

(No Model.)

S. G. SCARRITT.  
SPRING SEAT.

No. 483,699.

Patented Oct. 4, 1892.

Fig. 1.

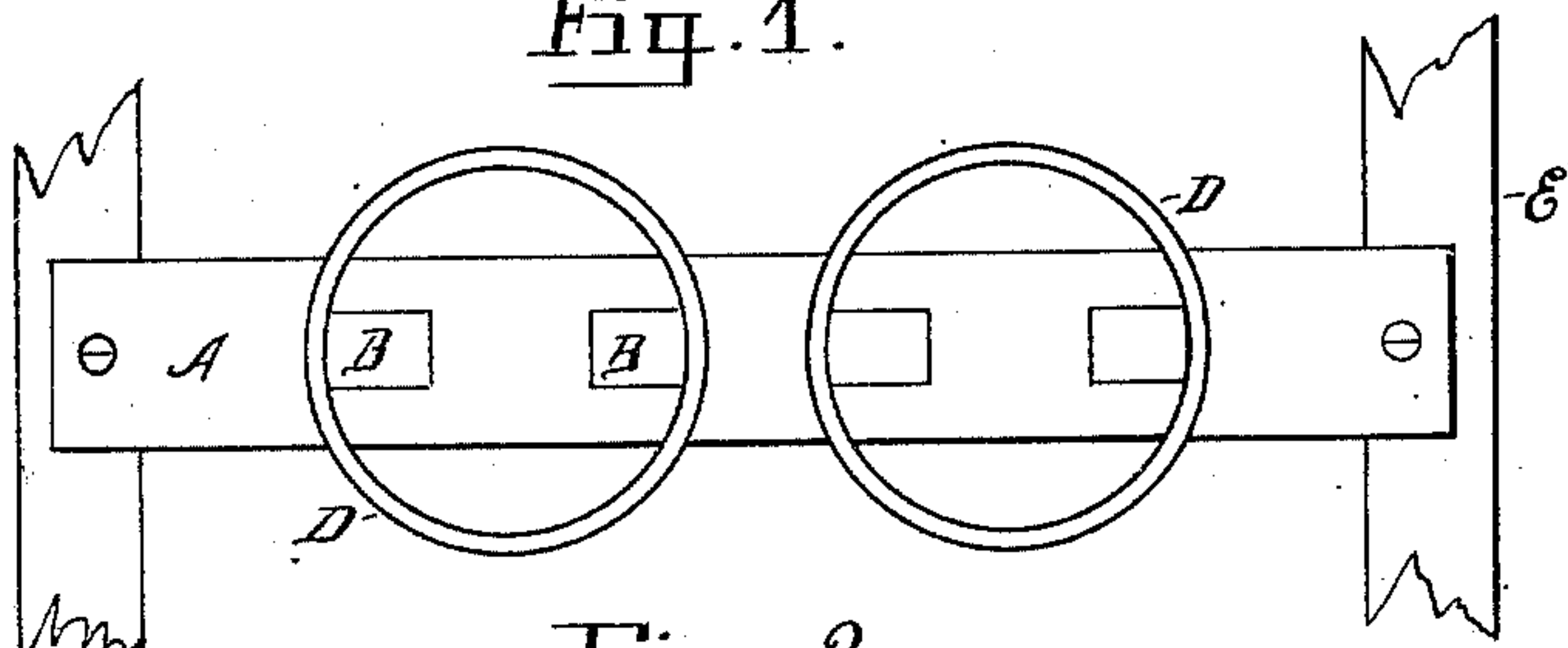


Fig. 2.

