

(No Model.)

J. GALVIN.

BUSTLE.

No. 378,439.

Patented Feb. 28, 1888.

Fig. 1.

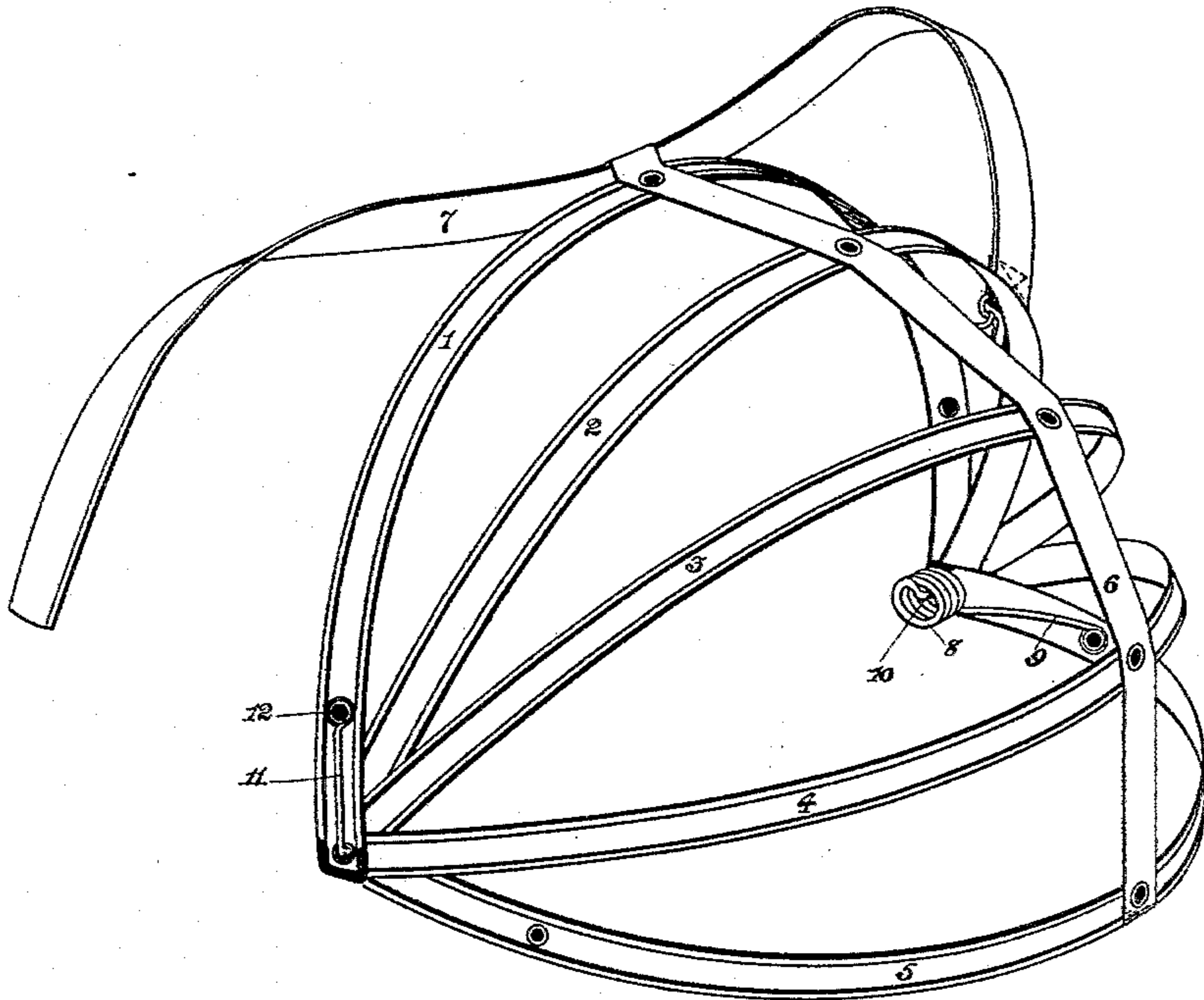


Fig. 2.

