

(Model.)

F. M. JEFFERY & A. STERN.

BUSTLE.

No. 390,973.

Patented Oct. 9, 1888.

Fig. 1.

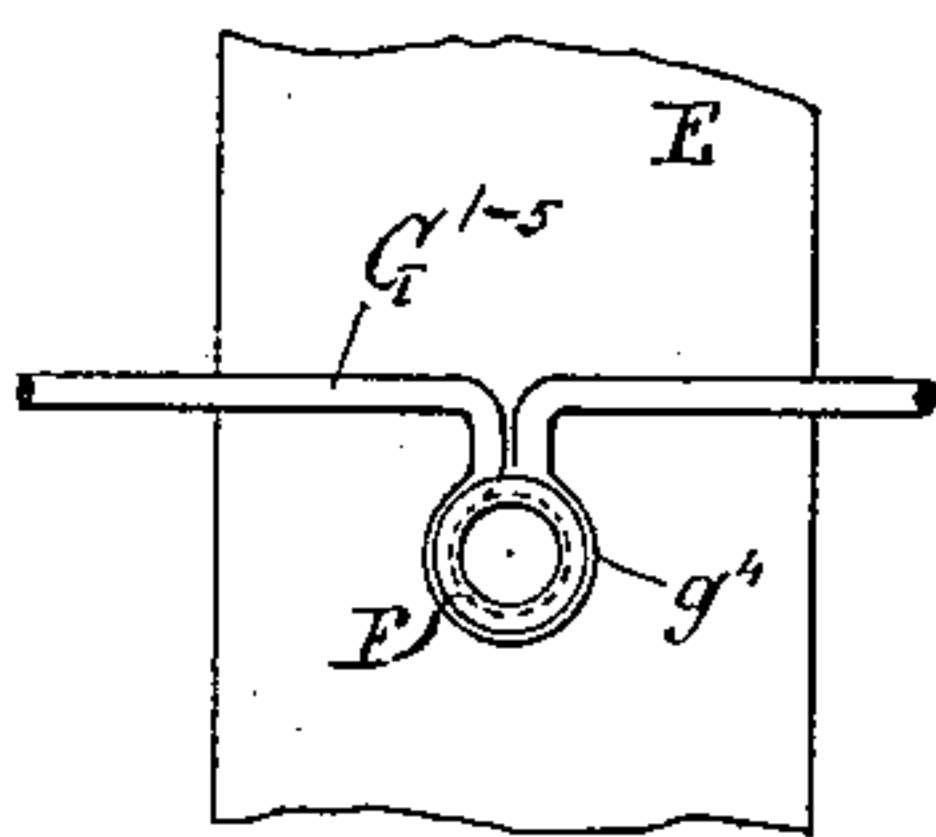
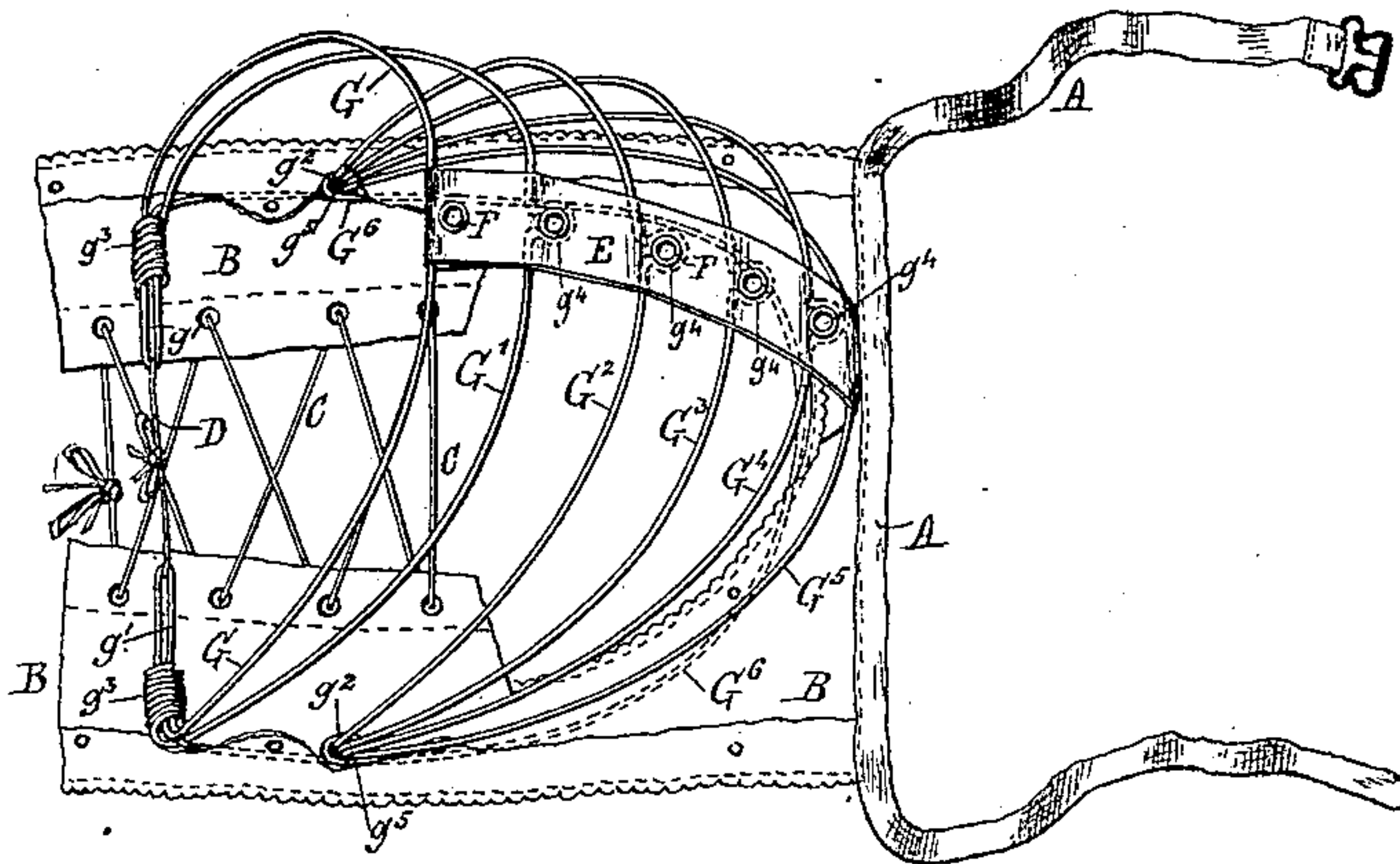


