

(Model.)

C. R. TUFTS.
BUSTLE.

No. 398,474.

Patented Feb. 26, 1889.

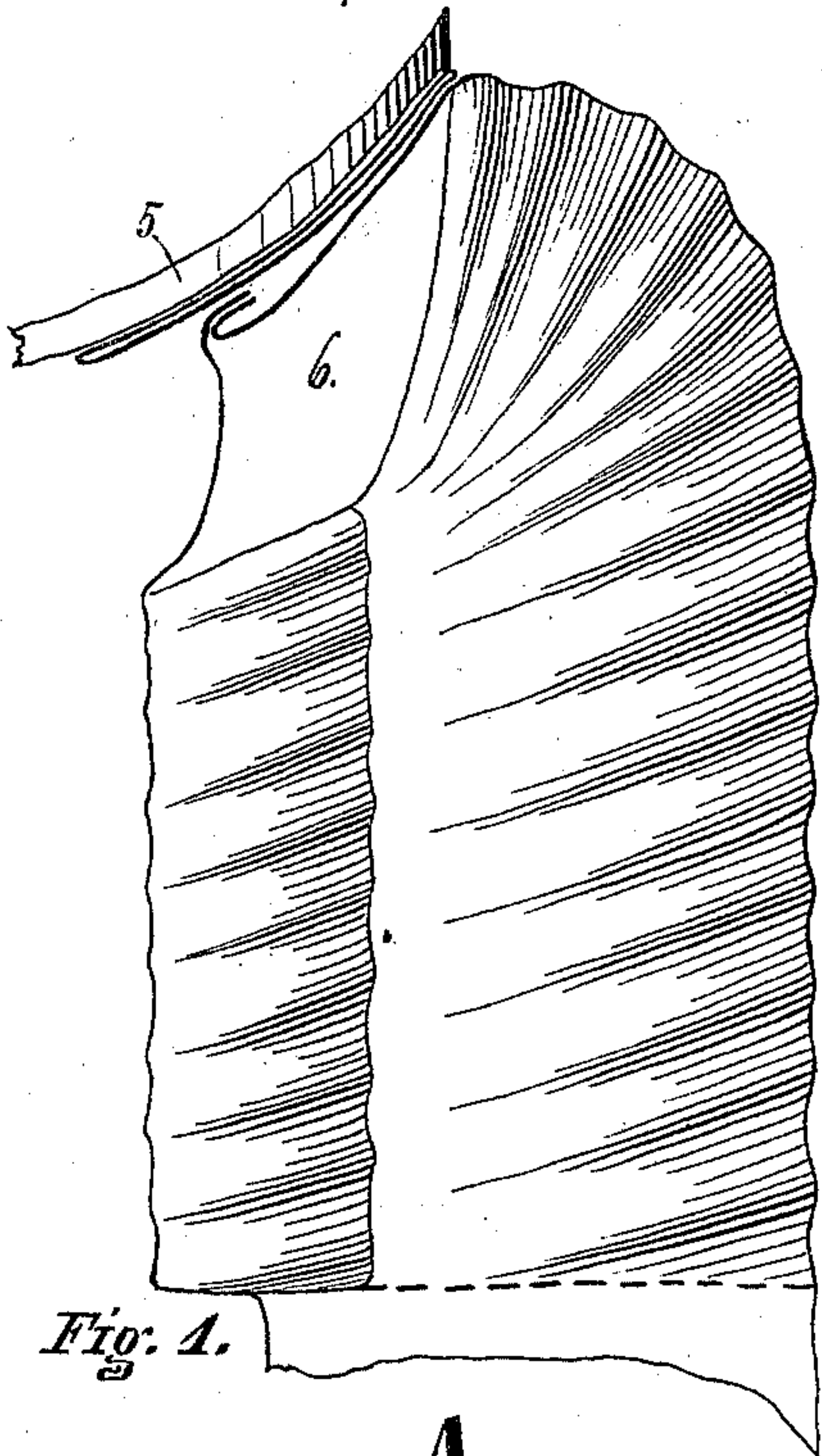


Fig. 1.

