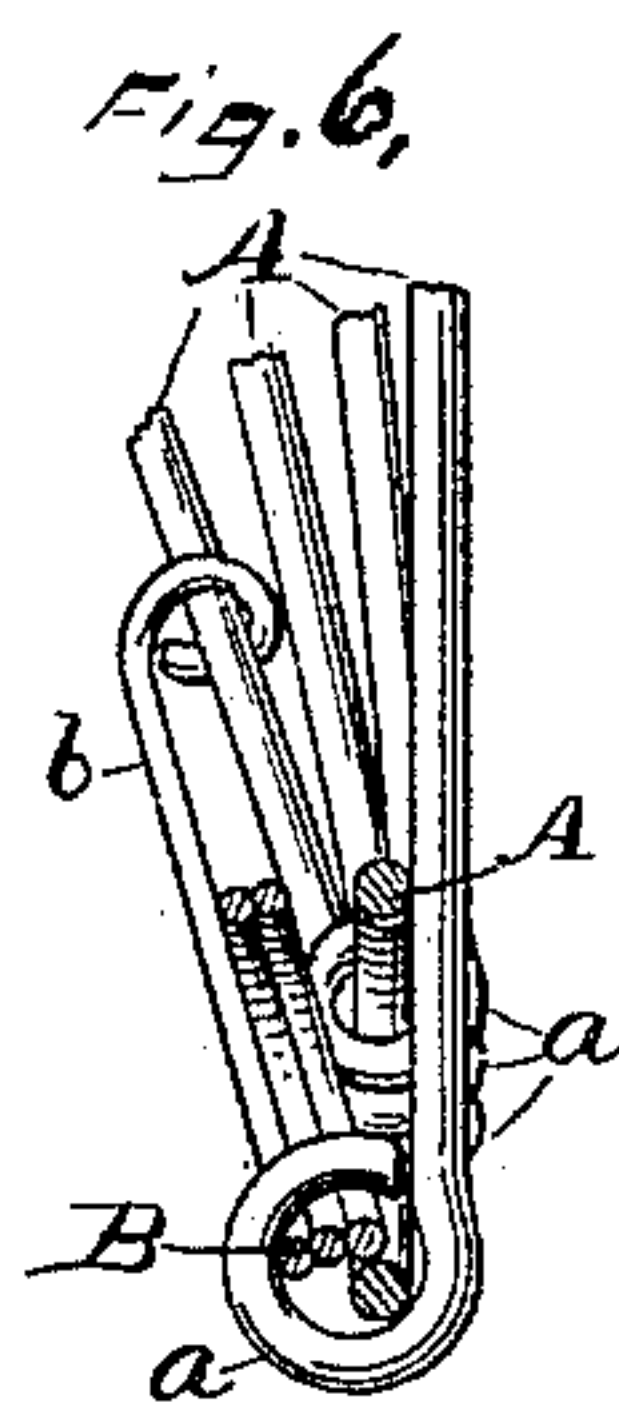
