

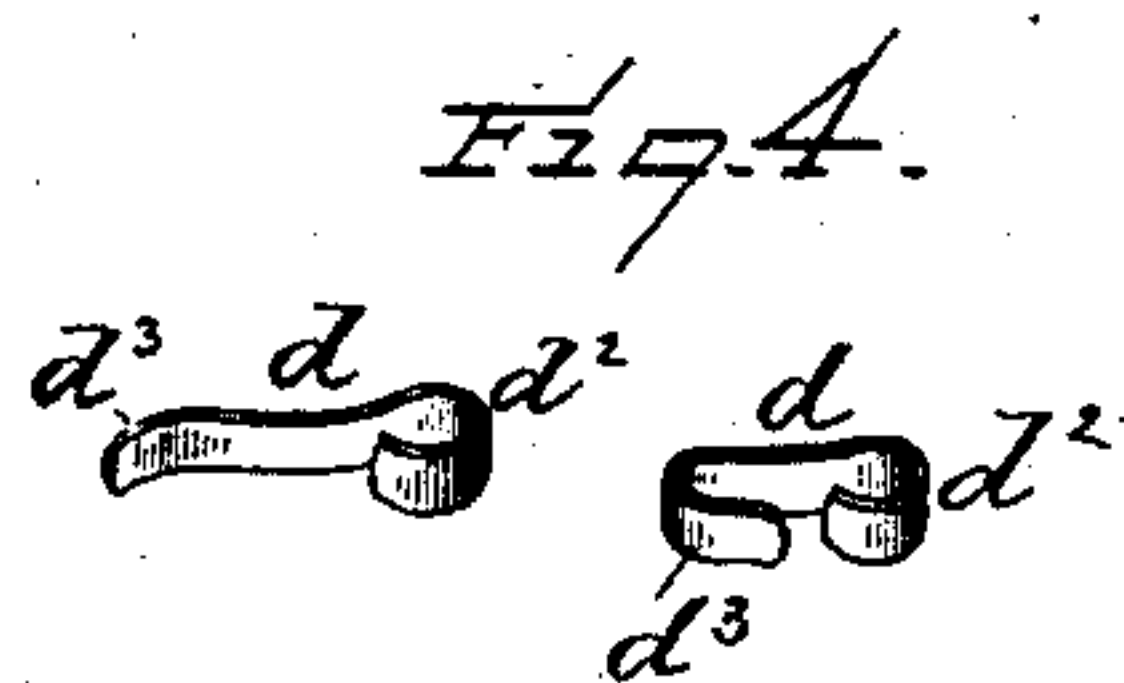
