

(No Model.)

E. E. PECK.

CHAIR ROCKER SPRING ATTACHMENT.

No. 376,675.

Patented Jan. 17, 1888.

Fig. 1.

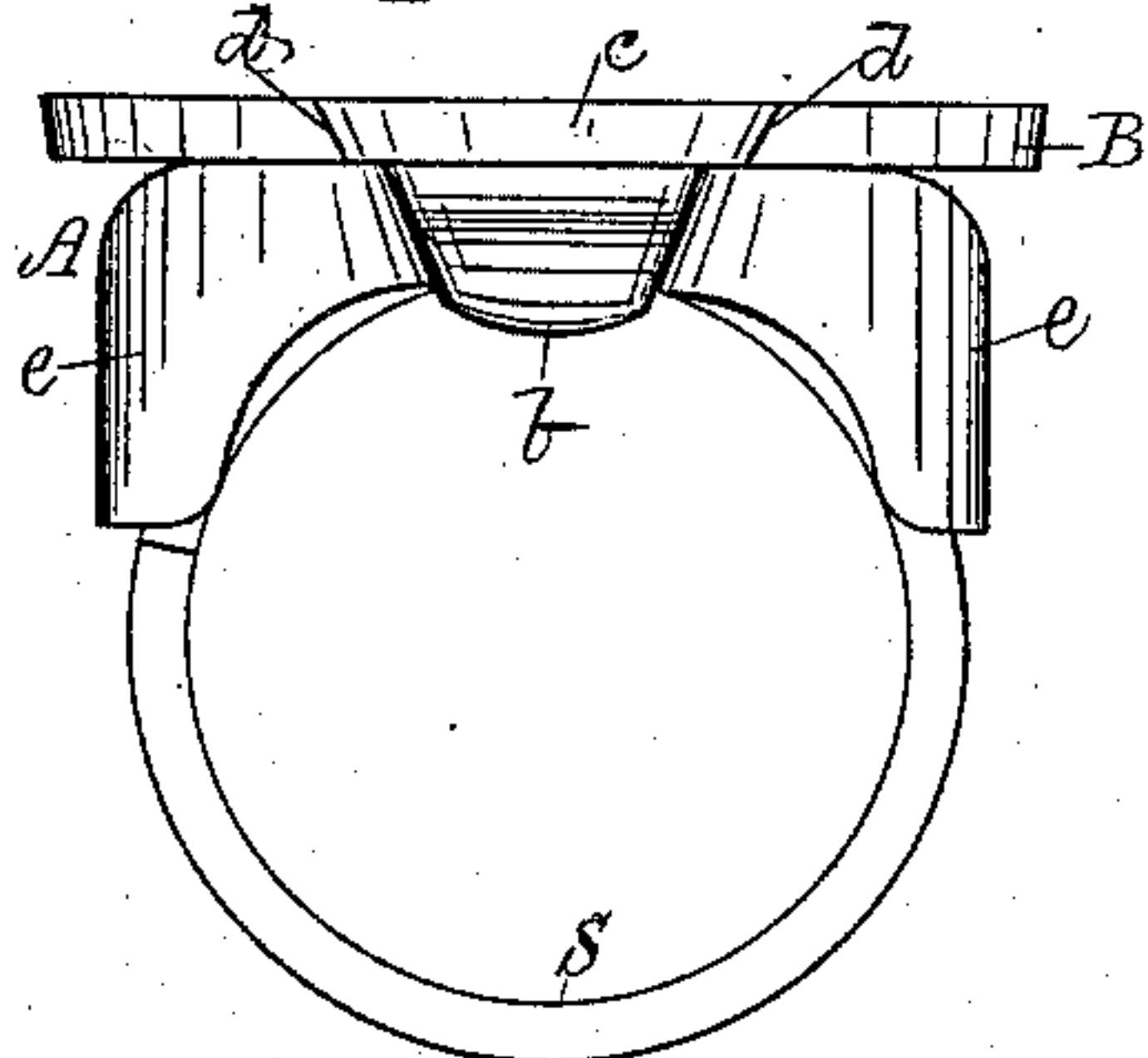


Fig. 2.

