

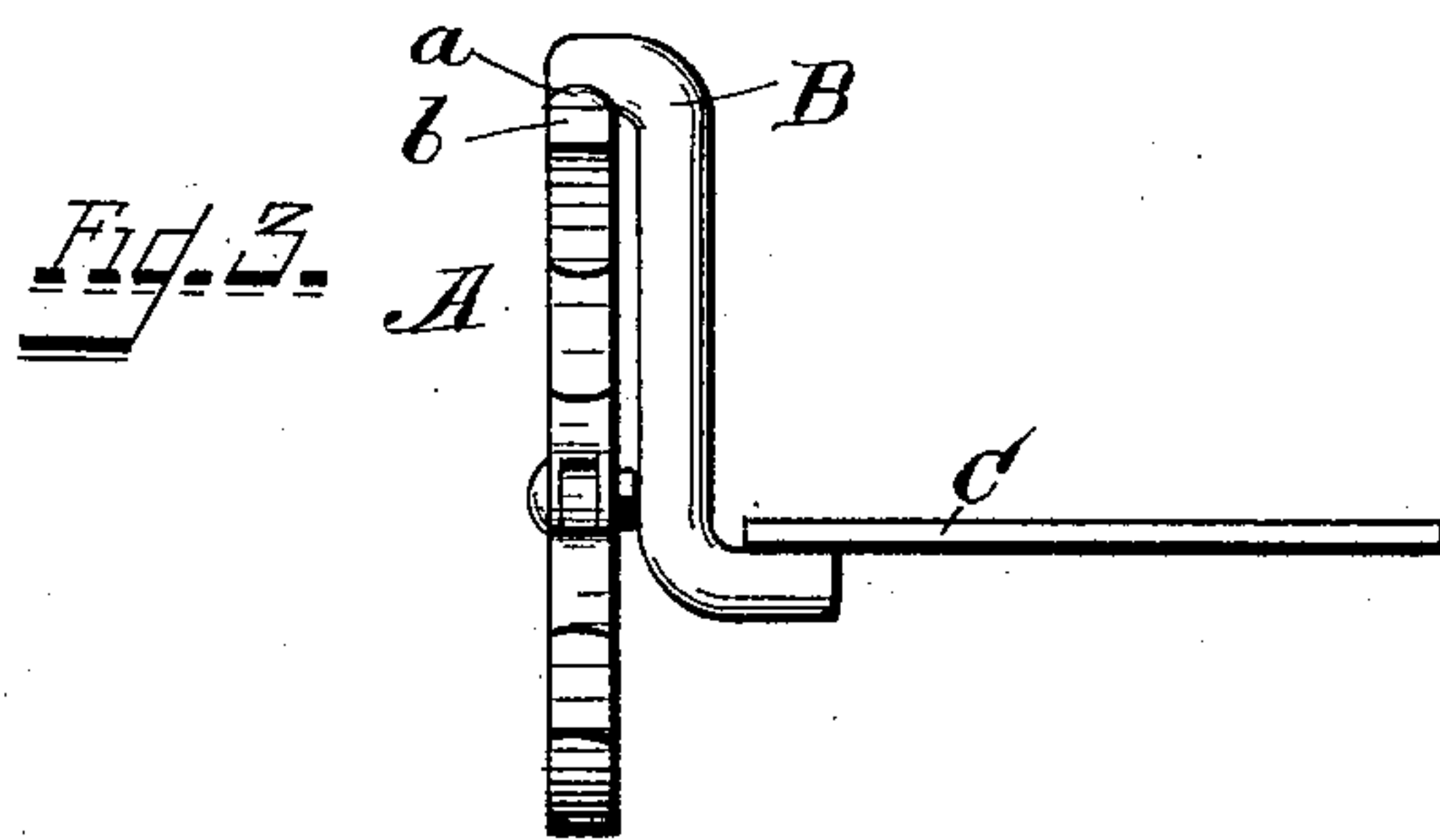
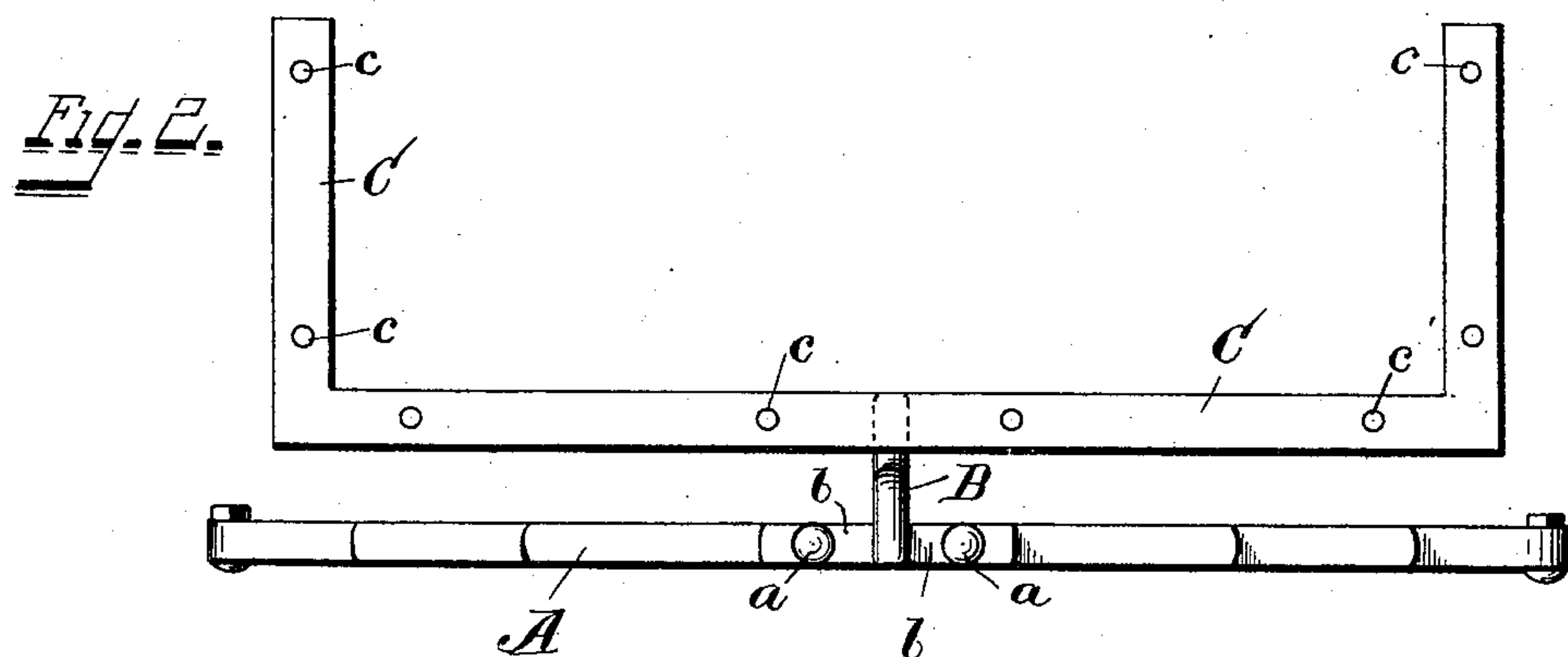
