

# United States Patent Office.

GEORGE W. DILLER, OF ODELL, ILLINOIS.

*Letters Patent No. 106,338, dated August 16, 1870.*

## IMPROVEMENT IN SPRING-SEAT FOR VEHICLES.

The Schedule referred to in these Letters Patent and making part of the same.

*To all whom it may concern:*

Be it known that I, GEORGE W. DILLER, of Odell, in the county of Livingston and State of Illinois, have invented a new and improved Spring Wagon-Seat; and I do hereby declare that the following is a full, clear, and exact description of the same, reference being had to the accompanying drawing forming a part of this specification, in which—

Figure 1 is an end view of a wagon, to which a seat, whose spring is provided with my improved attachment, is applied.

Figure 2 is a perspective view of the hook or attaching device, and a section of a wagon-spring.

The object of my invention is to furnish an improved device for attaching springs of wagon-seats to wagon-boxes or bodies, whereby the strain upon the springs or box shall be greatly lessened, and also other obvious advantages obtained.

Referring to the drawing—

A indicates a seat, which, in this instance, is suitably secured to the semi-elliptical springs B, at the middle of their length.

The springs B are hinged at each end to a bail or clevis, C, which is connected with the device D by means of a rod or bolt passing through the ears of said device.

The device may be struck out or otherwise formed from a flat sheet of metal, and is then bent into the form shown in fig. 2, with a straight central portion *a*, ears *e*, and hook *i*.

When properly applied, the part *a* rests against the inner side or wall of the wagon-box, the ears support the clevis, and the hook embraces and rests on the edge or rail of the box, as in fig. 1.

This construction enables the springs to shorten or lengthen as weight is put upon or taken from the seat, without material strain either upon the springs or sides of the box, since the clevis turns or swings on the rod connecting it with the device D.

This arrangement also permits the seat to be removed from or shifted from one part of the box to another without hindrance, difficulty, or delay.

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

The combination of the device D and clevis C with a wagon-seat spring, when arranged substantially as specified.

GEO. W. DILLER.

Witnesses:

B. F. HOTCHKISS,  
C. C. WYMAN.

Dixon & Sampson,

Pitman.

No. 106,339.

Patented Aug. 16. 1870.