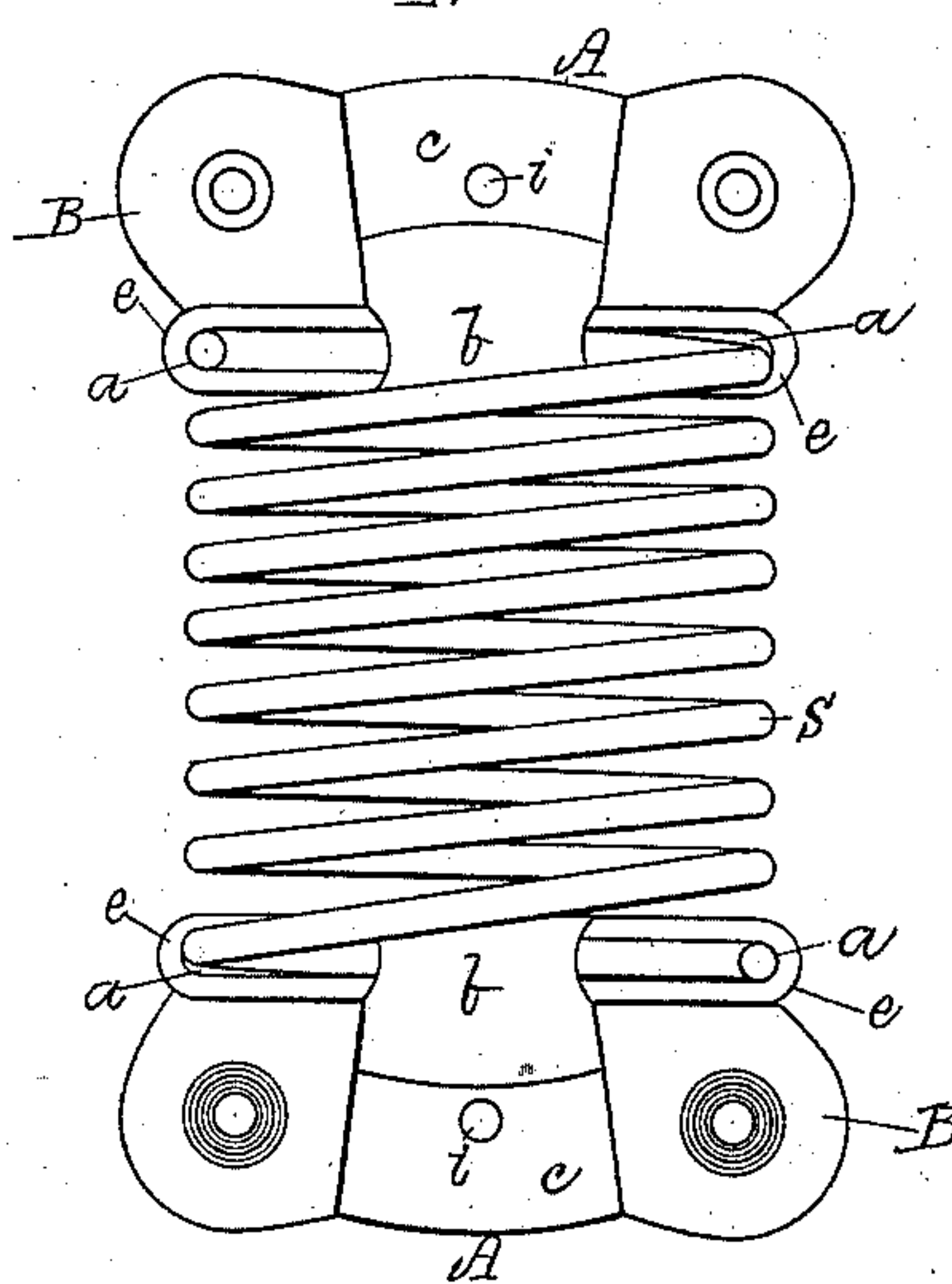


Fig. 3.