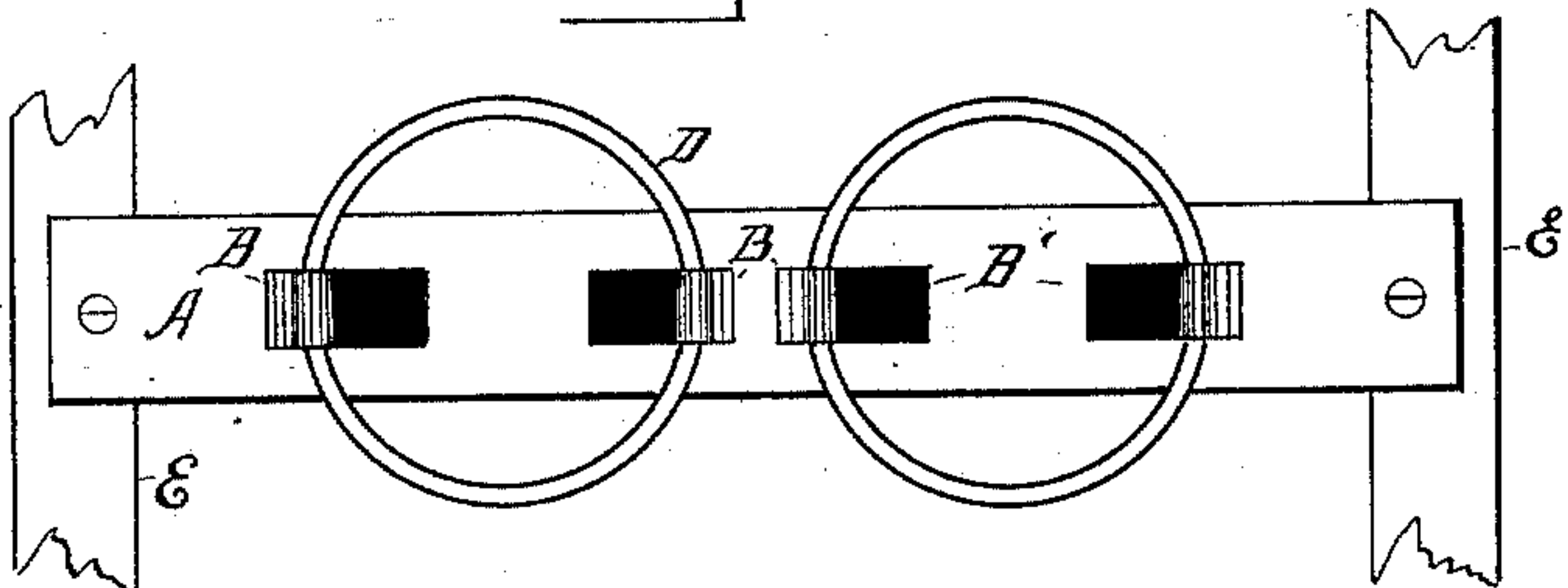


Fig. 3.

