

(No Model.)

A. SEARLS.
PROP BLOCK WASHER FOR CARRIAGES.

No. 404,989.

Patented June 11, 1889.

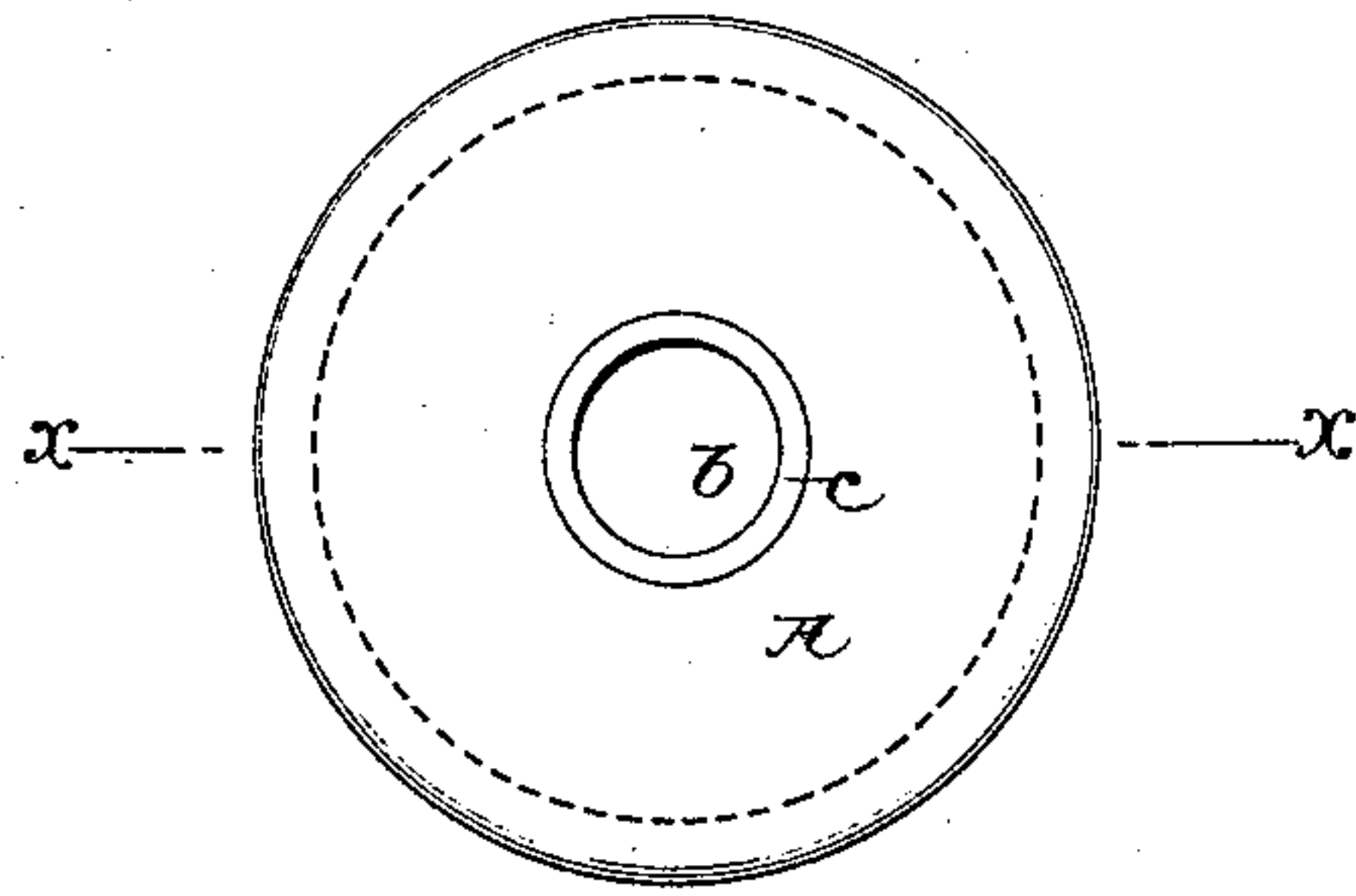


Fig. 1.