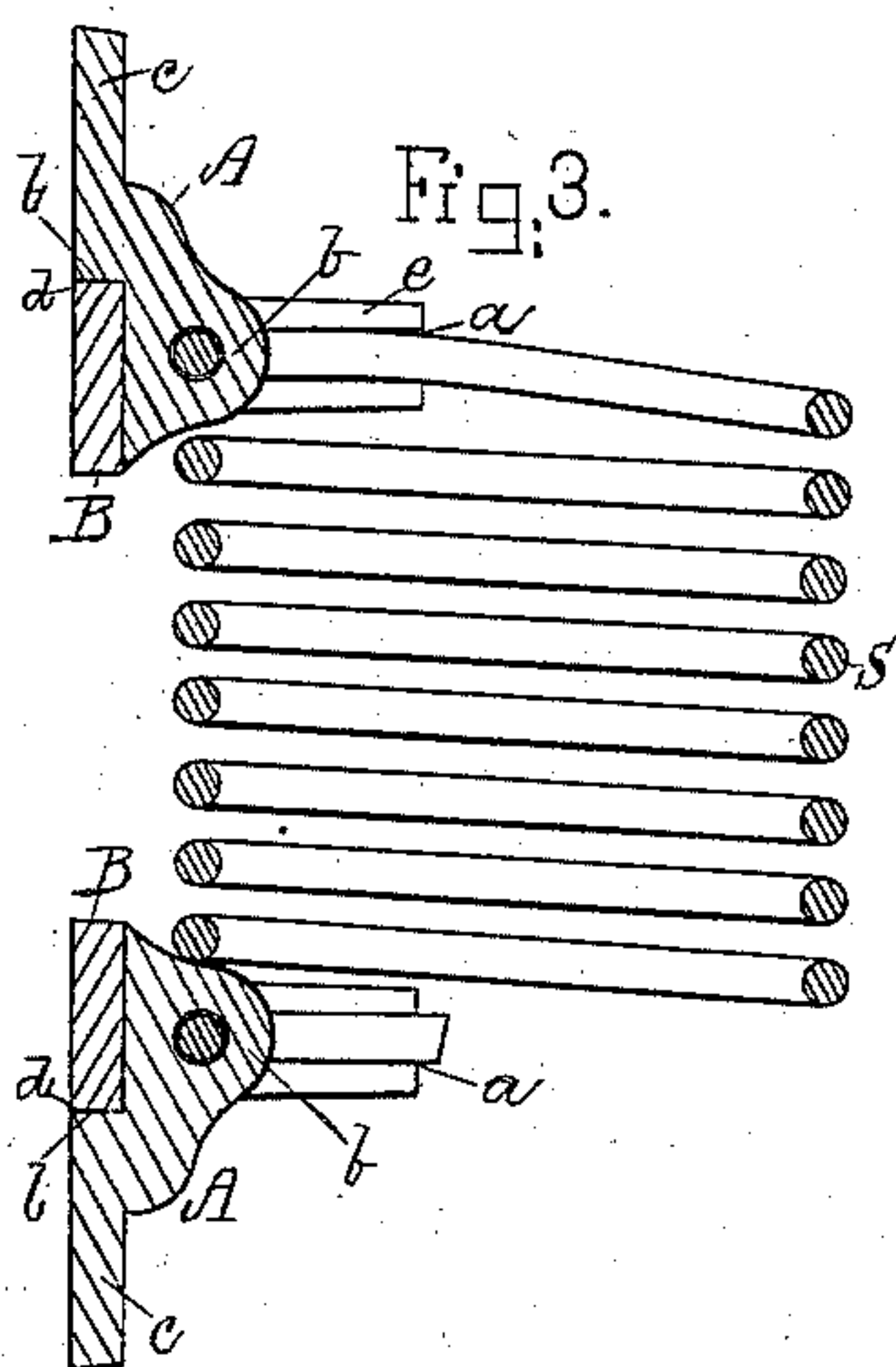


Fig. 4.

