

M. P. Bray,
Hoop Skirt.

No. 112,681.

Patented Mar. 14, 1871.

fig. 1.

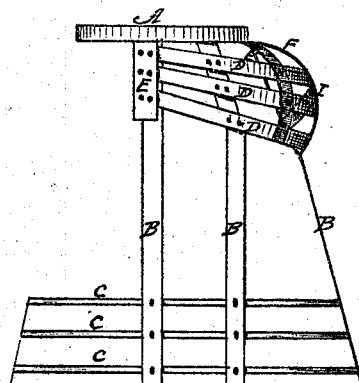
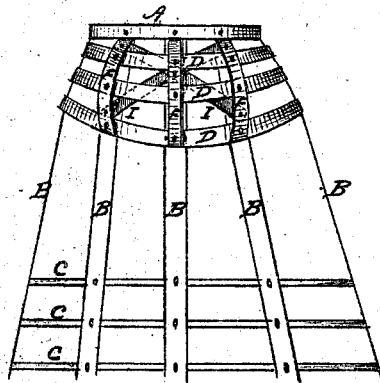


fig. 2.



Witnesses
J. W. Thorneycroft
A. J. Tibbitts

Morris P. Bray
Inventor
By his Attorney
John E. Earle

UNITED STATES PATENT OFFICE.

MORRIS P. BRAY, OF BIRMINGHAM, CONNECTICUT, ASSIGNOR TO HIMSELF
AND DOWNS & BASSETT, OF SAME PLACE.

IMPROVEMENT IN HOOP-SKIRTS.

Specification forming part of Letters Patent No. **112,681**, dated March 11, 1871.

To all whom it may concern:

Be it known that I, MORRIS P. BRAY, of Birmingham, in the county of New Haven and State of Connecticut, have invented a new Improvement in Hoop-Skirts; 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 side view, and in Fig. 2 a rear view.

This invention relates to an improvement in hoop-skirts, especially to that part termed the "bustle," the object of the invention being to form a support for the bustle, to sustain it in a central position at the back and prevent its turning or being pressed out of shape.

The invention consists in combining with the transverse and vertical springs, which, in connection with the bands and tapes, form the bustle, diagonal springs running from the band at one side across and down to the lower spring upon the opposite side, thus forming a brace which prevents the transverse and vertical springs from changing position.

A is the band, B the tapes, and C the springs, of a common hoop-skirt.

D are transverse springs extending from the

tab E, near the front on one side, around a corresponding tab on the opposite side.

F are vertical springs extending from the band down to the tapes, and secured at their ends, respectively, to the band and tapes, and to these the transverse springs are securely fixed. While these vertical springs prevent a vertical movement of the transverse springs they do not prevent a transverse movement, which will throw the bustle out of shape. To avoid this I arrange diagonal springs I I, one of which runs from the band at one side down to the lower spring of the bustle on the opposite side, the other from the band at the opposite side crossing the first diagonal spring to the lower spring of the bustle, as seen in Fig. 2. The said diagonal spring being firmly secured in position and to the parts securely, guards against all derangement or misplacement of the springs or bustle.

I claim as my invention—

In a hoop-skirt, in which are combined transverse springs D and vertical springs F to form the bustle, the arrangement of diagonal springs I I, substantially in the manner and for the purpose specified.

M. P. BRAY.

Witnesses:

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