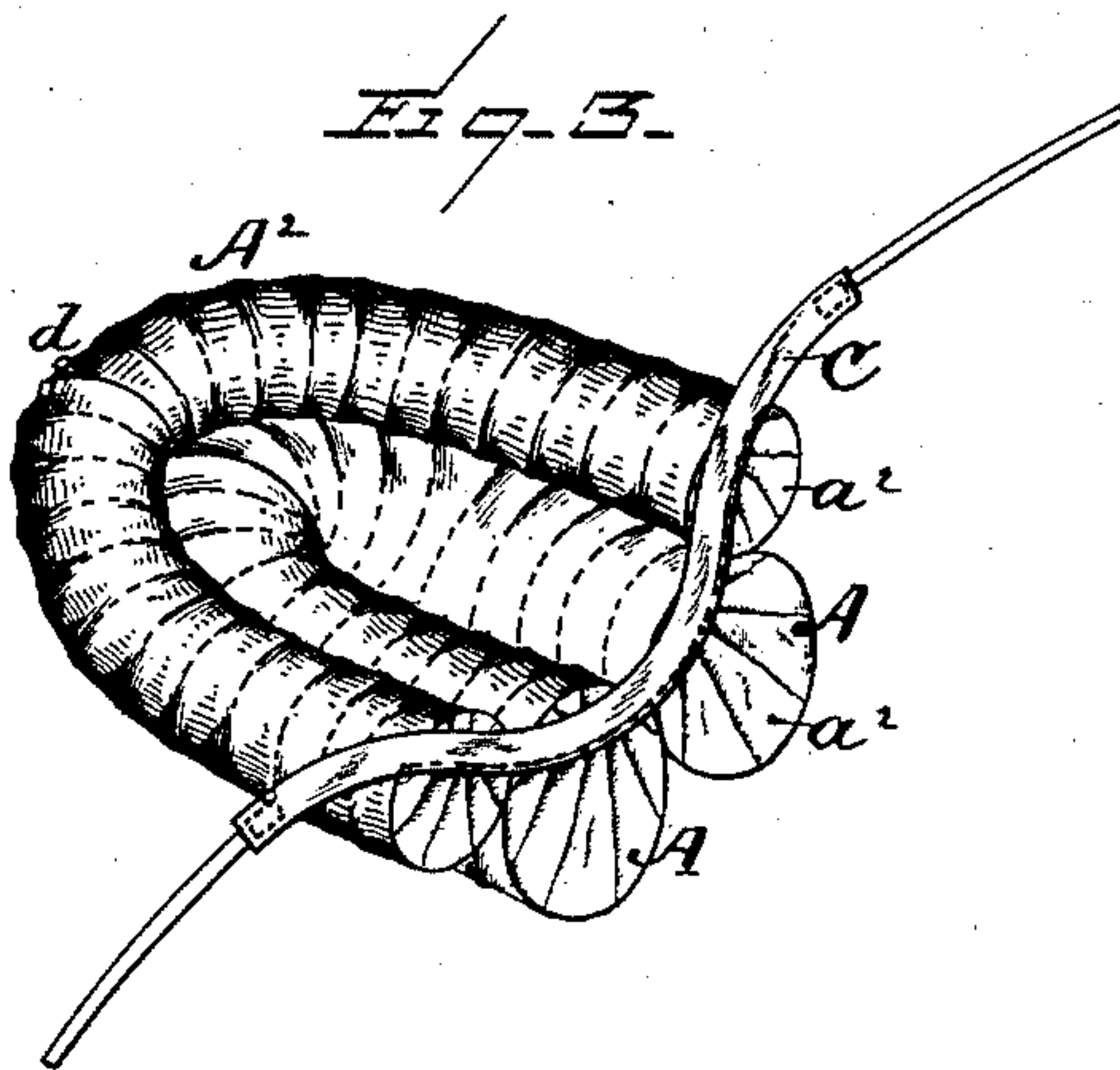
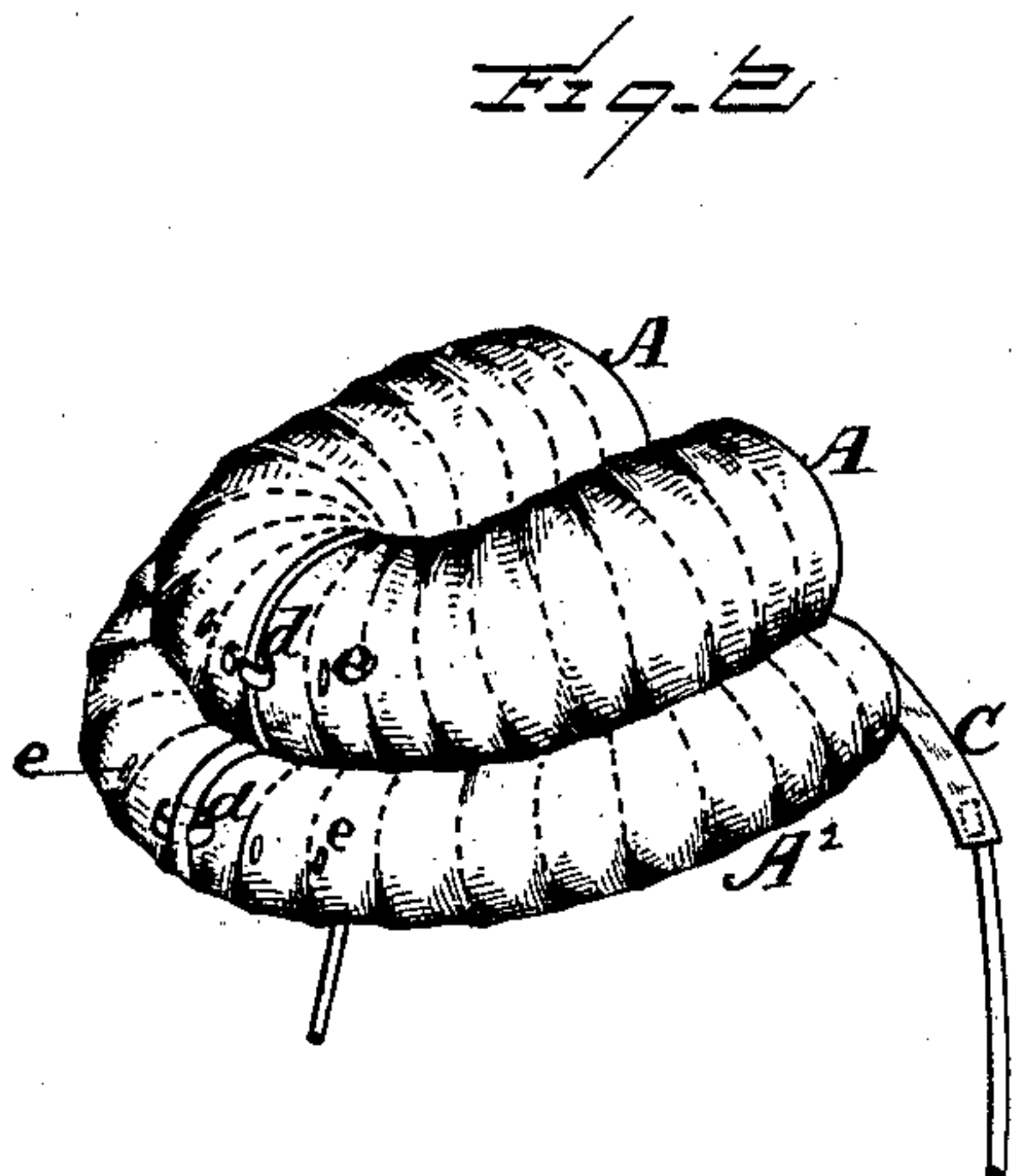