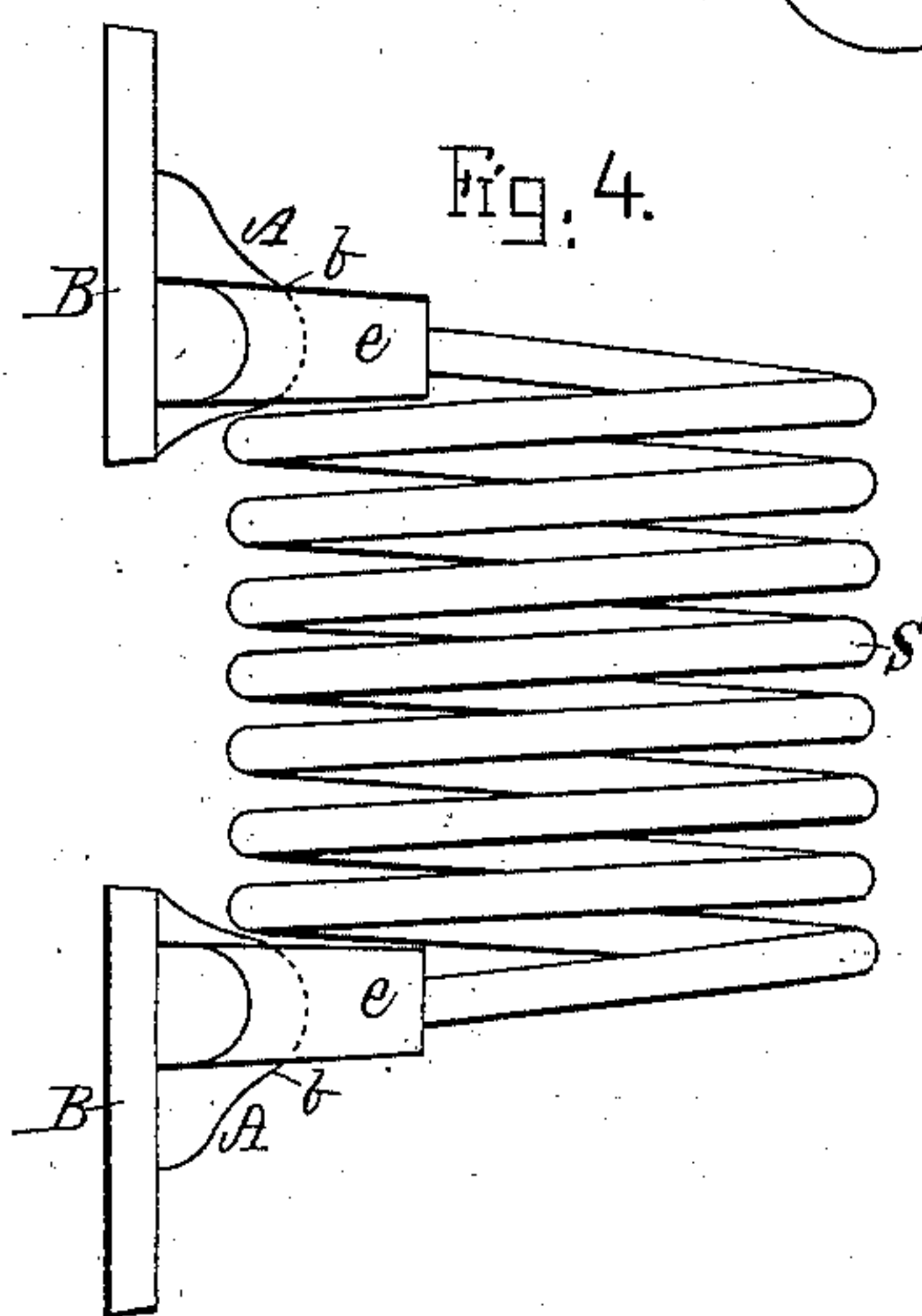


Fig. 5.