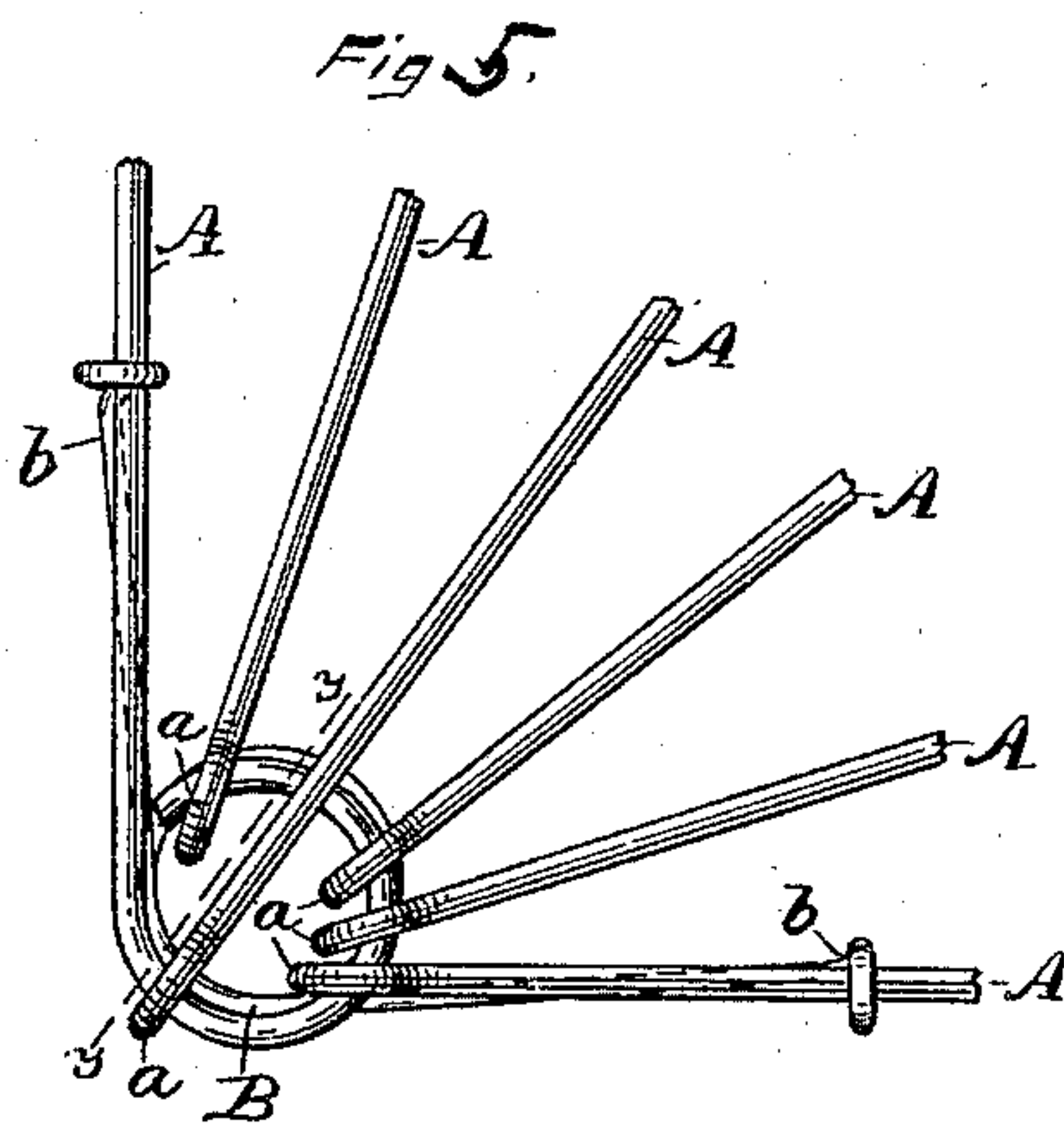