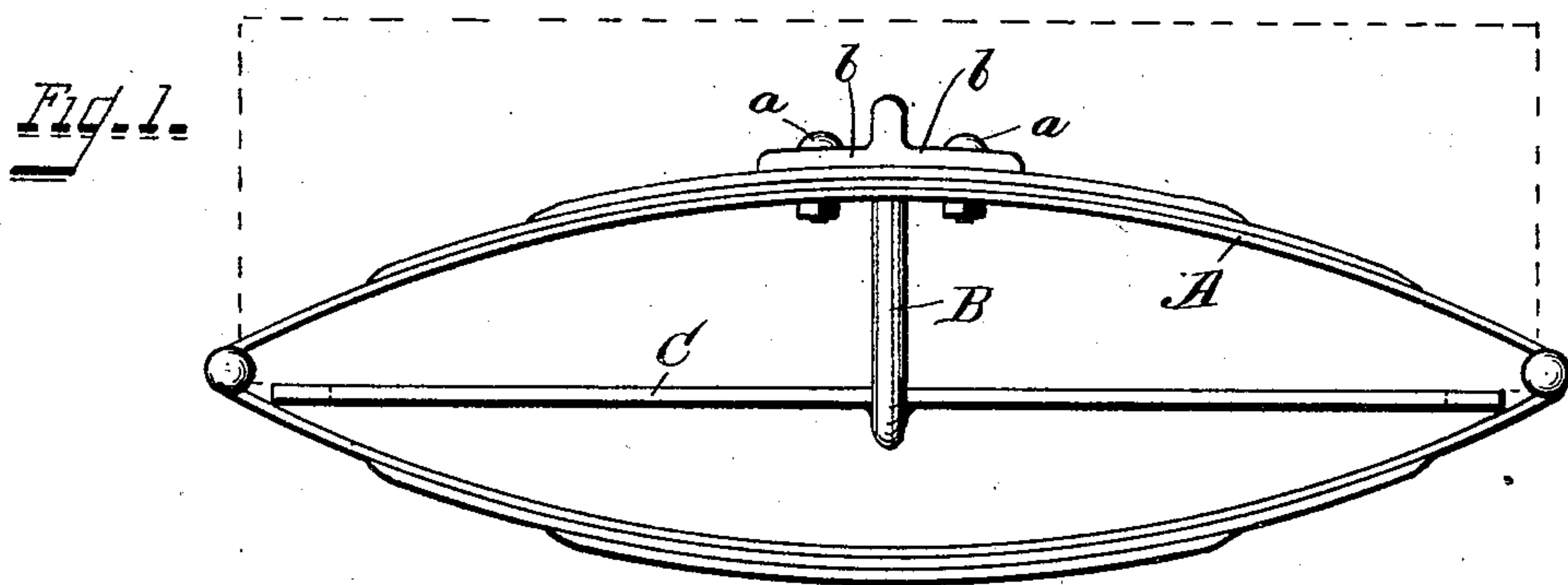
No. 672,900.