Fig. 2.

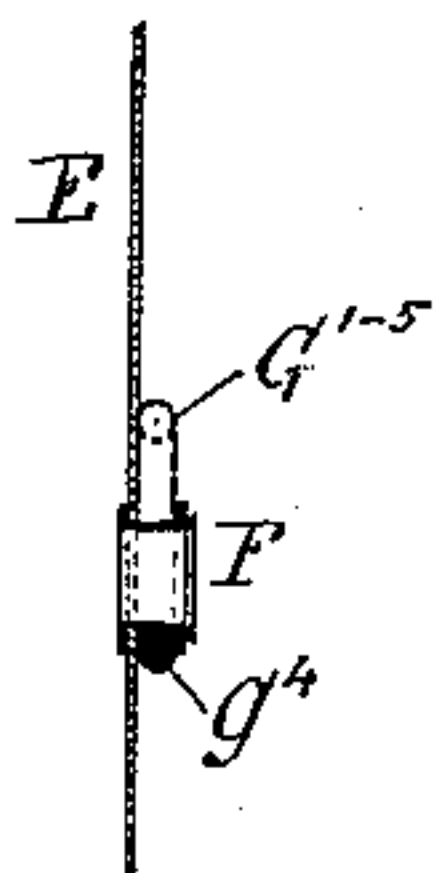


Fig. 3.