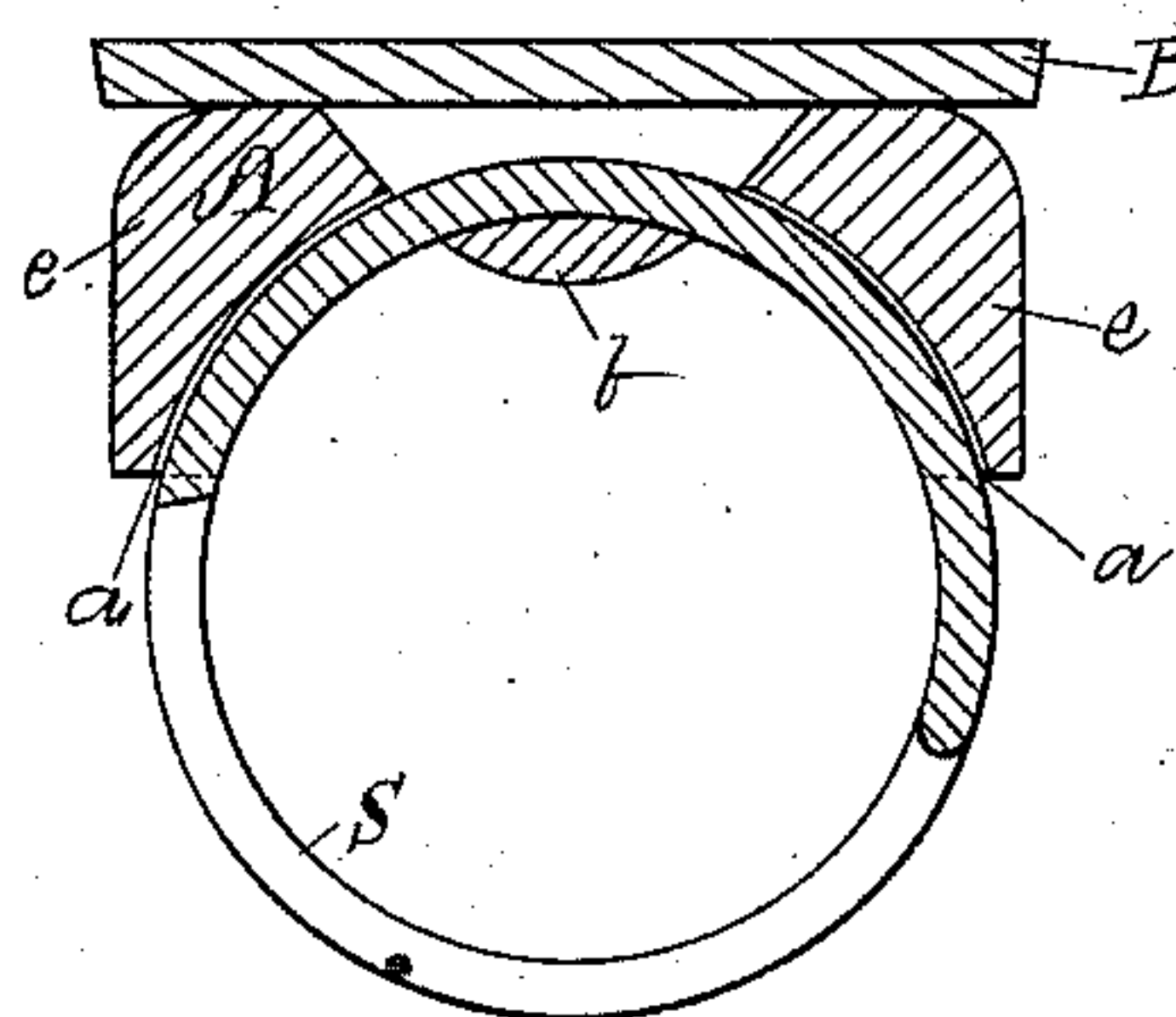


Fig. 6.