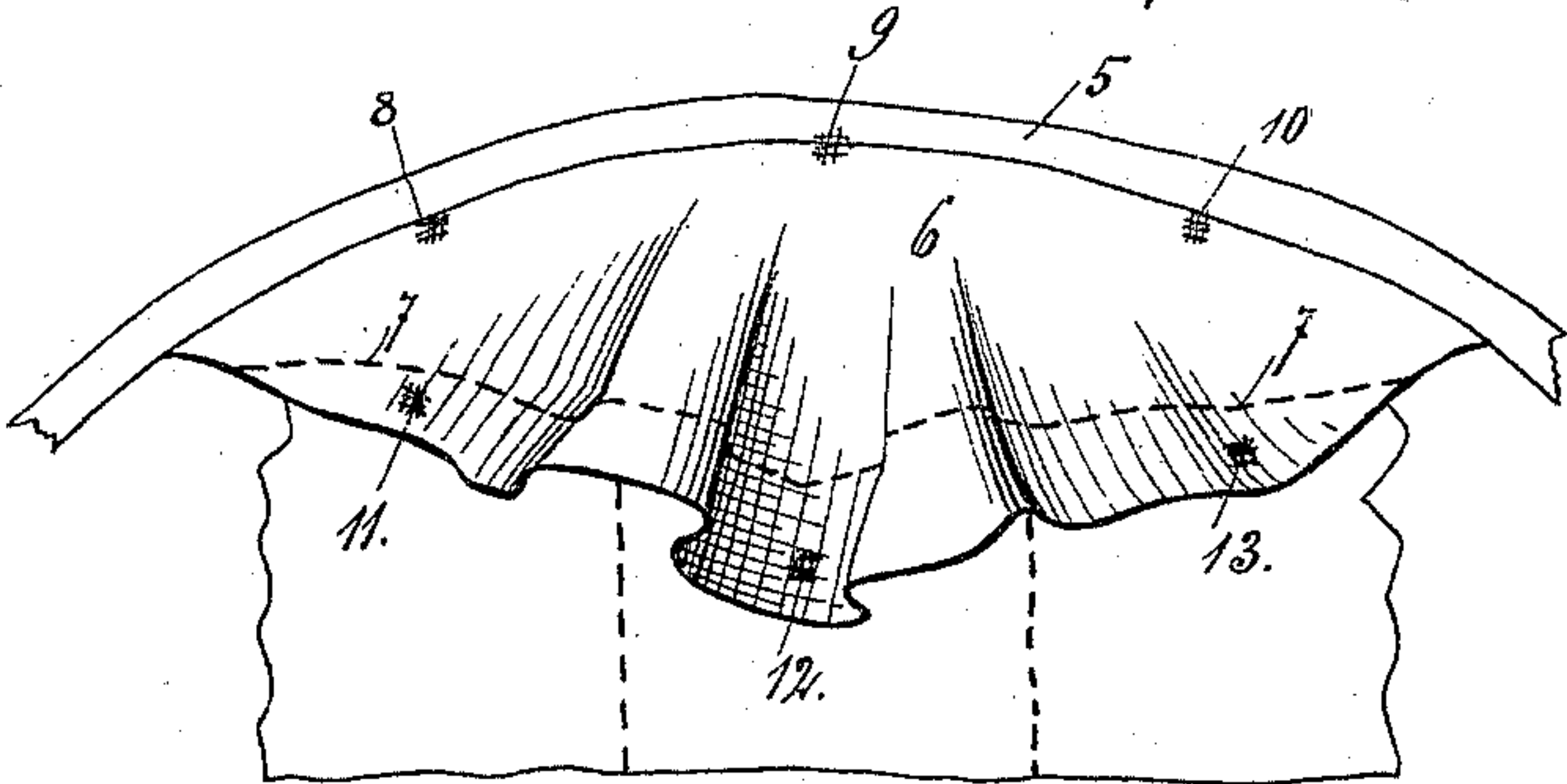


Fig. 2.

