(No Model.)

C. A. ALLEN.

BUSTLE.

No. 400,424. Patented Apr. 2, 1889.

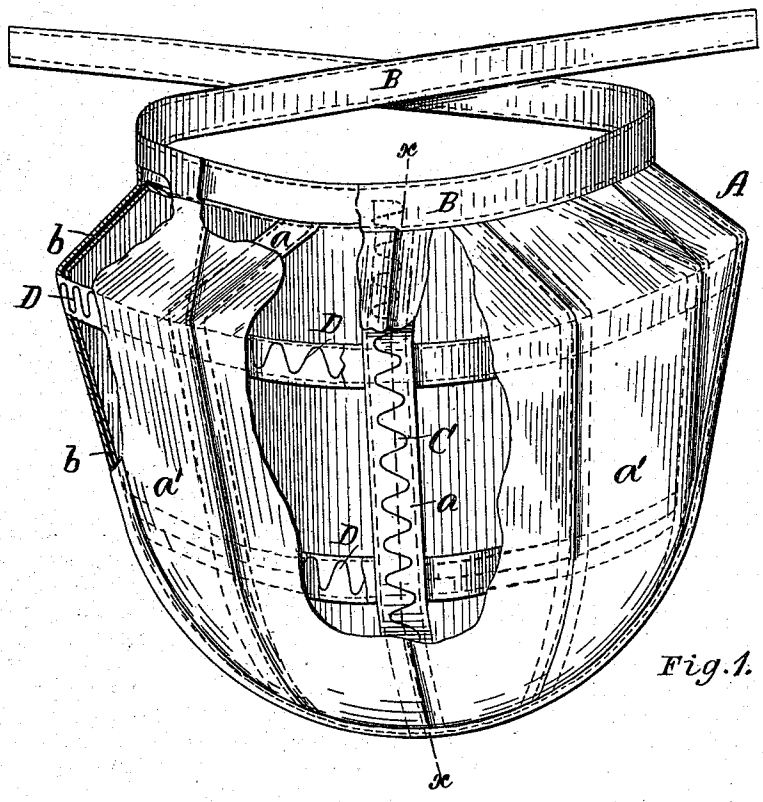


Fig. 1.

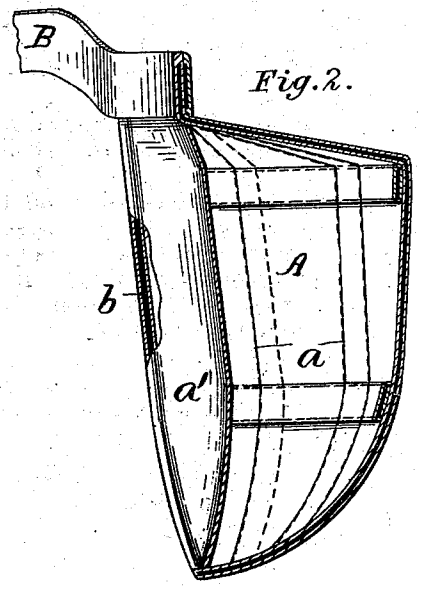
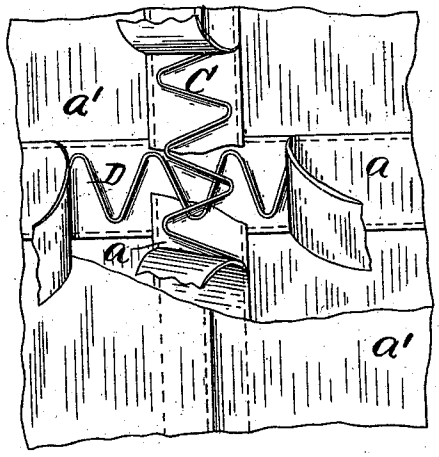


Fig. 2.

Fig. 3.



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UNITED STATES PATENT OFFICE.

CHARLES A. ALLEN, OF CHICAGO, ILLINOIS.

BUSTLE.

SPECIFICATION forming part of Letters Patent No. 400,424, dated April 2, 1889.

Application filed January 22, 1889. Serial No. 297,181. (No model.)

To all whom it may concern:

Be it known that I, CHARLES A. ALLEN, a citizen of the United States, residing at Chicago, in the county of Cook and State of Illinois, have made certain new and useful Improvements in a Bustle, of which the following is a full, clear, and exact description that will enable others to make and use the same, reference being had to the accompanying drawings, forming a part of this specification.

The object of this invention is to provide a bustle that is very light in its make up and so elastic and yielding as to readily conform to the movements of the wearer, and at the same time be perfectly easy and comfortable in any position.

Figure 1 is an elevation embodying my improved features; Fig. 2, a vertical transverse section in plane *x*, Fig. 1; and Fig. 3, a broken-away section.

Referring to the drawings, A represents the bustle as a whole, and B the band.

C represents a number of flat crimped-wire springs arranged vertically, and D a number of companion springs arranged in a horizontal plane or at right angles to the companion springs C. These springs are made of suitable wire and bent in a zigzag form, as shown. The shape and disposition of the springs throughout the structure are such that they afford a mutual support for each other and yet have an elastic independent adjustment or movement, thus being easy and comfortable to the wearer, and always returning to and retaining the original contour of the structure. The springs will be small and made of light wire, so that the frame of the structure will be very light. The springs will be sewed in the pockets *a*, and the article as a whole completed by the outside covering *a'*. The structure is strengthened and stiffened by the border-wire *b*, sewed into the binding-edge of the fabric, as shown in Figs. 1 and 2, a portion of the cloth covering being broken away, showing the wire.

Having thus described my invention, what I claim as new, and desire to secure by Letters Patent, is—

As a new article of manufacture, a bustle structure consisting of a number of crimped-wire springs arranged vertically, a number of companion springs disposed at right angles with reference to the vertical springs, the pockets in which the series of springs are inserted, the outside covering, and the binding-wire secured in and extending around the edge of said covering, substantially as and for the purpose set forth.

CHARLES A. ALLEN.

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