

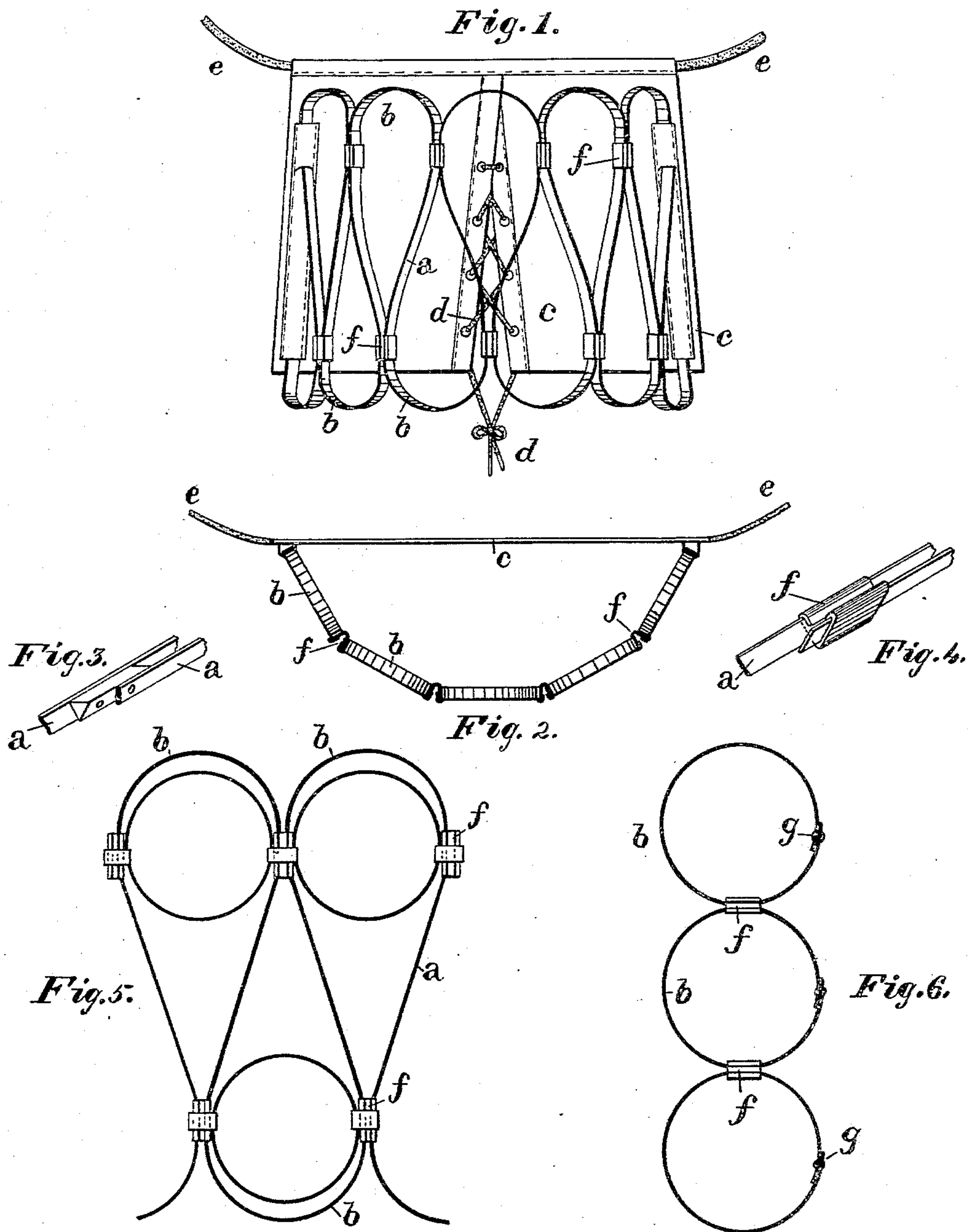
(No Model.)

C. E. BROWN.

BUSTLE.