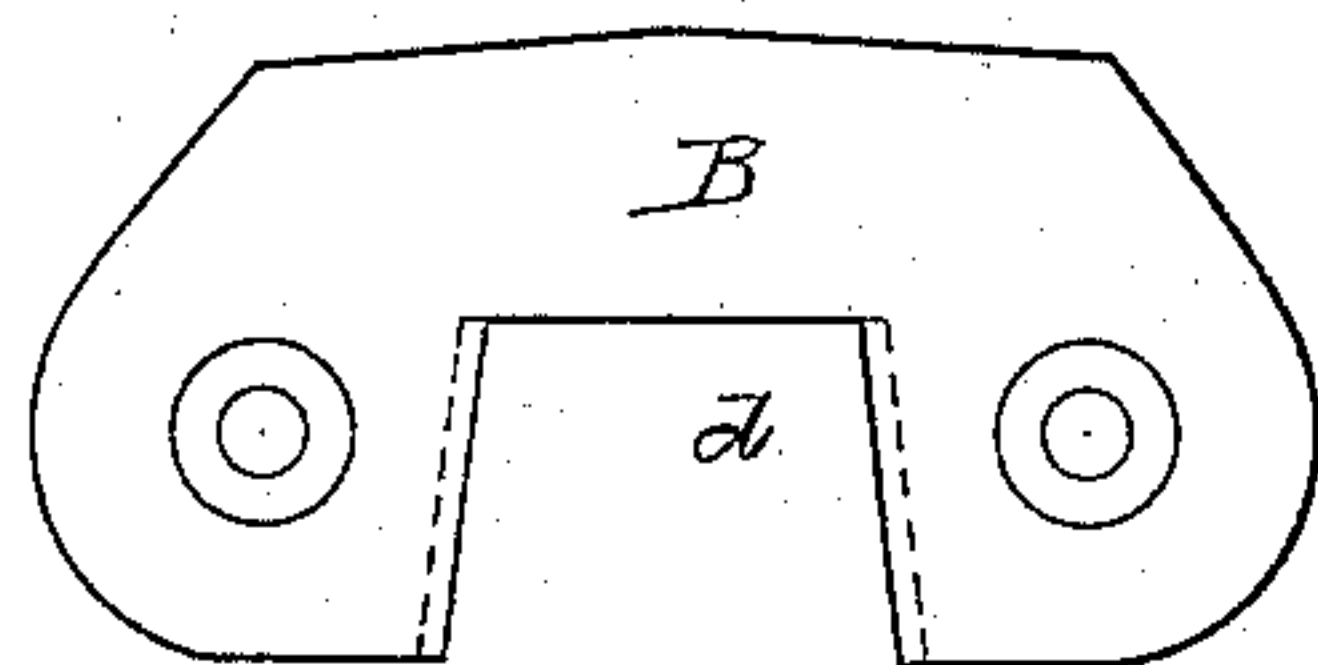


Fig. 7.

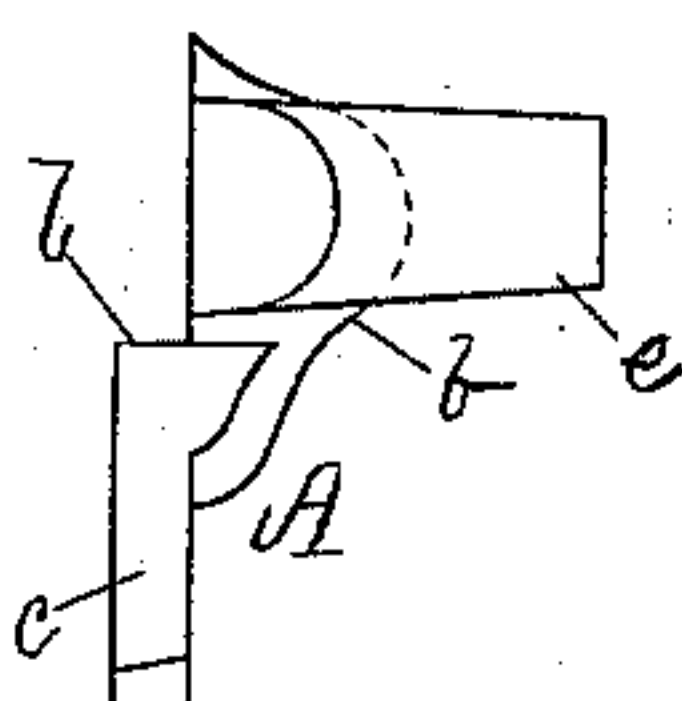
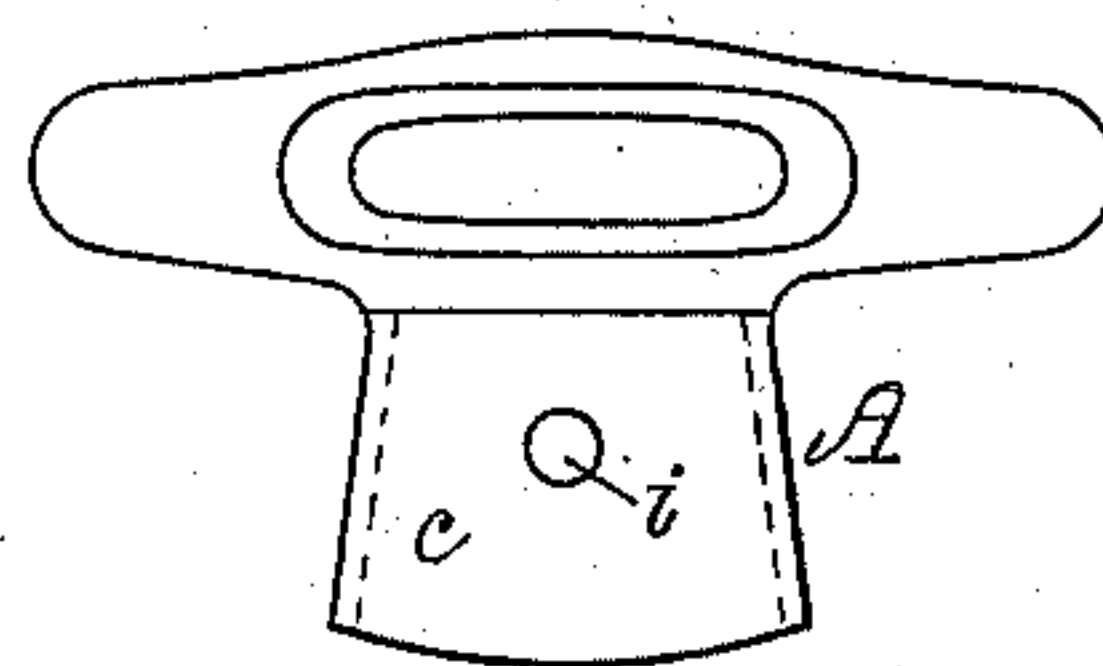