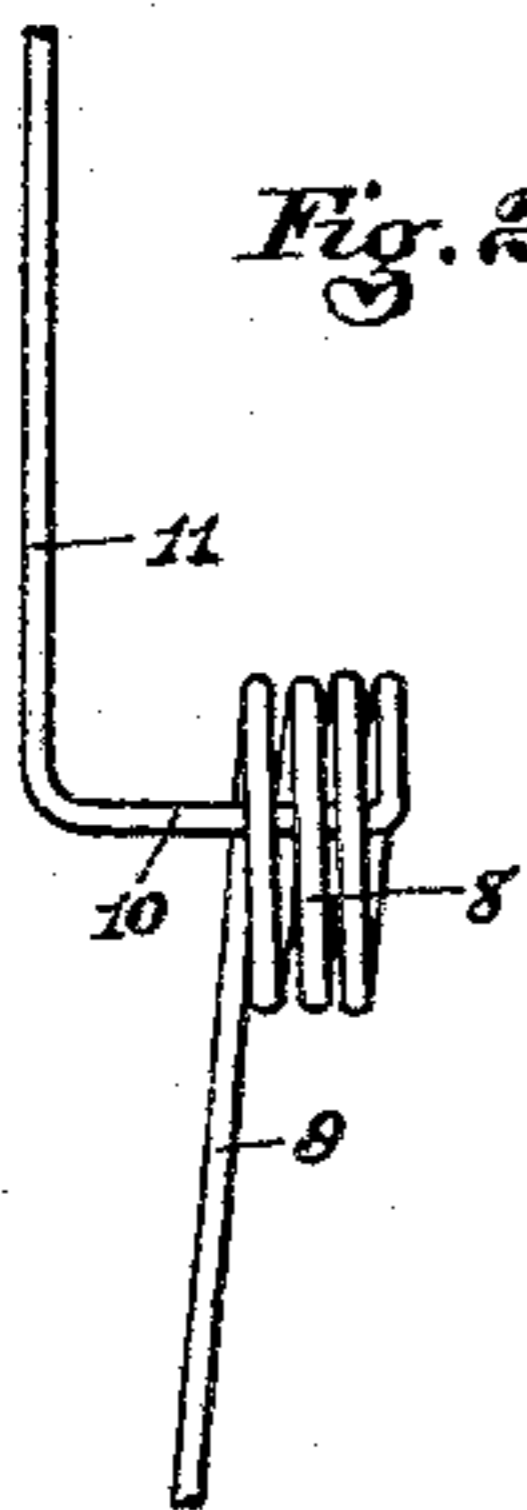


Fig. 3.

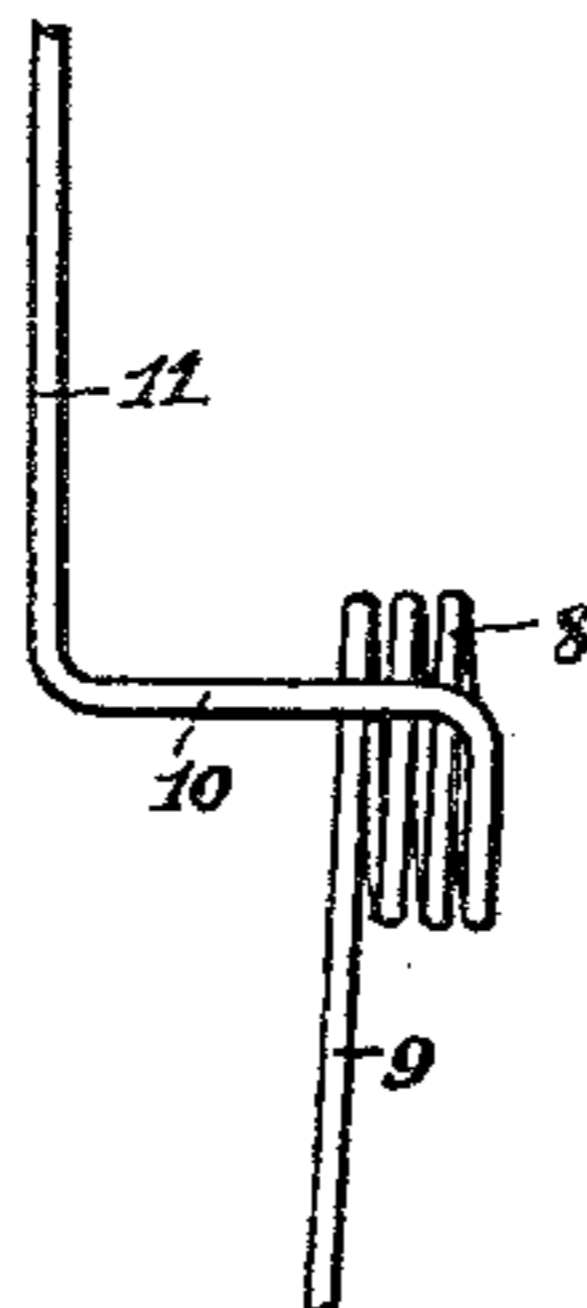
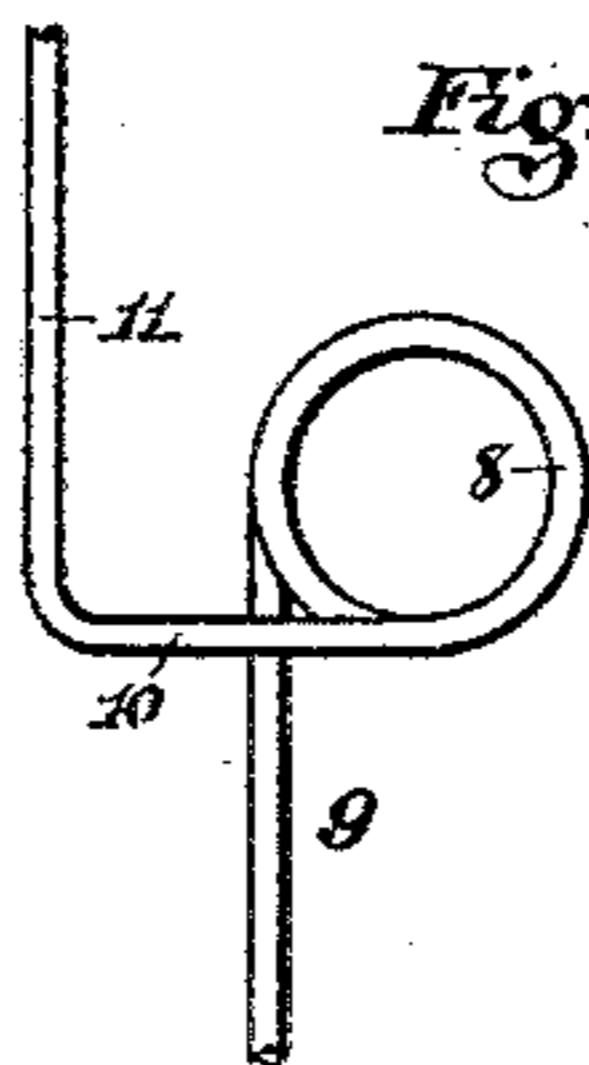