Fig. 1

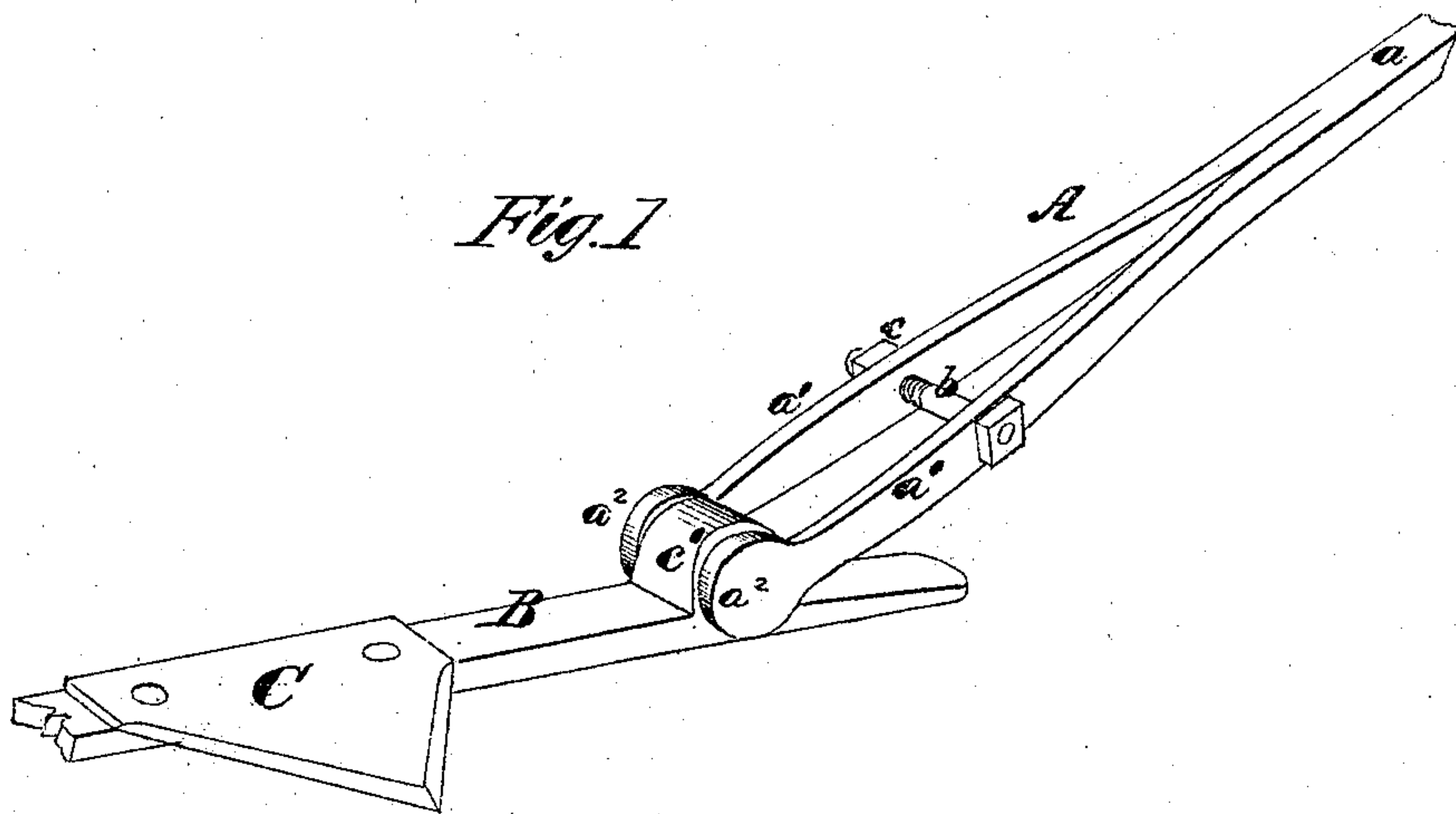


Fig. 2

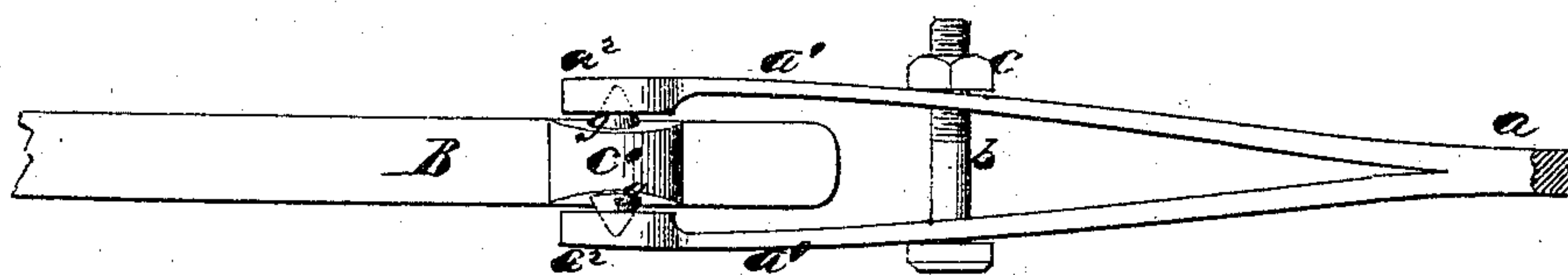


Fig. 3

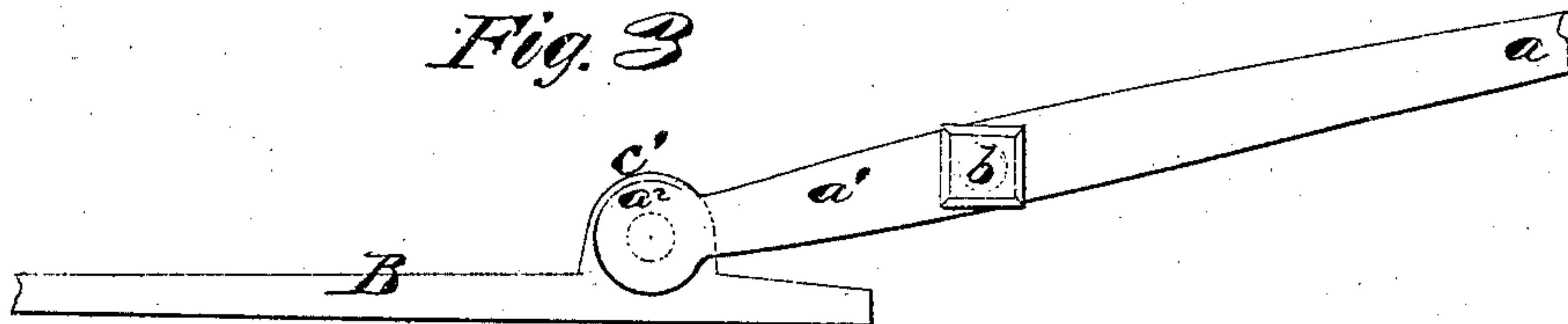