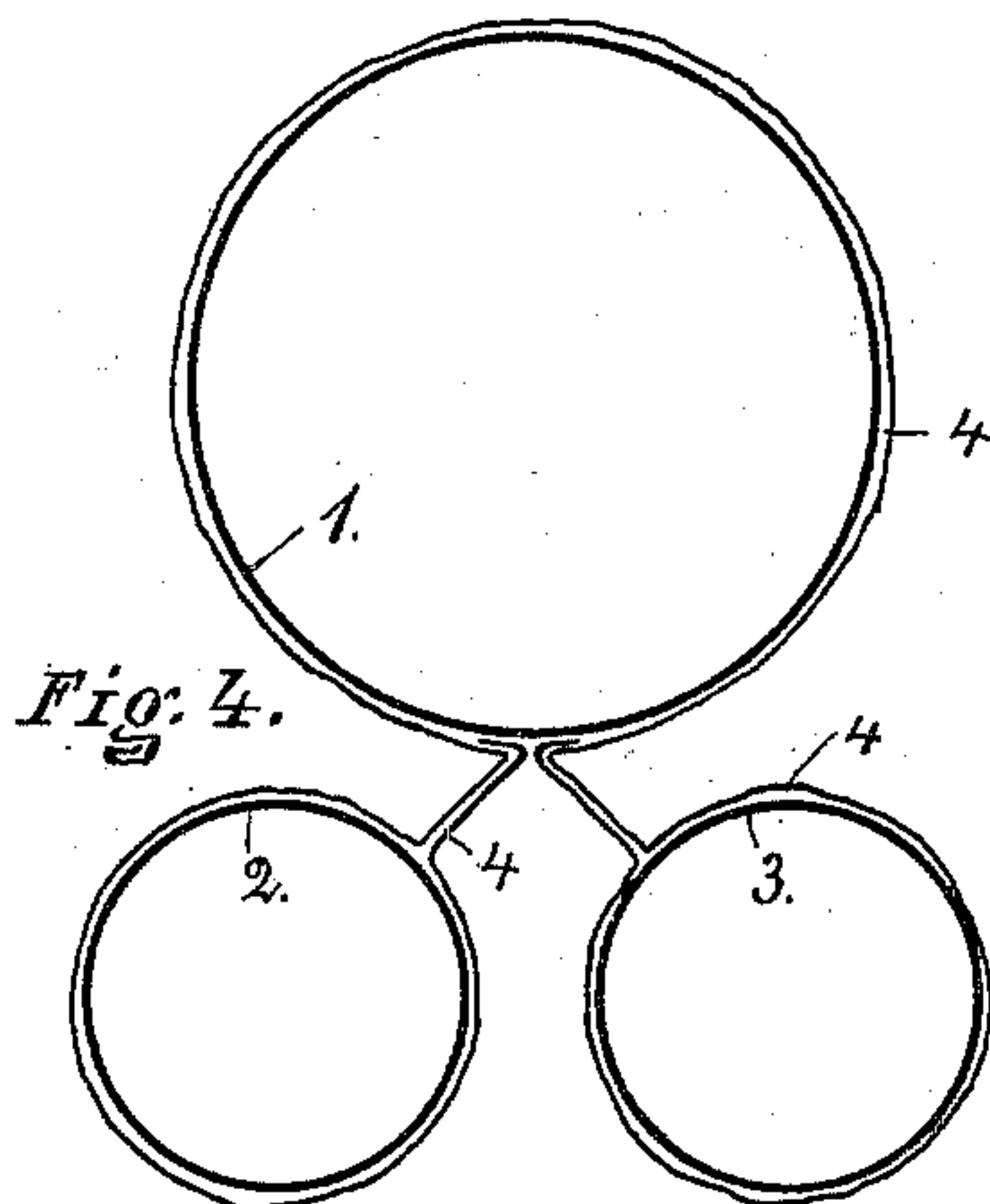


Fig. 4.