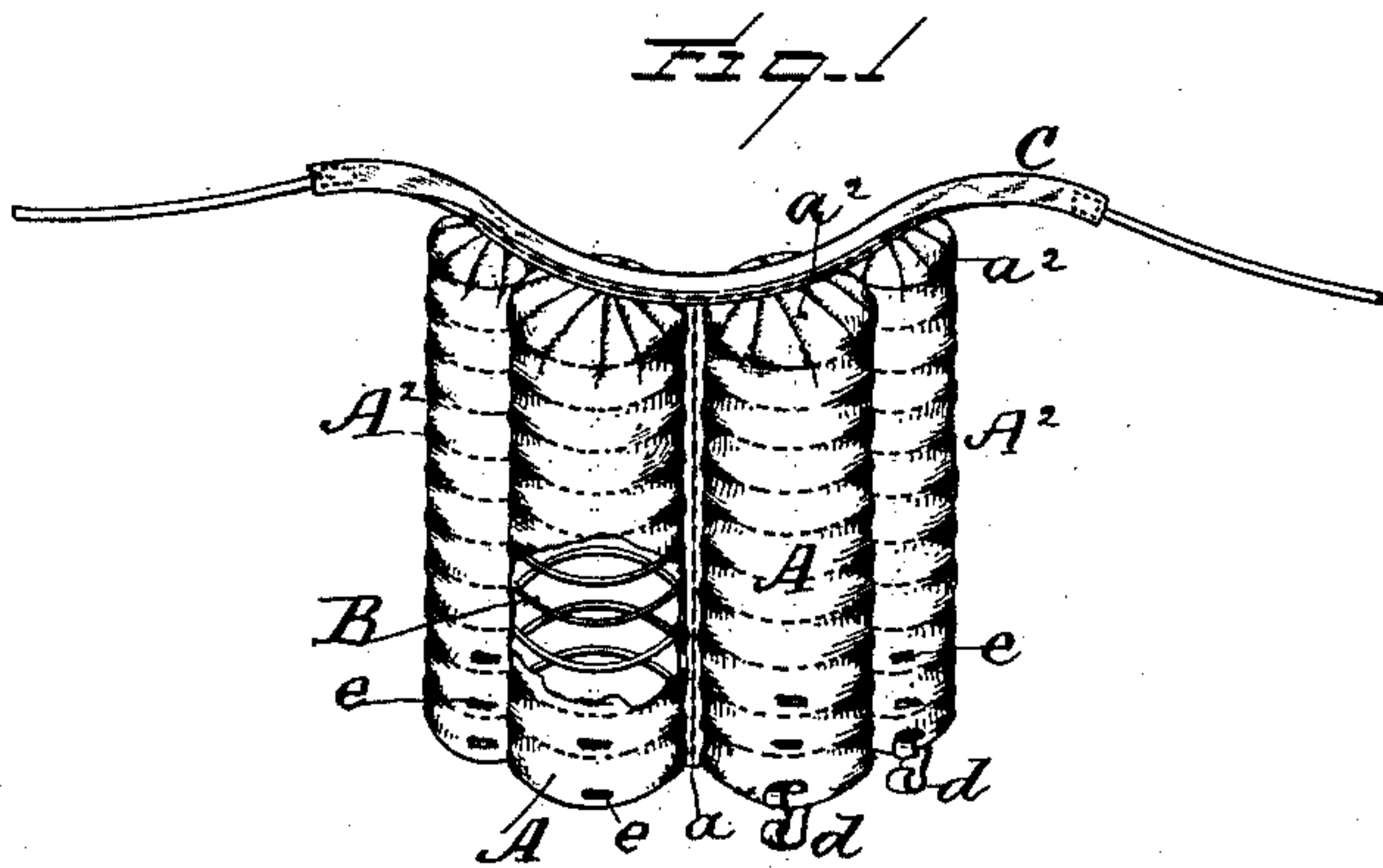
(No Model.)