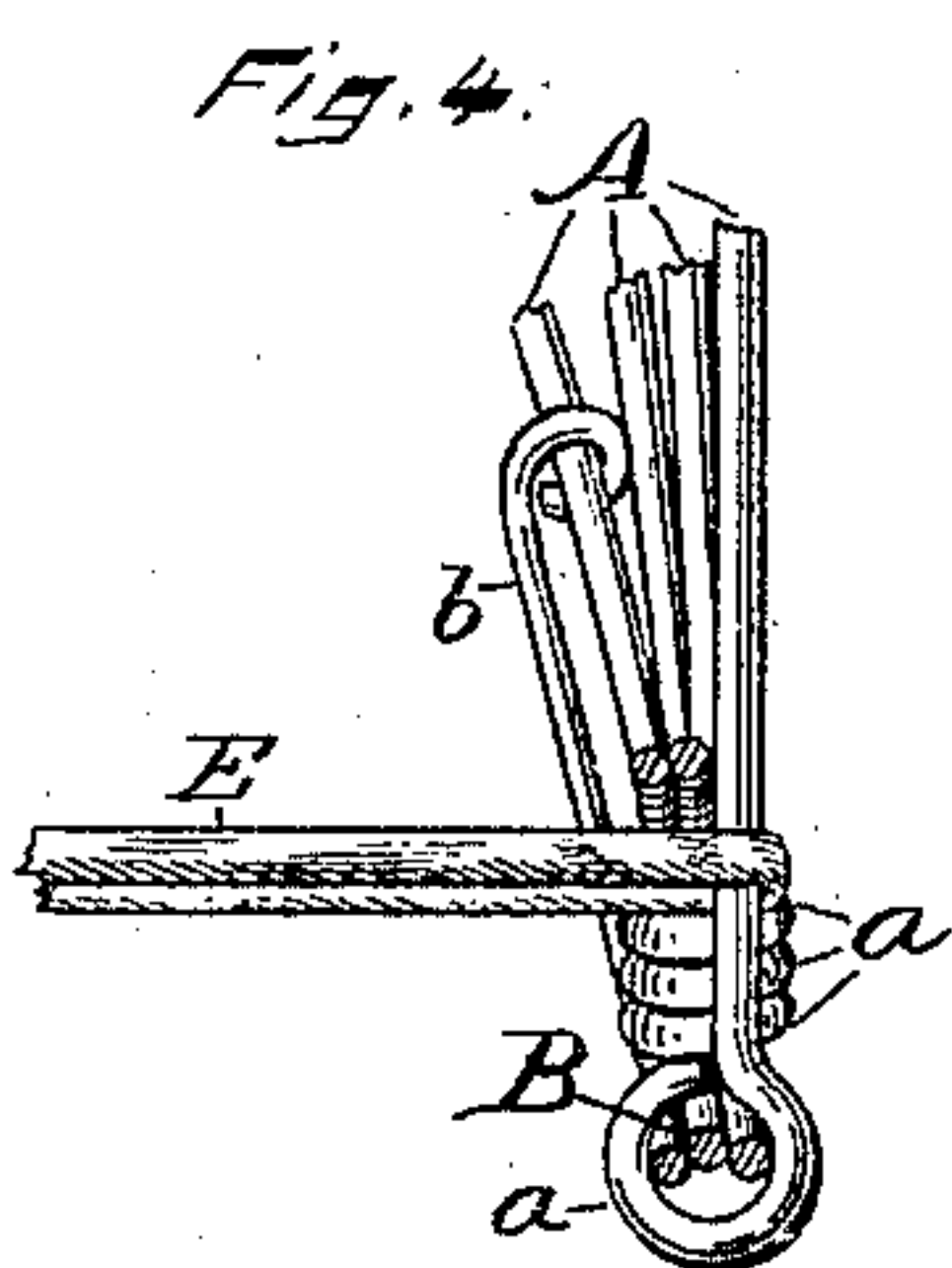
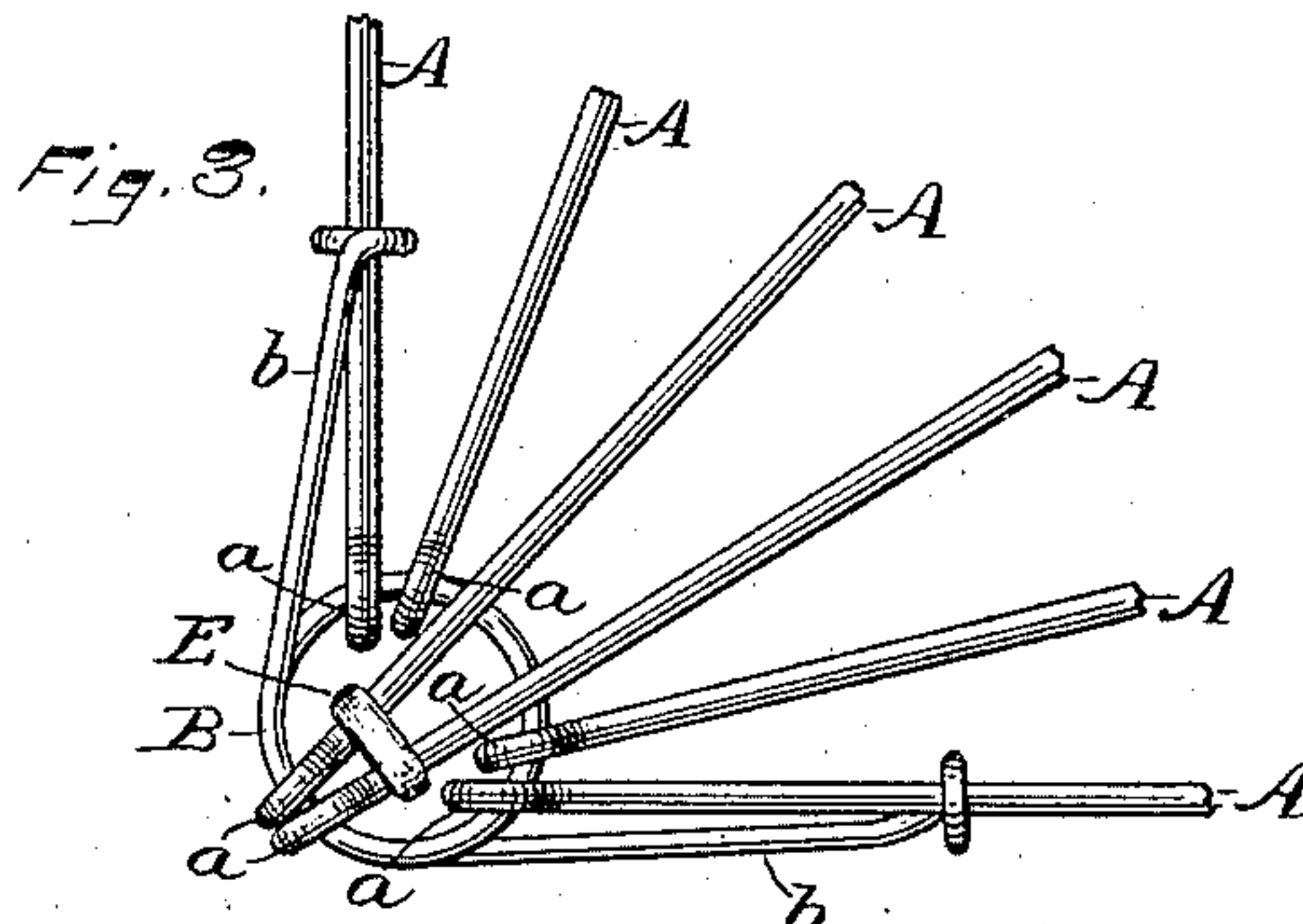