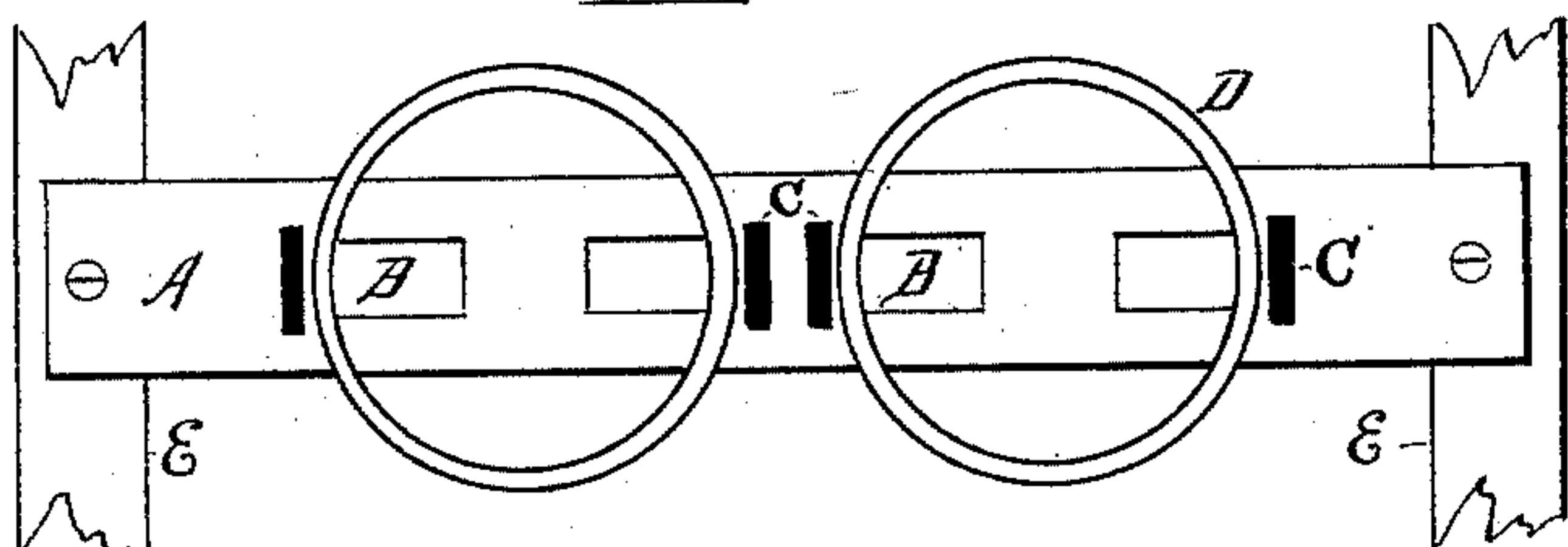


Fig. 4.

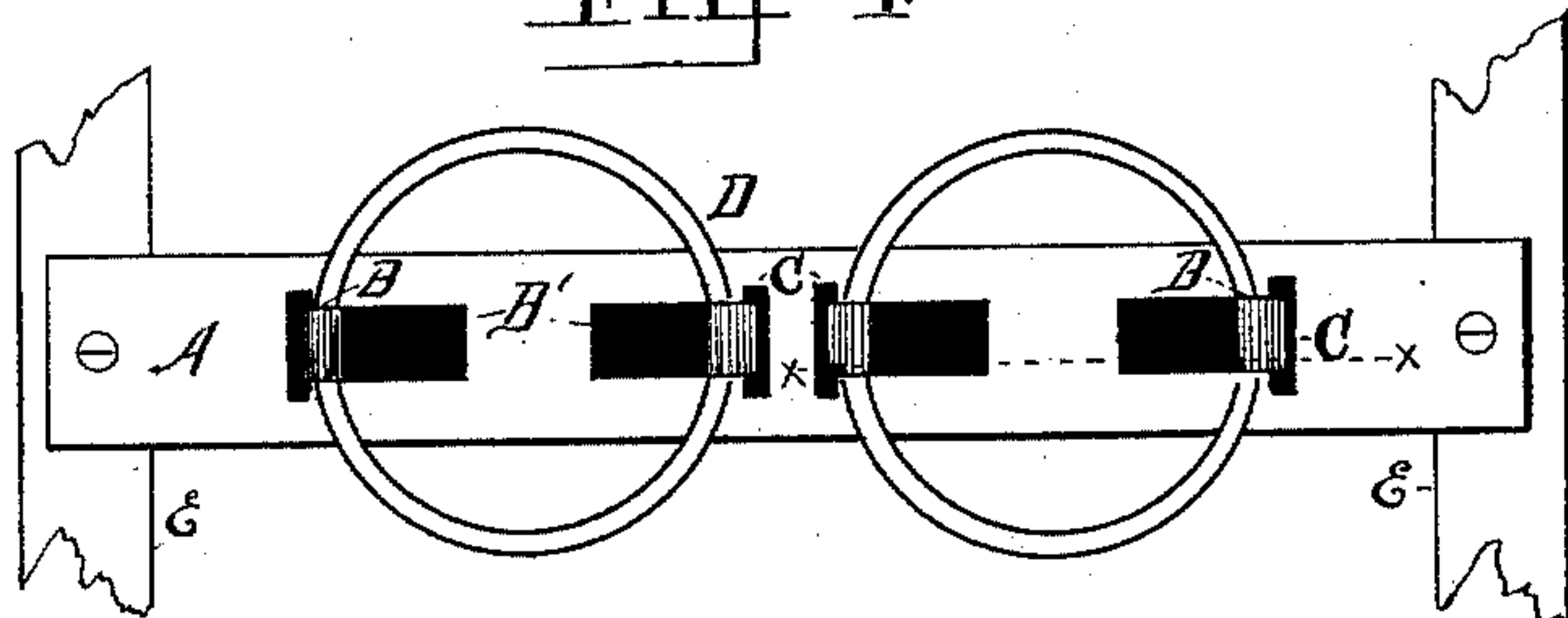


Fig. 5.