W. A. DOTY.

BUSTLE.

No. 374,180.

Patented Dec. 6, 1887.



Witnesses:

E. Murdeman.
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UNITED STATES PATENT OFFICE.

WALLACE A. DOTY, OF COLUMBUS, OHIO.

BUSTLE.

SPECIFICATION forming part of Letters Patent No. 374,180, dated December 6, 1887.

Application filed September 6, 1887. Serial No. 248,983. (No model.)

To all whom it may concern:

Be it known that I, WALLACE A. DOTY, a citizen of the United States, residing at Columbus, in the county of Franklin, State of Ohio, have invented certain new and useful Improvements in Bustles, of which the following is a specification, reference being had therein to the accompanying drawings.

My invention relates to bustles formed of coiled-wire springs incased in pockets and the latter attached to a waistband; and the object of my invention is to produce, with the same springs and pockets, bustles of different appearance and the size of which is capable of being adjusted and adapted for use under different fashions. I accomplish these objects by the construction illustrated in the accompanying drawings, in which—

Figure 1 is a rear view, partly in perspective and broken away to show the wire coils, of a bustle constructed in accordance with my invention. Fig. 2 is a perspective view of a modified form of bustle, consisting of the same coils and pockets as in Fig. 1, but with their lower ends connected together by adjustable hooks or clamps and the coils of largest diameter placed on top of the coils of smaller diameter to give thereto a semi-spherical appearance. Fig. 3 is a perspective view of the same parts turned over, with the coils of largest diameter under the others, and thereby producing the greatest possible rearward projection with the parts shown in Figs. 1 and 2.

Fig. 4 represents, in perspective, one of the hooks or clamps partly open and the other closed, used to connect the ends of the springs together and render their length adjustable on the bulge or rearmost portion thereof.

In said drawings, A represents two large pockets sewed together at *a* along one side thereof, and on the sides of these pockets are two other pockets, *A*², of smaller diameter, and within each pocket is placed a coiled-wire spring, B, corresponding in size with the pocket made for its reception. The pockets are closed at their upper ends, *a*², by gathering and sewing at said end the material thereof, and to said material is sewed a waistband or belt, C, preferably not in the middle of the gathering, but closer to the inner edge thereof. The springs B are retained in the pockets

either by means of a few stitches connecting them with the material of the pockets or by slightly narrowing the lower end of said pockets.

To change the appearance of the bustle shown in Fig. 1 into that shown in Figs. 2 and 3, there is secured to the lower coils of one of the large inner springs and to the lower coil of one of the outer springs a small metal strap or hook, *d*, that may be of wire, but preferably of sheet-brass. One end thereof is bent to form an eye, *d*², to clasp one of the coils of the spring and a portion of the pocket-covering, and the opposite end, *d*³, is to be bent in the form of a hook, to be looped around the lower coil of the adjacent spring after the lower ends of the pockets and springs have been bent and brought together in juxtaposition.

To permit the size of the bustle to be regulated, perforations or eyes *e* are made in the lower portion of each pocket opposite two or three of the last coils of the springs, so that the strap or hook *d* can be made to engage with coils of the springs at more or less distance from their lower or bulging end, and thus condense said coils together.

It is evident that other well-known clasps could be used in place of the strap or hook *d*, and even buttons, all within the scope of my invention.

I am aware that bustles have been made of springs placed in pockets sewed together and retained vertically, as shown in Fig. 1, and that incased coils have been placed upon each other, as shown in Fig. 2; but the horizontal coils heretofore used are deficient in adjustability and incapable of being transformed at will into vertical-coils bustles or reduced in size at the bulging end, and thereby stiffened and re-enforced.

Having now fully described my invention, I claim—

1. The combination of two pairs of pockets and springs therein with a belt secured to one end of said pockets, and hooks or clasps secured at the opposite end, whereby the ends of said springs may be united in pairs, substantially as and for the purpose described.

2. The combination of two pockets of uniform size secured together their whole length,

two pockets of smaller size secured to the side
of the first-stated pockets, two pairs of coiled
springs retained in said pockets, a belt se-
cured to the upper end of said pockets, and
5 hooks secured to the lower end thereof, whereby
the springs may be secured to each other in
pairs, end for end, substantially as described.

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

WALLACE A. DOTY.

Witnesses:

T. M. BIGGER,
I. C. KOEHNE.