Patented Apr. 30, 1901.

J. J. HANRAHAN.
BODY HANGER FOR END SPRING VEHICLES.

(Application filed Feb. 7, 1901.)

(No Model.)



Witnesses.

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JAMES J. HANRAHAN, OF CINCINNATI, OHIO.

BODY-HANGER FOR END-SPRING VEHICLES.

SPECIFICATION forming part of Letters Patent No. 672,900, dated April 30, 1901.

Application filed February 7, 1901. Serial No. 46,415. (No model.)

To all whom it may concern:

Be it known that I, JAMES J. HANRAHAN, a citizen of the United States, residing at Cincinnati, in the county of Hamilton and State of Ohio, have invented certain new and useful Improvements in Body-Hangers for End-Spring Vehicles, of which the following is a full, clear, and exact description, reference being had to the accompanying drawings, forming a part of this specification.

The object of my invention is to provide a hanger for end-spring buggies which shall be simple in construction and efficient in action and which shall not only support the body of the vehicle upon the springs, but shall also brace the corners of the body, so as to prevent their working loose and injuring the appearance of the body.

The novelty of my invention will be hereinafter more fully set forth, and specifically pointed out in the claims.

In the accompanying drawings, Figure 1 is a front elevation of a spring with hanger attached and showing the end of the body of the vehicle in dotted lines. Fig. 2 is a plan view of the same. Fig. 3 is a side elevation of the same.

The same letters of reference are used to indicate identical parts in all the figures.

A represents one of the springs of an end-spring buggy of the usual or any suitable construction, to the upper side of which is attached, by means of the bolts *a*, a gooseneck-hanger B with laterally-projecting lugs *b*, through which the bolts *a* pass. The lower end of the gooseneck-hanger B is made integral with a U-shaped bracket C, Fig. 2, which is preferably made of flat metal and shown in Figs. 1 and 3 and provided with a series of holes *c* for the purpose of securing it to the under side of the buggy-body.

It will be seen from the shape of the bracket C, as shown more particularly in Fig. 2, that it extends entirely across the end of the body

and part way along the sides thereof and serves not only as a means of support for the body, but also as a brace for the corners of the body itself to prevent them from opening or spreading, and thereby spoiling the appearance of the body.

It is evident that the usual U-shaped clips may be used to fasten the hanger to the spring instead of the bolts *a*.

Having thus fully described my invention, I claim—

1. In body-hangers for vehicles, the combination of the end spring, the body carried thereby, a hanger interposed between said spring and body and provided with braces for the corners of said body, substantially as described.

2. In body-hangers for vehicles, the combination of the end springs, body carried thereby, hangers interposed between said springs and body, one end of said hangers being attached to the upper side of the springs and the other end having its bearing under the end and part of the sides of the body, substantially as described.

3. In body-hangers for vehicles, the combination of the end springs, body carried thereby, hangers interposed between said springs and body, one end of the hangers being attached to the upper side of the springs at their middle and the other end having its bearing under the ends and part of the sides of the body to form corner-braces therefor, substantially as described.

4. A hanger composed of a U-shaped bracket C, adapted to form a brace for the corners of the body of the vehicle, a central upwardly-projecting gooseneck B having its supporting-bearing on the upper middle portion of the spring, substantially as described.

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Witnesses:

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