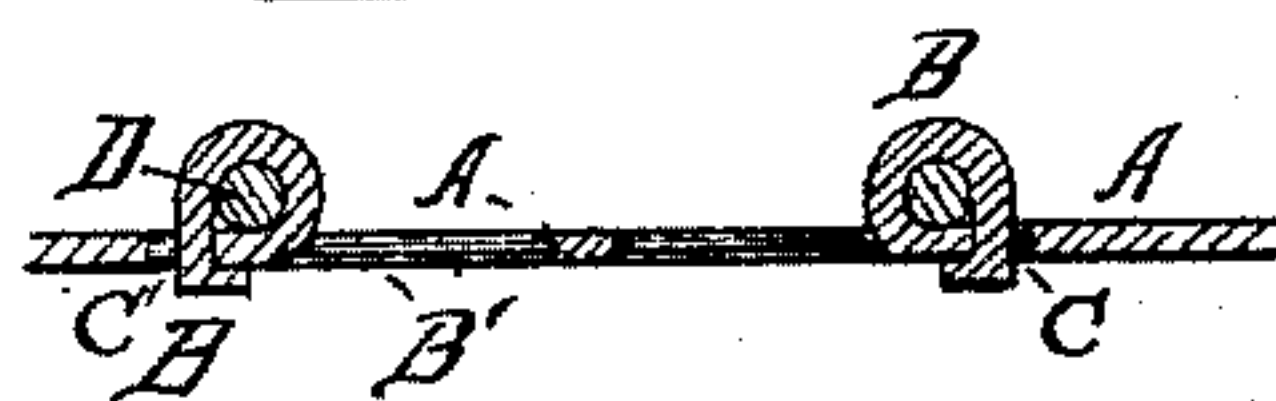
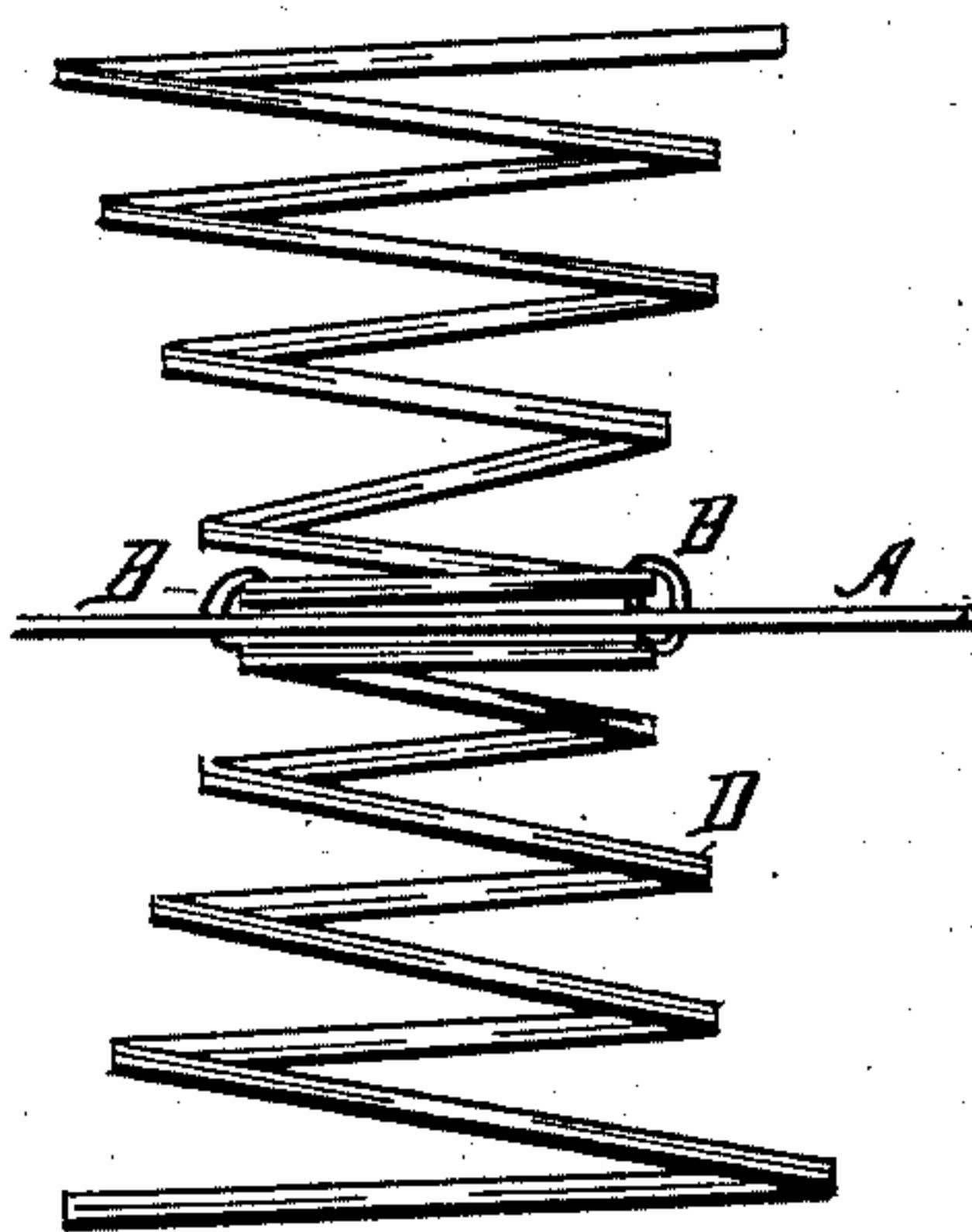