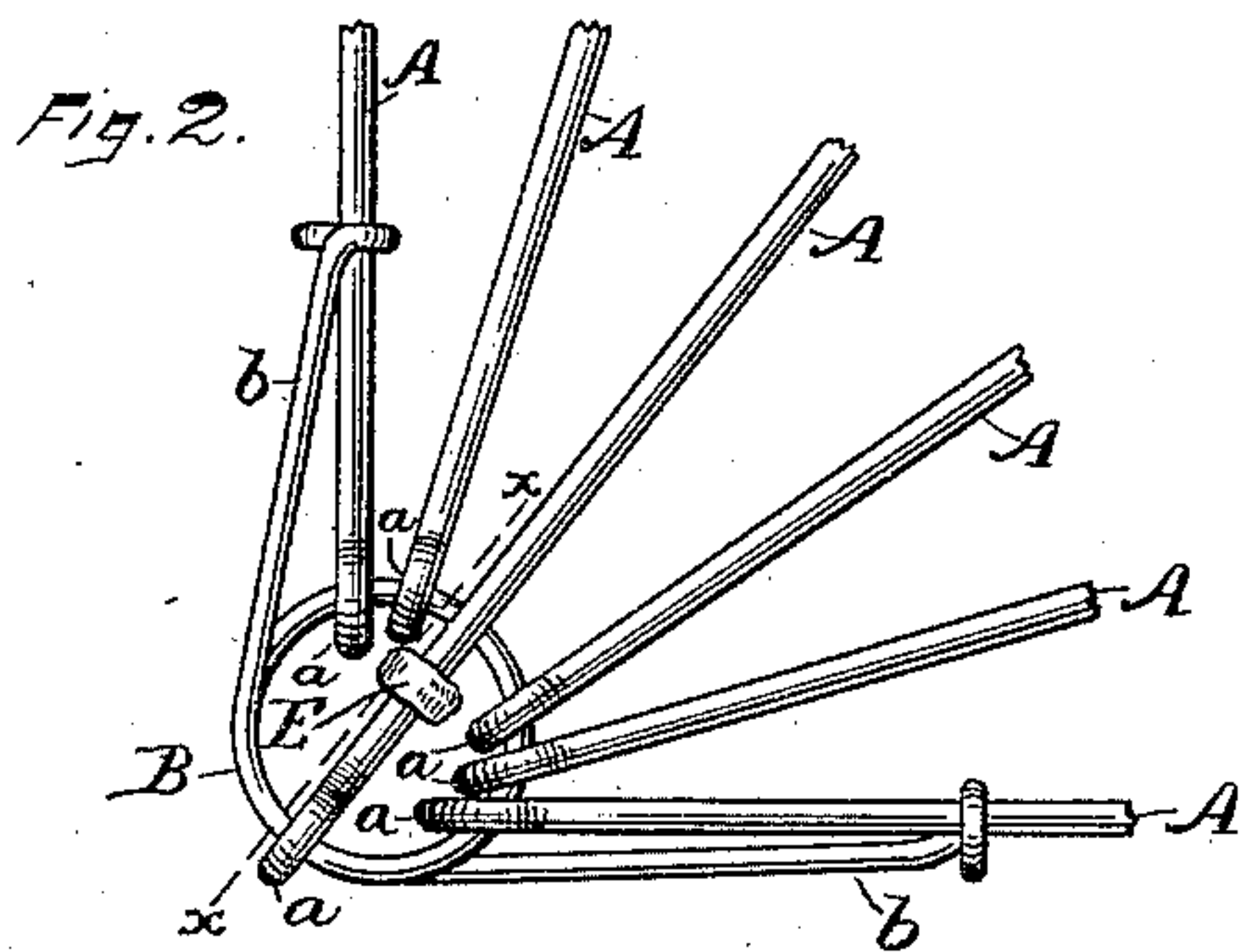
