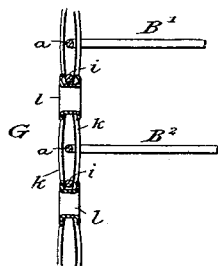


Fig. 2



WITNESSES:

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# UNITED STATES PATENT OFFICE.

FRANK M. JEFFERY, OF JERSEY CITY, NEW JERSEY.

## BUSTLE.

SPECIFICATION forming part of Letters Patent No. 386,249, dated July 17, 1888.

Application filed August 10, 1887. Serial No. 246,576. (No model.)

*To all whom it may concern:*

Be it known that I, FRANK M. JEFFERY, a citizen of the United States, residing in Jersey City, Hudson county, New Jersey, have invented certain Improvements in Bustles, of which the following is a specification.

My invention relates to upwardly-collapsing bustles or tournures; and the object of my invention is to provide a simple and cheap bustle having bows provided with torsional springs, the springs on one bow being independent in their operation of the springs on the other bows.

My invention will be fully described hereinafter and its novel features carefully defined in the claims.

In the drawings which serve to illustrate my invention, Figure 1 is a perspective view of a bustle embodying my invention, and Fig. 2 is a detached and enlarged fragmentary sectional view illustrating the manner of securing the springs to the stiff uprights of the body-support.

A represents the upper or vertical bow, to which is secured the usual waist-band, C.

B, B<sup>x</sup>, B', B<sup>2</sup>, and B<sup>3</sup> are the distending-bows. All of these bows are substantially alike, and each has an inwardly-turned loop formed on each of its ends, the parallel sides of which form, respectively, a torsional distending-spring, *a*, and an attaching branch, *i*. The bows are united together to form the bustle by means of two stiff uprights or side pieces, G G, which I construct by preference of what is known to the trade as "twin-wire fabric." I take two like strips, *k k*, of this fabric and arrange them to embrace and clamp the flat loops on the ends of the bows, and then join the two strips together at their ends and between the bows by rivets, eyelets, or other like fastenings, *l*, as shown. I have shown the eyelet-flanges as clamping on the branches *i*, so as to hold them firmly, while the spring branches *a* may twist freely. These branches *i* may be secured rigidly in any convenient manner. In bending the loops on the

bows the planes of the loops are arranged with reference to the planes of the respective bows, so that when the several bows are joined together by the clamping-strips *k* and properly spaced or distanced they will project at the proper angles with each other—that is to say, bow A will stand upright, bow B will stand somewhat inclined, bow B<sup>x</sup> more inclined, and, finally, bow B<sup>3</sup> will stand most nearly at a right angle with bow A. The bow A and side pieces, G G, form the bustle-frame or body-support. The bows are distanced and connected by any suitable connector, D, in a well-known way. The bights of the inturned loops on the bows serve to receive the lacing-cord E, thus avoiding the use of muslin flies with eyelets, such as are commonly employed.

The bows may be constructed of flat or square wire, or of the ordinary round wire, as desired.

Having thus described my invention, I claim—

1. In a bustle, the combination, with the stiff uprights or side pieces, G G, of the bows made from spring-wire and having inwardly-turned loops bent on their ends, one side of each loop forming a torsional spring, *a*, and the other side forming an attaching branch, *i*, and the said attaching branches rigidly secured to said side pieces, as set forth.

2. In a bustle, the combination, with the two stiff uprights G G, each formed of two strips, *k k*, of the several bows made from spring-wire, and having inwardly-turned loops bent on their respective ends, each loop forming a torsional spring, *a*, and an attaching branch, *i*, the said strips *k* embracing said loops, as shown, and clamping and secured rigidly to the said attaching branches *i*.

In witness whereof I have hereunto signed my name in the presence of two subscribing witnesses.

FRANK M. JEFFERY.

Witnesses:

HENRY CONNETT,  
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