Fig. 6.



WITNESSES:

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# UNITED STATES PATENT OFFICE.

SANFORD G. SCARRITT, OF ST. LOUIS, MISSOURI.

## SPRING-SEAT.

SPECIFICATION forming part of Letters Patent No. 483,699, dated October 4, 1892.

Application filed May 16, 1892. Serial No. 433,227. (No model.)

*To all whom it may concern:*

Be it known that I, SANFORD G. SCARRITT, a citizen of the United States, and a resident of the city of St. Louis, in the State of Missouri, have invented a certain new and useful Improvement in Spring-Seats, of which the following is a specification.

My invention relates to spring-seats, and has special reference to the means employed for holding the central coils of the double-cone springs on the tie-strips which intersect said springs. As the central coils are usually in close proximity to each other, the insertion of tie-strips having clamping attachments projecting above or below the surface of the strip is attended with considerable inconvenience, especially where the spring is made of heavy and well-tempered wire, as the introduction of the device requires the springing apart of the coils. To do away with this objectionable feature in the tie-strips now in general use is the object of my invention. I secure this object by striking up or cutting, on the metallic tie-strip, at the points where said strips are to intersect the coils of the spring, suitable tongues, leaving the tongues to be turned up and bent over the wire of the spring after the tie-strip has been placed in position.

In the drawings, Figure 1 represents a plan view of my improved tie-strip, showing the tongues cut therein. Fig. 2 is a similar view showing the tongues bent over and clasping the wire. Fig. 3 is a view similar to Fig. 1, with the addition of a transverse slot in the tie-strip, through which the free end of the tongue may pass to be secured by bending against the underside of said strip. Fig. 4 is a like view showing the tongue clamping the wire and passing through the slot. Fig. 5 is a longitudinal sectional view on line *xx* of Fig. 4, showing the tongue secured to the underside of the tie-strip. Fig. 6 is an elevation in

perspective of the tie-strip as applied to double-cone springs.

In the drawings like letters indicate like parts.

A is a metallic tie-strip with the tongue B cut therein and secured to frame E.

B' is the opening in the metal when the tongue has been bent over the coil.

C is a transverse slot made sufficiently large for the ready admission of the tongue. While this slot provides a secure hold for the free end of the bent tongue, it may be dispensed with without detracting from the vital feature of my invention.

D is the double-cone spring whose central coils are intersected by the tie-strips. (Best shown in Fig. 6.)

What I claim as new and of my own invention, and for which I ask Letters Patent of the United States, is—

1. The combination of double-cone springs and a metallic tie-strip intersecting the central coils of said springs, said tie-strip having cut therein tongues for clasping said coils, and transverse slots for securing the free end of said tongues when bent, substantially as set forth and described.

2. A metallic tie-strip having tongues struck up therein and transverse slots for securing the free end of said tongues when bent, in combination with double-cone springs, the central coils of said springs intersected by said strips and held by said tongues, substantially as set forth and described.

In testimony that I claim the foregoing as my invention I have signed my name, in presence of two witnesses, this 6th day of May, 1892.

SANFORD G. SCARRITT.

Witnesses:

AZEL B. HOWARD,  
J. M. THOMPSON.