No. 300,565.

Patented June 17, 1884.



Witnesses:  
A. C. Eader.  
Jno. E. Morris.

Inventor:  
C. E. Brown,  
By Chas. B. Mann,  
Attorney.



# UNITED STATES PATENT OFFICE.

CALEB E. BROWN, OF JACKSON, MICHIGAN.

## BUSTLE.

SPECIFICATION forming part of Letters Patent No. 300,565, dated June 17, 1884.

Application filed October 24, 1883. (No model.)

*To all whom it may concern:*

Be it known that I, CALEB E. BROWN, a citizen of the United States, residing at Jackson, in the county of Jackson and State of Michigan, have invented certain new and useful Improvements in Bustles, of which the following is a specification.

My invention relates to improvements in bustles, and the same will first be described, and then designated in the claim.

In the accompanying drawings, which illustrate the invention, Figure 1 is a back view of the bustle. Fig. 2 is a top view of the same. Figs. 3 and 4 are views of modifications of V-shaped connections for the spring-loops. Fig. 5 is a view showing a modification in the arrangement of a series of spring-loops comprising both oblong and circular loops. Fig. 6 is a view of circular loops secured by the V-shaped connections.

The letter *a* designates a narrow steel band bent to form loops *b*, which serve as springs. These loops may be oblong, as shown in Fig. 1, or round, as seen in Fig. 6; or both forms may be embodied in one bustle, if the same is made extra large, as seen in Fig. 5. The spring-loops adjoining each other may be composed of a single continuous metal band, as in Fig. 1, or each loop may comprise a separate piece, as seen in Fig. 6.

In Figs. 1 and 2 the spring-loops are attached to a cloth back-band, *c*, slitted at the center and provided with a lace, *d*, by which the cloth may be shortened or lengthened, and thereby the spring-loops bowed more or less. Tapes *e* are attached, which are to be tied about the waist to secure the bustle to the body. The spring-loops may be oblong—that is, rounded at one end and tapering at the other—and the rounded end of one loop is placed oppositely to the rounded end of the loop next adjoining; or, in other words, the rounded end of one loop adjoins the tapered end of the next loop. These spring-loops are composed of a single continuous band. The curved part of the loops *b* adjoin, and said curved parts are secured together by a V-shaped hasp, *f*, which is rigidly attached to the steel band, the point of the V being toward the cloth *c*,

thereby the connection between the loops is V-shaped. The result of this means of connecting the spring-loops is to form a curve springing away from the cloth, as seen in Fig. 2, each loop constituting a section in the curve. When pressure is applied direct toward the cloth, the metal band of each loop is subjected to a partial twist, which affords a spring-resistance. When pressure is applied against the loops edgewise, as from top to bottom, there is, of course, a spring-resistance; but the spring will readily yield to pressure in this direction.

The V-shaped hasp may be a wedge, against the opposite sides of which the spring-metal band *a* of the loops are placed, the two being rigidly secured by a rivet passed through, as shown in Fig. 3, or secured by any other suitable means; or, instead of a wedge, a strip of sheet metal may have one end wound about or clasping the spring-metal band of one loop, and the other end about the band of the next loop, as shown in Fig. 4. Any ordinary style of connecting-hasp may be employed to fasten the end of the band to form the first loop. Where each loop is composed of a separate piece of band the ends thereof must be suitably fastened together, as indicated at *g*.

A flat spring-metal band is here shown, but in lieu thereof I may employ the well-known round spring-wire to make the loops.

Made as herein described, the bustle is comfortable to the wearer, is strong and elastic.

Having described my invention, I claim and desire to secure by Letters Patent of the United States—

The combination, with a bustle having a series of flat metal-band spring-loops, *b*, and a cloth band, *c*, of V-shaped hasps, securing the loops together, forming a V-shaped connection between the loops to produce a curvature of the combined section, as shown and described.

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

CALEB E. BROWN.

Witnesses:

C. E. WEBB,  
G. R. BYRNE.