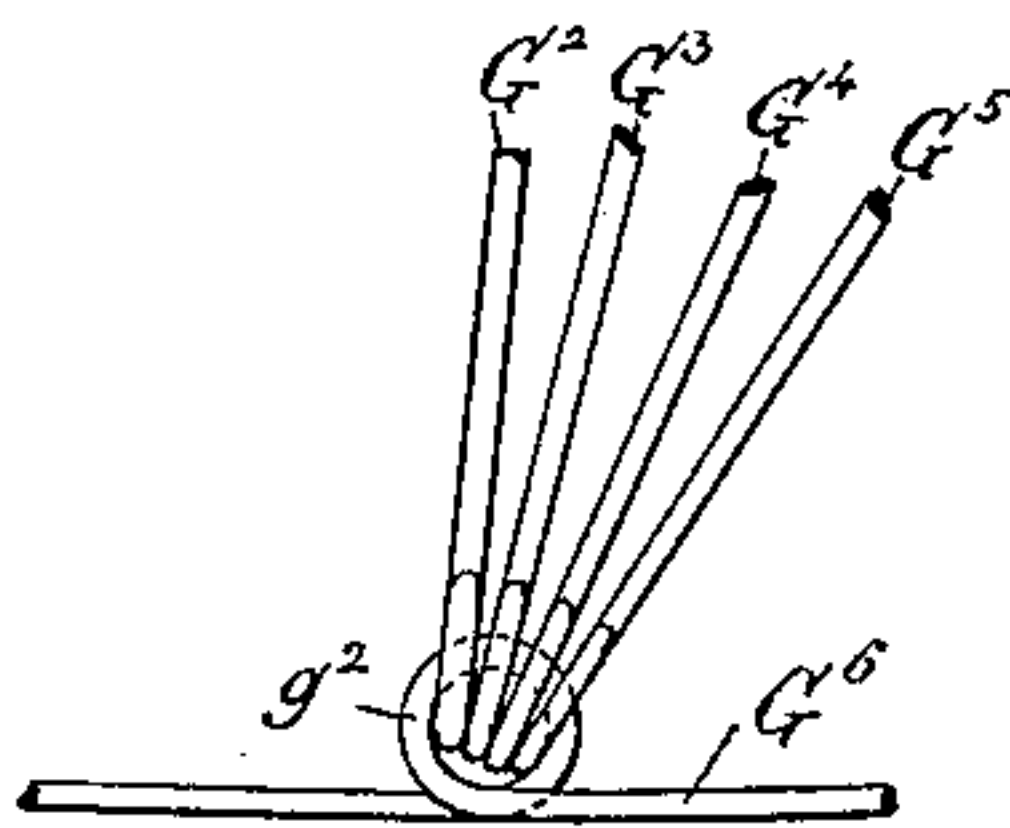


Fig. 4.

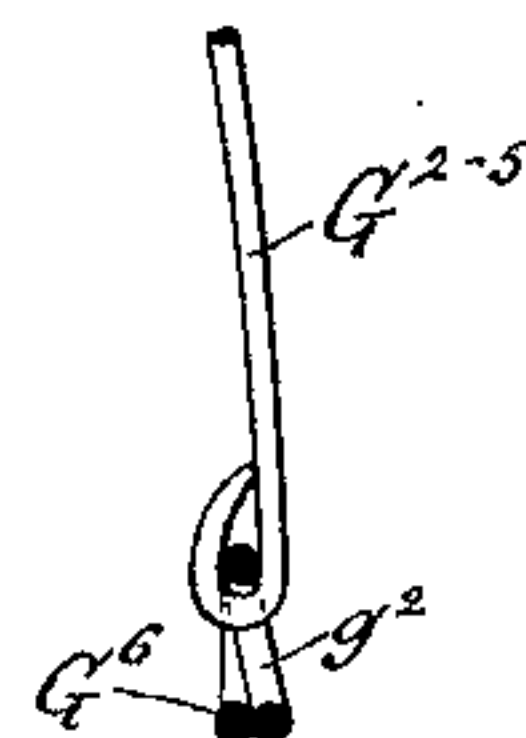


Fig. 5.

WITNESSES:

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# UNITED STATES PATENT OFFICE.

FRANK M. JEFFERY, OF JERSEY CITY, NEW JERSEY, AND AARON STERN, OF  
NEW YORK, N. Y.

## BUSTLE.

SPECIFICATION forming part of Letters Patent No. 390,973, dated October 9, 1888.