Fig. 8.



Witnesses.

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UNITED STATES PATENT OFFICE.

EDMUND EVERETT PECK, OF NEW YORK, N. Y.

CHAIR-ROCKER-SPRING ATTACHMENT.

SPECIFICATION forming part of Letters Patent No. 376,675, dated January 17, 1888.

Application filed July 9, 1887. Serial No. 243,807. (No model.)

To all whom it may concern:

Be it known that I, EDMUND EVERETT PECK, of the city, county, and State of New York, have invented a new and useful Improvement in Chair-Rocker Spring Attachments; and I do hereby declare the same to be described in the following specification and represented in the accompanying drawings, of which—

Figure 1 is a top view, Fig. 2 a front elevation, Fig. 3 a vertical and longitudinal section, and Fig. 4 a side view, of a chair-rocker spiral spring and its two attachments in accordance with my invention, the nature of which is defined in the claims hereinafter presented. Fig. 5 is a transverse section taken through one of the terminal coils of the spring. Fig. 6 is a front view of the socketed bearing-plate. Fig. 7 is a side view, and Fig. 8 a rear elevation, of the spring-coil holder.

The spiral spring (shown at S) has each terminal coil supported by a holder, A, and a socketed bearing-plate, B.

The said holder is a metallic casting having in it a circularly-curved groove, *a*, to receive the terminal coil of the spring. It also has a looped or curved projection or arch, *b*, extending across the groove at its middle, as well as across the coil when the latter is in place. Furthermore, the said holder has a dovetailed projection, *c*, extending from it at its middle, there being at the lesser end of the dovetail a shoulder, *l*, as represented, such projection being beveled on its opposite edges to enter and fit a correspondingly-shaped socket, *d*, in the bearing-plate B. The part *e*, in which the groove is made, bears at its back directly upon the plate B, which is a metallic casting provided with countersunk holes for the reception of screws for fastening the said plate to a chair.

In the application of the spring to a rocking-chair provided with rails or a base for the rockers to rest and rock upon, the plates B of the spring attachments are secured one to the inner side of a rocker and the other to that of the rail for sustaining the rocker.

From the above it will be seen that each spring-holder not only is held to the supporting-plate by a dovetail, making part of such holder and entering a correspondingly-shaped socket in such plate, but has a shoulder, *l*, to bear on the foot of the socket, and, furthermore, that the grooved part of the holder bears at its base directly upon the plate. When desirable, a screw may be inserted through each dovetail and screwed into the rocker or rail, against which the dovetail may bear, such hole being shown at *i*.

With the curved groove and the loop or arch crossing it at its middle the spring terminal coil can be inserted and fixed in such groove with ease, and be strongly held thereby and by the loop in connection with the holder.

I do not claim a rocker-spring-attachment consisting of dovetails fixed directly to the rocker and base by screws, and brackets connected with the spring and fitted to the dovetails at their opposite inclined edges and secured to the base and rocker by screws.

I claim—

1. The improved rocker-spiral-spring attachment, substantially as described, consisting of the holder A, having the curved groove *a*, and the arch or loop *b* at or near the middle thereof, for receiving the terminal coil of the spiral spring, and also having the shoulder and dovetailed projection *c*, as shown, and the bearing-plate B, provided with the dovetailed socket *d*, and below such the bearing for the holder to rest on, all being essentially as represented.

2. The spring-holder as provided with the curved groove *a* and with the arch or loop *b*, arranged with and extending across such groove at or near its middle, such groove and loop being for receiving and holding the terminal coil of the spring, as set forth.

EDMUND EVERETT PECK.

Witnesses:

R. H. EDDY,
R. B. TORREY.