Fig. 4.



Witnesses
S. S. Williamson.
W. T. Sanford.

Inventor:
James Galvin
by *Smith and Hubbard*
attorneys.

UNITED STATES PATENT OFFICE.

JAMES GALVIN, OF BRIDGEPORT, CONNECTICUT, ASSIGNOR TO THOMAS P. TAYLOR, OF SAME PLACE.

BUSTLE.

SPECIFICATION forming part of Letters Patent No. 378,439, dated February 28, 1888.

Application filed December 16, 1887. Serial No. 258,056. (No model.)

To all whom it may concern:

Be it known that I, JAMES GALVIN, a citizen of the United States, residing at Bridgeport, in the county of Fairfield and State of Connecticut, have invented certain new and useful Improvements in Bustles; and I do hereby declare the following to be a full, clear, and exact description of the invention, such as will enable others skilled in the art to which it appertains to make and use the same.

My invention relates to certain new and useful improvements in bustles, and has for its object more especially to provide a spring for the actuation of bustles of ordinary construction, which shall be simple and cheap, and not liable to displacement or distortion when in operative position; and with these ends in view my invention consists in the details of construction, which will hereinafter be fully set forth, and then recited in the claim.

In order that those skilled in the art to which my invention appertains may fully understand my improved bustle, I will describe the same in detail, reference being had to the accompanying drawings, which form a part of this specification, and in which—

Figure 1 is a perspective of a bustle containing my improved spring; Fig. 2, a detail view showing the spring detached; Figs. 3 and 4 slightly modified constructions.

Similar letters denote like parts in all the figures.

1, 2, 3, 4, and 5 represent the distending bows of which the bustle is composed.

6 is a check or spacing tape, and 7 a suitable waistband.

The spring element consists of the coils 8,

the tangentially extended member 9, adapted for attachment to one of the distending bows, the backwardly-turned section of wire 10, which extends through the coils, and the member 11, arranged to be secured to the outer bow by means of an eyelet, 12, or in any other suitable manner.

In the assembled bustle the ends of all the bows are pivoted upon that portion of wire designated as "10," and the attachment of the members 9 and 11 to the top and bottom bows serves to keep the bustle normally distended by the spring action of the coils. The closing of the bustle convolutes said coils, which, when pressure is released, expand the bustle to its full size. The advantages of this peculiar spring are, that the section of wire 10 affords an exceedingly convenient pivot for the bows, and that said section by passing through the coils protects them from lengthwise expansion, and to a certain degree from lateral distortion.

I claim as my invention—

The combination, with the collapsible distending bows and a suitable waistband and check-tape, of the coiled spring, one end of which is secured to the inner bow, and the other end of which is passed backward through the coils and the extremities of the bows and is bent upward and secured to the outer bow, substantially as set forth.

In testimony whereof I affix my signature in presence of two witnesses.

JAMES GALVIN.

Witnesses:

S. H. HUBBARD,

S. S. WILLIAMSON.