Application filed January 3, 1888. Serial No. 259,704. (Model.)

*To all whom it may concern:*

Be it known that we, FRANK M. JEFFERY, a citizen of the United States, and a resident of Jersey City, Hudson county, and State of New Jersey, and AARON STERN, a citizen of the United States, and a resident of New York, in the county and State of New York, have invented certain new and useful Improvements in Bustles, of which the following is a specification.

Our invention relates especially to devices employed in supporting garments, and has for its object the provision of a device portable and simple in construction, economical in manufacture, and efficient in practical use.

To attain the desired end our invention consists in the construction and arrangement of parts herein fully set forth.

In the drawings, Figure 1 represents a perspective view, and Figs. 2, 3, 4, and 5 are views in detail, of the invention.

Like letters of reference, wherever they occur, indicate corresponding parts in all the figures.

Referring to the drawings, A represents the waistband, and B B the coverings, attached, respectively, to the side stays and that portion of the frame-work of our bustle, as the vertical bow G<sup>6</sup>, adapted to rest against the person of the wearer.

G<sup>2</sup> G<sup>3</sup> G<sup>4</sup> G<sup>5</sup> are a series of distending-bows pivoted on each side, as at g<sup>2</sup> g<sup>2</sup>, in the manner hereinafter set forth, and adapted to nest in collapsing, and each provided at its central point with an eye, g<sup>4</sup>, adapted, when used in connection with an eyelet, F, to be rigidly secured to the check tape or strap E.

G represents a spring-bow, (preferably the lowest of the series,) formed by passing the wire at the outer end of the bow on each side inward and then back again in a loop, thus forming the torsional springs g' g', and then passing upward on each side, forming the rings g<sup>2</sup> g<sup>2</sup>, adapted to support in a movable relation the small loops or rings g<sup>5</sup>, formed at the ends of the bows G<sup>2</sup> G<sup>3</sup> G<sup>4</sup> G<sup>5</sup>, as is clearly shown in the drawings, and then extending farther upward along the covering B, as at G<sup>6</sup>, and turning inward toward each other, and finally being joined together at a point near the waistband A and forming a vertical bow.

The vertical bow G<sup>6</sup> and horizontal bow G

are preferably constructed out of one piece of wire, as shown, but may in modified form be made from two or more wires, if desired.

G' is a distending-bow, the outer ends g<sup>3</sup> g<sup>3</sup> of which are convoluted about the torsional springs g' g' and serve to present a larger bearing surface against the person of the wearer. G' is also provided with an eye, g<sup>4</sup>, and is also rigidly attached by means of an eyelet, F, to the check-tape E.

The upper bow, G<sup>5</sup>, and lower bow, G, are preferably provided with eyes, as in the same manner are the intermediate bows; but we sometimes—as a modification of our invention—attach the check-tape E, which serves to limit the action of the torsional springs, to these bows in the ordinary manner.

Lacing-cords C and D, attached, respectively, to the inner edges of the opposite portions of the covering B and the loops formed in the ends of the torsional springs g' g', serve to control and vary the width of the bustle.

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

1. In a bustle, the main bows G G<sup>6</sup> of the frame, made of spring-wire with inwardly-turned loops bent therein, forming torsional springs g' g', the bow G<sup>6</sup> being bent on each side to form a loop, g<sup>2</sup>, above the torsional springs g', in combination with the intermediate collapsible distending-bows, G<sup>2</sup> G<sup>3</sup> G<sup>4</sup> G<sup>5</sup>, provided with hinging-loops g<sup>5</sup> g<sup>5</sup> on their ends, which embrace said loops g<sup>2</sup>, substantially as set forth.

2. In a bustle, a frame-work composed of collapsible wire bows having centrally-located bends or loops g<sup>4</sup>, in combination with a tape connecting said bows, said tape having metallic eyes, and the tape being connected to said bows by having their eyes embraced by the bends or loops in said bows, substantially as set forth.

In testimony of the foregoing specification we do hereby sign the same, in the city of New York, State of New York, this 15th day of December, A. D. 1887.

FRANK M. JEFFERY.  
AARON STERN.

Witnesses:

JOHN S. DURAND,  
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