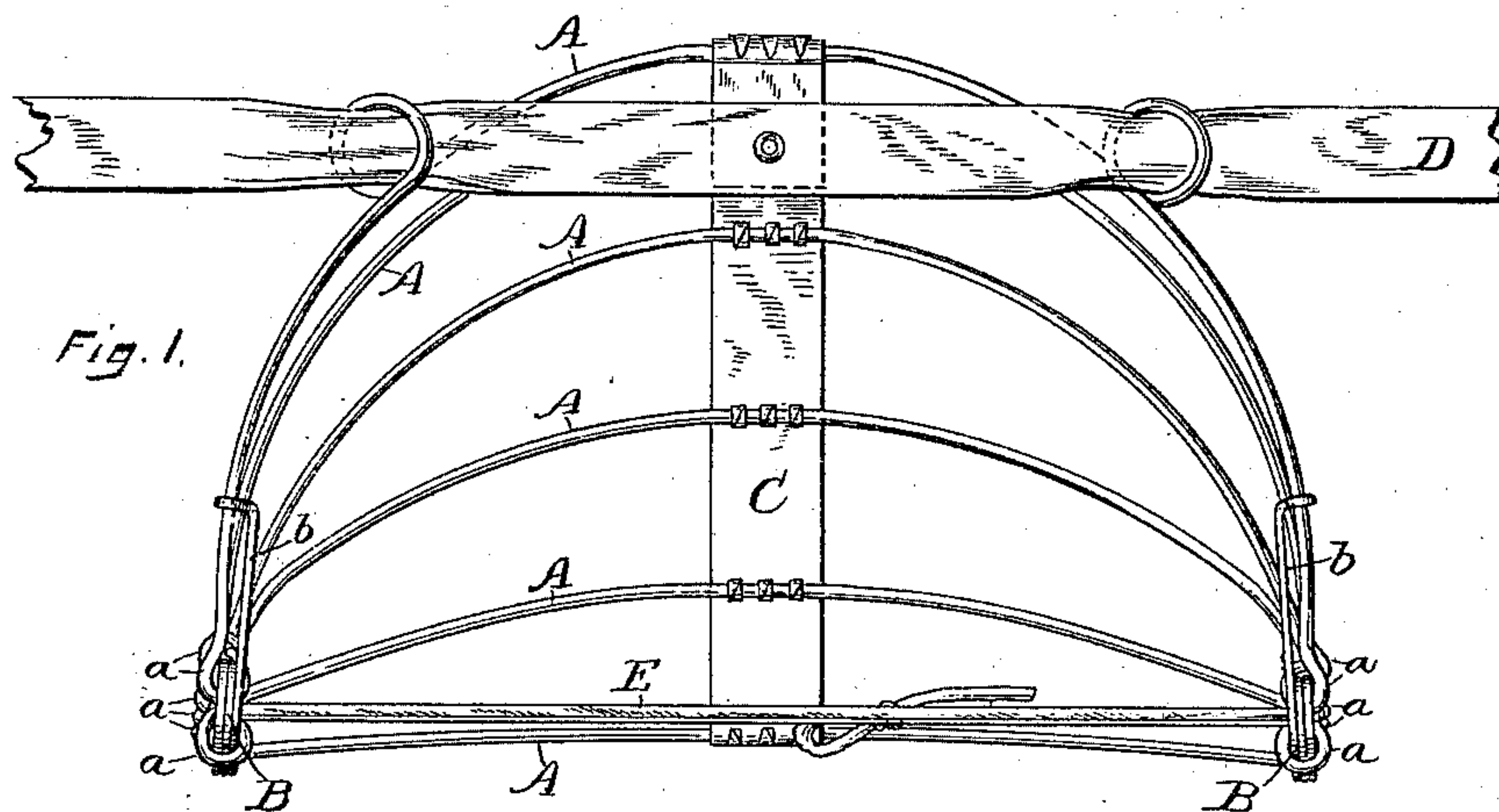