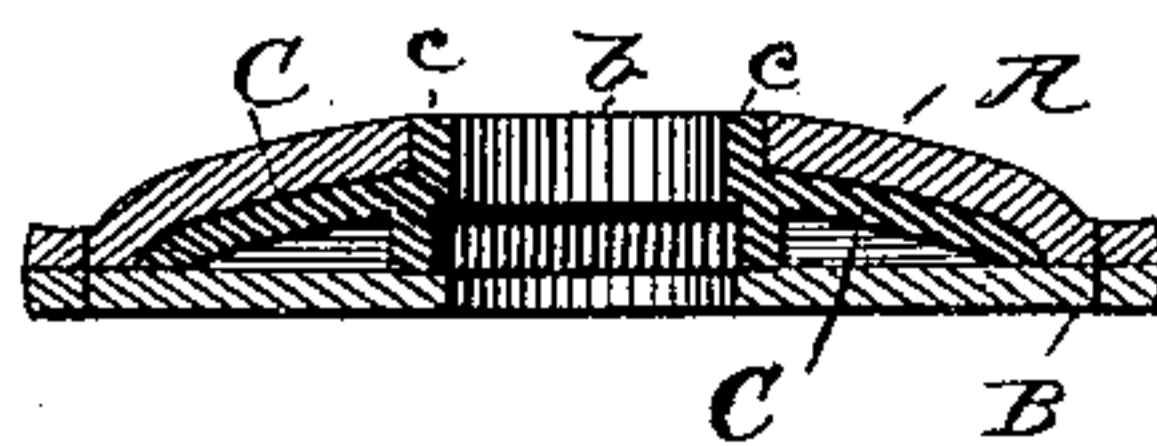


Fig. 2.

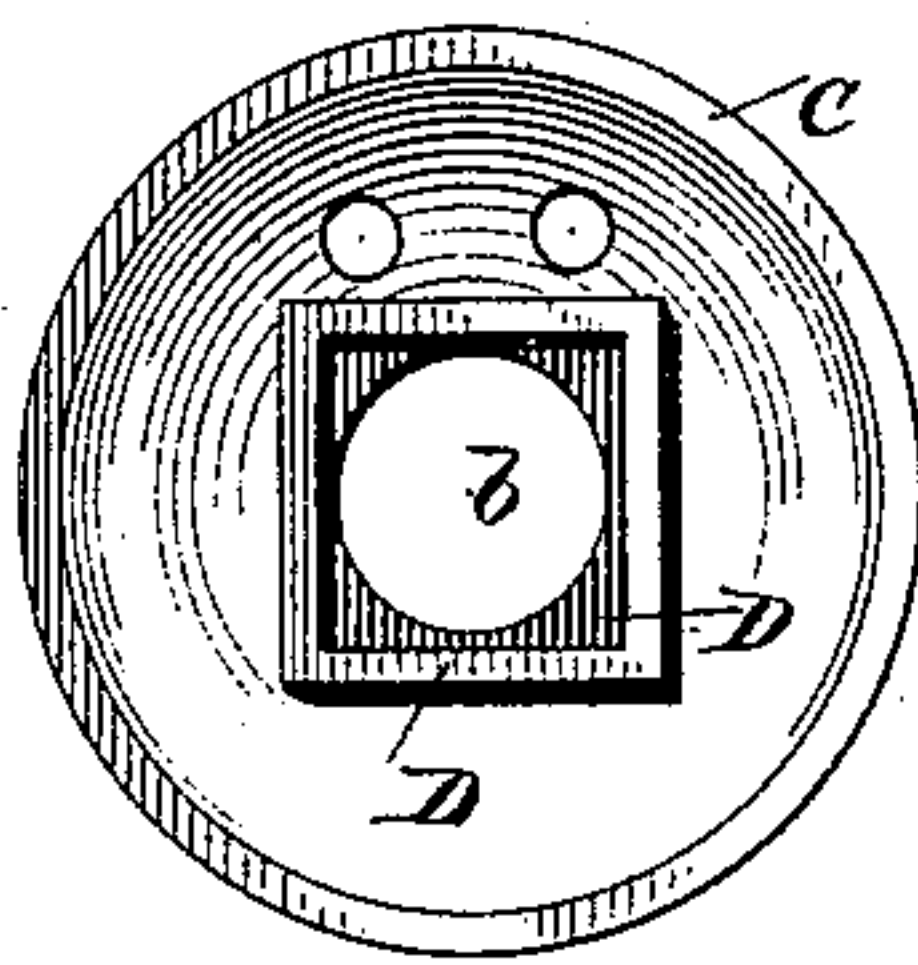


Fig. 3.