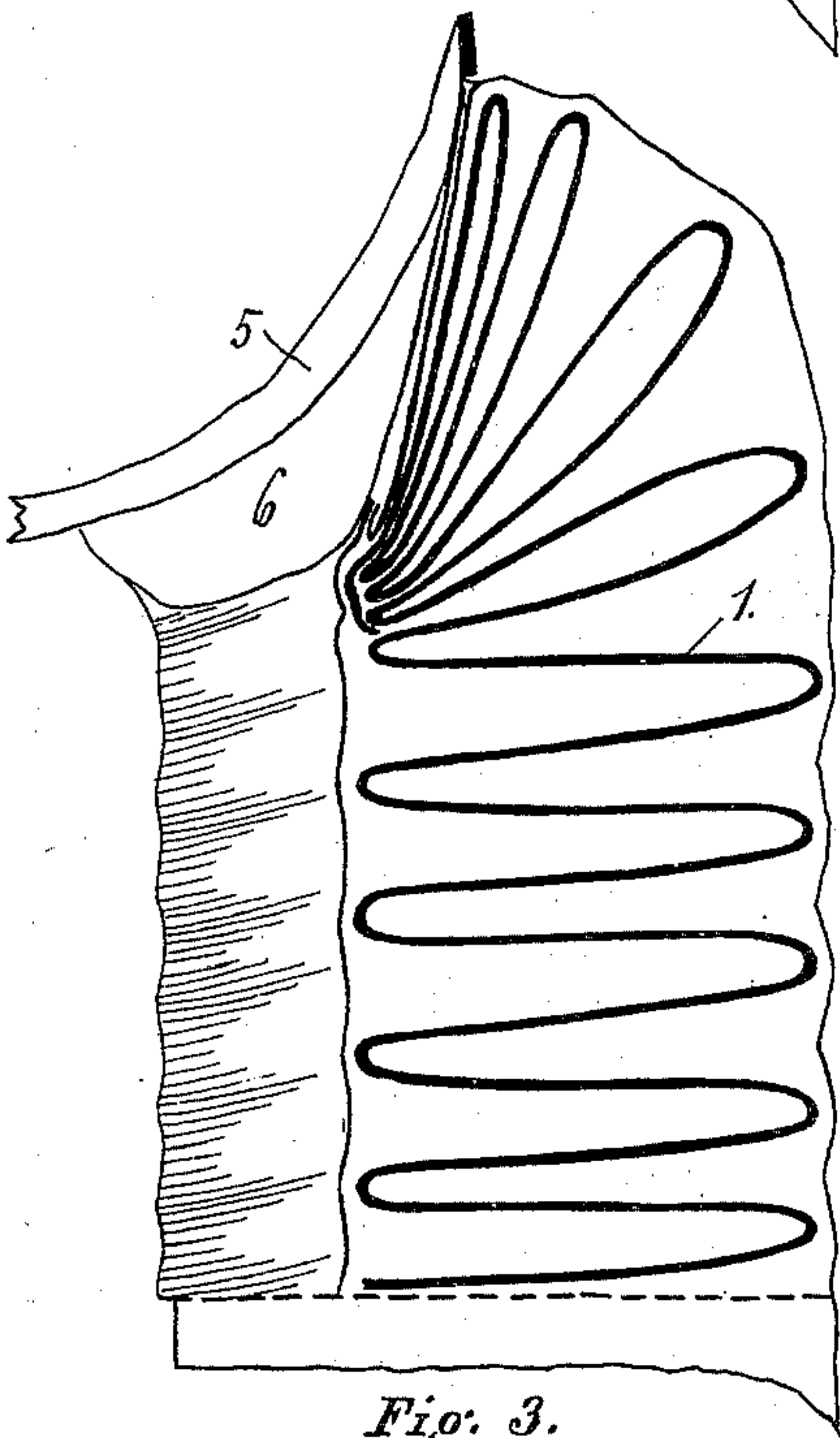


Fig. 3.