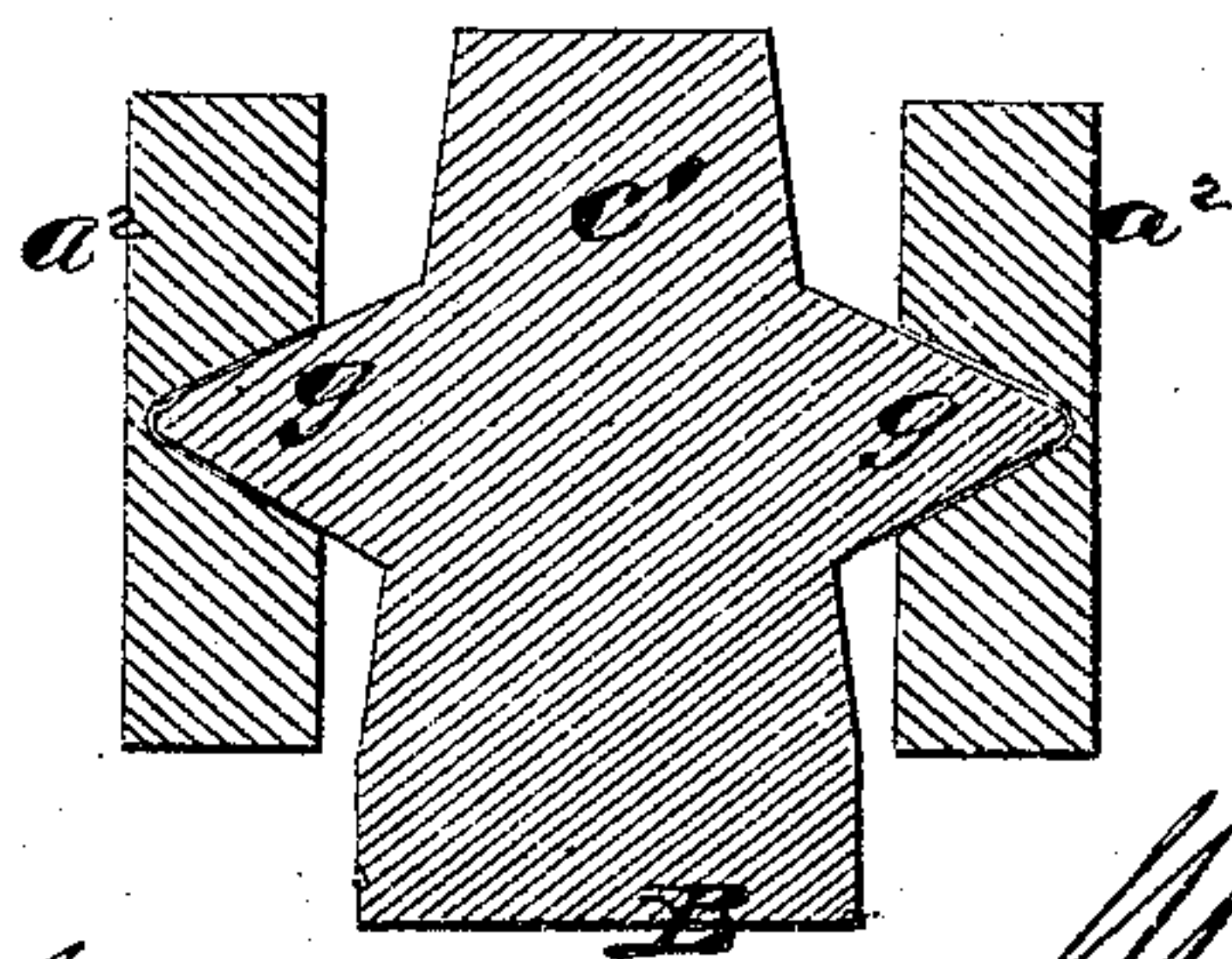


Fig. 4



Witnesses.

R. T. Campbell.  
J. H. Campbell.

Inventors

Joseph Dixon  
M. B. Sampson

by  
Wm. Thuermer & Co.