(No Model.)

H. C. WILLIAMS.
BUSTLE.

No. 395,469.

Patented Jan. 1, 1889.



WITNESSES,
John Edwards Jr.,
C. A. Shepard.

INVENTOR,
Henry C. Williams.
By James Shepard.
Att'y.

UNITED STATES PATENT OFFICE.

HENRY C. WILLIAMS, OF NEW BRITAIN, CONNECTICUT.

BUSTLE.

SPECIFICATION forming part of Letters Patent No. 395,469, dated January 1, 1889.

Application filed April 17, 1888. Serial No. 270,948. (No model.)

To all whom it may concern:

Be it known that I, HENRY C. WILLIAMS, a citizen of the United States, residing at New Britain, in the county of Hartford and State of Connecticut, have invented certain new and useful Improvements in Bustles, of which the following is a specification.

My invention relates to improvements in bustles of the class which have a series of bows and separately-formed spiral springs for expanding the bustle; and the object of my improvement is to improve the construction and general efficiency, and particularly to better hold in position the coils on which the bows are hinged.

In the accompanying drawings, Figure 1 is a front elevation of my bustle. Fig. 2 is an enlarged side elevation of a portion of my bustle, showing the hinged ends of the bows. Fig. 3 is a like view of the same of a slightly-modified form. Fig. 4 is a section of the portion shown in Fig. 2 on the line *x x* of said figure. Fig. 5 is a side elevation showing another modification; and Fig. 6 is a sectional view of the same on line *y y*, Fig. 5.

A designates the several bows, all having an eye or coil, *a*, at each end.

B B are the separately-formed springs, having central coils which pass through the eyes of the several bows, and tangential arms *b b*, the ends of which embrace the top and bottom bows. A stay-band, C, limits the expansion of the bustle, and the ordinary waistband, D, is attached to the upper part of the bustle. As thus far specifically described the bustle is the same as I have heretofore made.

In my present improvement I make one or more of the bows longer than the rest and hinge the short bows to the upper side of the pivotal eyes, while the longer bows I extend outside of and across the pivotal eyes and hinge them to said eyes at the under side.

In Figs. 1, 2, and 4 there is only one of the

longer bows, and in Fig. 3 there are two. The ordinary cord, E, for holding the ends of the bustle at the desired limit of expansion, I secure to or pass around the longer bow or bows at the middle portion of the pivotal eyes, as shown.

In Figs. 5 and 6 substantially the same construction is shown; but instead of hinging the bows to pivotal eyes formed by the coils of the spring they are hinged to pivotal eyes formed on the ends of one bow and the spring-coil lies immediately inside said pivotal eye. The long bow, which crosses the pivotal eye, has its eye embracing not only the pivotal eye, but also the spring-coil, as shown, thereby keeping the parts in proper position.

By this construction I hold the bustle in a neat form, with the springs standing straight with the bows, thereby improving the general appearance, construction, and efficiency of the bustle.

I claim as my invention—

1. The herein-described bustle, consisting, mainly, of a series of bows hinged at each end upon a pivotal eye, and a pair of springs, part of the bows being hinged upon one side of said eyes and a part of the bows extending across said pivotal eyes and hinged to the opposite side of said eyes, substantially as described, and for the purpose specified.

2. In a bustle, the combination of the series of bows and expanding springs, with a pivotal eye at the terminal ends of said bows, to which they are hinged, one of said bows extending across the pivotal eyes, and the cord E, attached to said bow at the center of said pivotal eyes, substantially as described, and for the purpose specified.

HENRY C. WILLIAMS.

Witnesses:

C. E. MITCHELL,
JOHN P. BARTLETT.