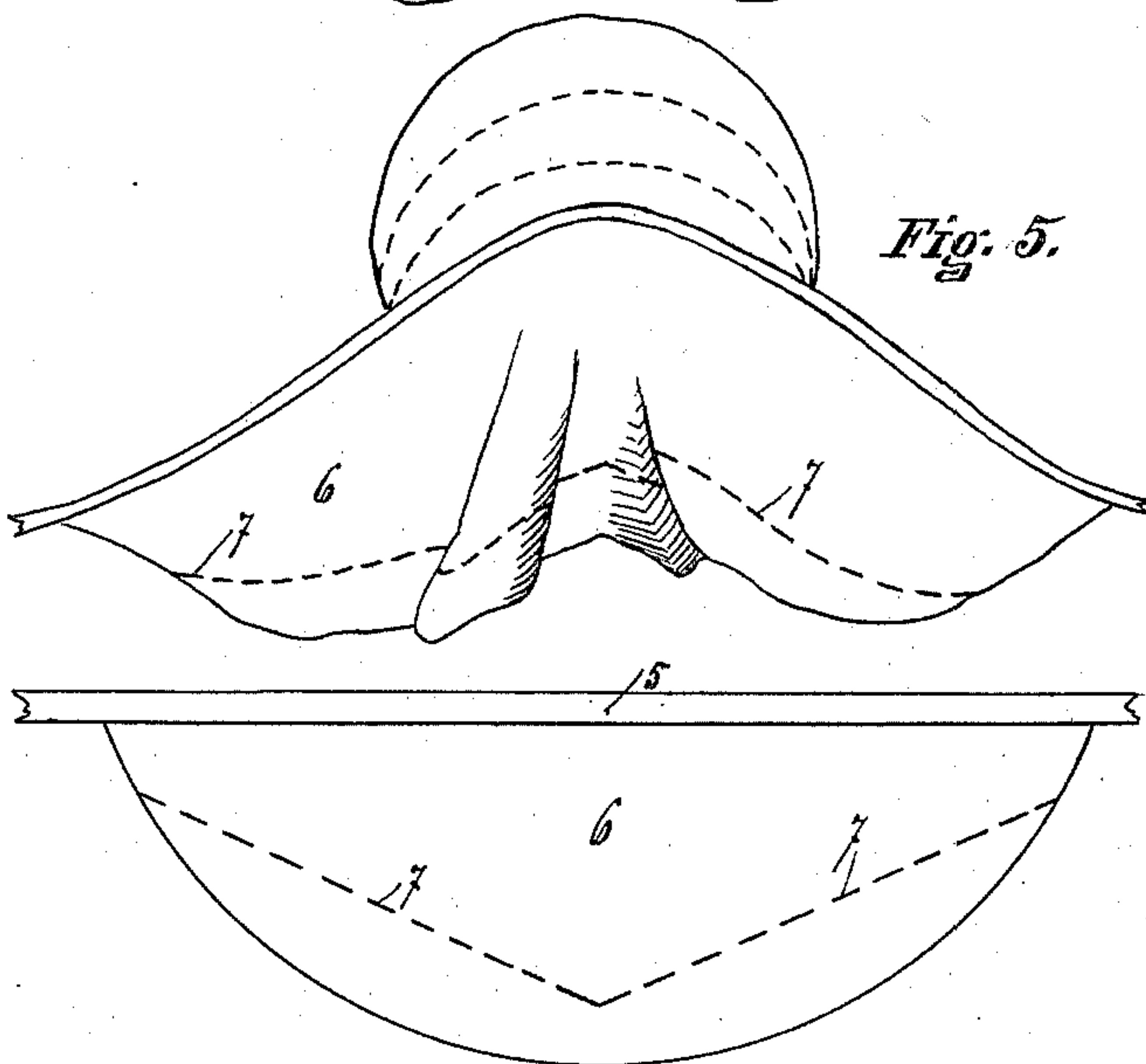


Fig. 5.

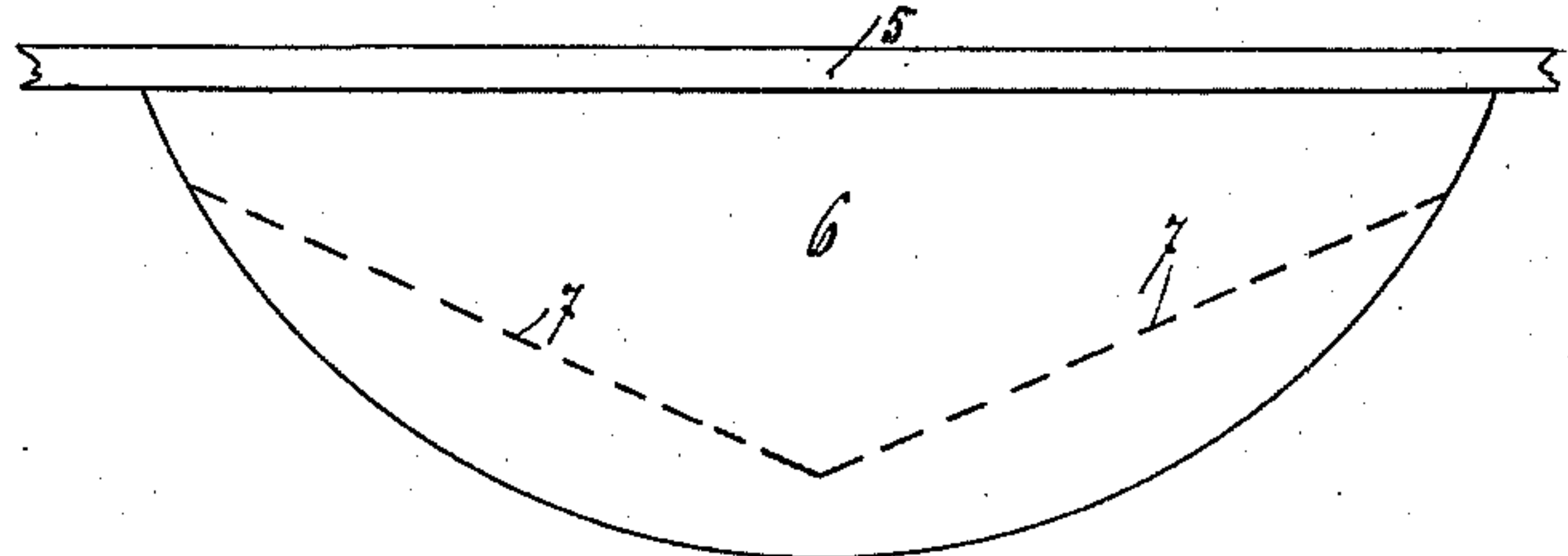


Fig. 6.

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UNITED STATES PATENT OFFICE.

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BUSTLE.

SPECIFICATION forming part of Letters Patent No. 398,474, dated February 26, 1889.

Application filed September 3, 1888. Serial No. 284,446. (Model.)

To all whom it may concern:

Be it known that I, CHARLES R. TUFTS, of the city of Utica, in the county of Oneida and State of New York, have invented certain new and useful Improvements in Bustles; and I do hereby declare that the following is a full, clear, and exact description of the invention, which will enable others skilled in the art to which it appertains to make and use the same, reference being had to the accompanying drawings, and to the letters of reference marked thereon, which form part of this specification.

My invention relates to an improvement in bustles.

In the drawings which accompany and form a part of this specification, Figure 1 shows a side view of a bustle constructed on my improved plan. Fig. 2 shows a front view of the upper portion of the same. Fig. 3 shows a central vertical section of same as shown in Fig. 1. Fig. 4 shows a longitudinal section of bustle through springs and covering. Fig. 5 shows a top view. Fig. 6 shows details of construction.

In constructing a bustle on my improved plan I provide, preferably, three spiral springs, 1, 2, and 3, preferably one large in diameter and two smaller. The springs are inclosed in fabric or covering 4, constructed of one square or rectangular piece, so formed and sewed as to form three pockets for the reception of the spring and webs connecting the same, substantially as shown in Fig. 4.

A band, 5, of suitable size and length for the purpose, is provided for attaching the bustle to the wearer. To the band 5 is attached a substantially semicircular piece of cloth, 6, which I term a "protecting stay-piece." This piece I prefer to construct of double thickness of material.

I secure the pocket or covering 4 of the springs to the back of the protecting stay-piece 6 in a substantially semicircular or V-

shaped line, as shown in dotted lines at 7 in Figs. 2, 5, and 6. The upper convolution of each coil or spiral spring is secured to the band or to the piece 6 near the band, as indicated at 8, 9, and 10, respectively, Fig. 2. Two or more of the convolutions of the spring are drawn together and secured at a point diametrically opposite the place where the springs are secured to the band and to piece 6 at points indicated by 11, 12, and 13, respectively, Fig. 2. This gives the desired curve to the upper end of each of the springs, as may be readily understood by reference to Fig. 3. The number of convolutions of the spring that it is necessary to bring together to produce the desired turn or curve in the upper end of the springs will depend largely upon the distance apart of the convolutions of the spring.

What I claim as new, and desire to secure by Letters Patent, is—

A bustle having a band and the pendent stay-piece secured thereto, in combination with three coiled springs, each spring incased in a separate pocket, the pockets being joined by web, the central pocket and spring being of larger diameter than the remaining springs and pockets, the upper and outer end of the central pocket and spring secured to the stay-piece at the band; the remaining springs and pockets secured at their upper and outer ends to the stay-piece on a lower horizontal plane than the central pocket and spring, and the lower portion of the pockets and two or more convolutions of the springs secured to the stay-piece at or near the bottom thereof, whereby the desired curvature may be secured in the bustle.

In witness whereof I have affixed my signature in presence of two witnesses.

CHARLES R. TUFTS.

Witnesses:

JAMES BARNUM,
M. E. ROBINSON.