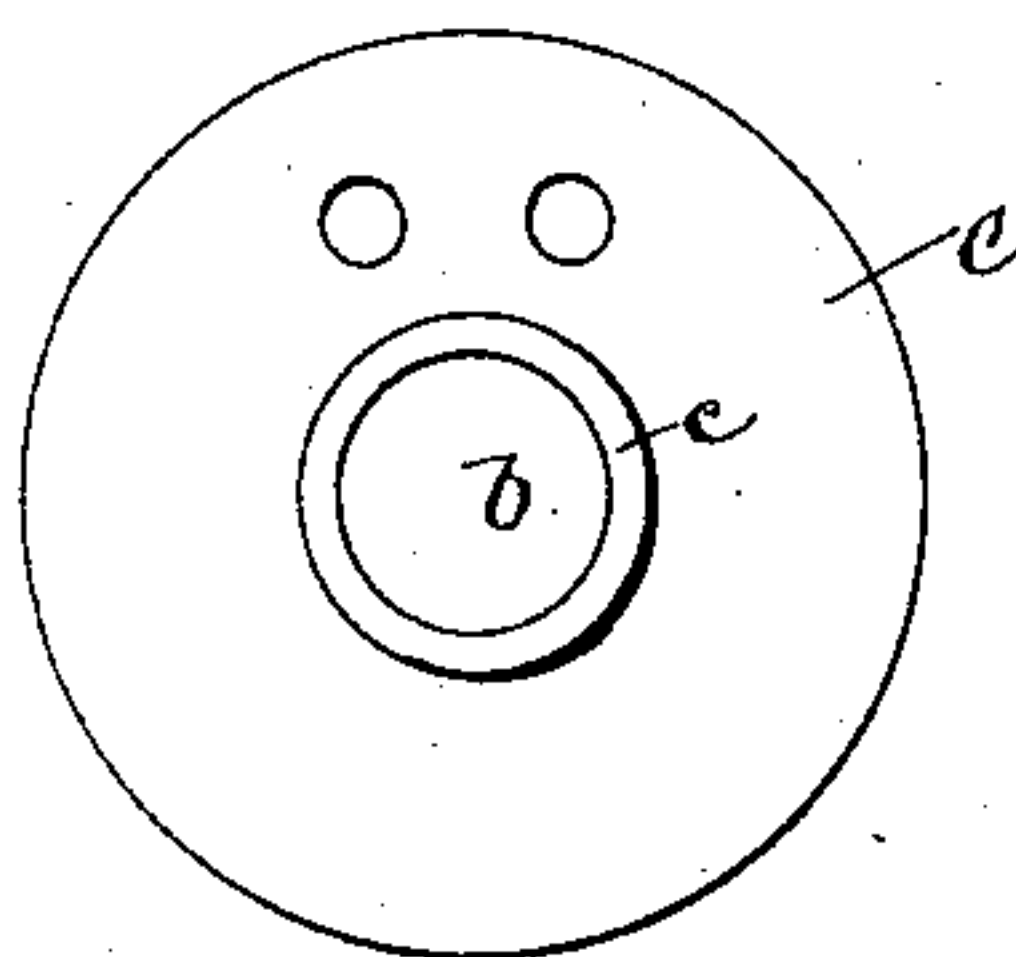


Fig. 4.

WITNESSES:

Wm Benjamin
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ANSON SEARLS, OF NEWARK, NEW JERSEY, ASSIGNOR TO THE SEARLS-RANDALL COMPANY, OF SAME PLACE.

PROP-BLOCK WASHER FOR CARRIAGES.

SPECIFICATION forming part of Letters Patent No. 404,989, dated June 11, 1889.

Application filed April 4, 1889. Serial No. 305,954. (No model.)

To all whom it may concern:

Be it known that I, ANSON SEARLS, a citizen of the United States, residing at Newark, in the county of Essex, State of New Jersey, have invented certain new and useful Improvements in Prop-Block Washers for Carriages; and I do hereby declare that the following is a full, clear, and exact description of the invention, which will enable others skilled in the art to which it appertains to make and use the same.

My invention relates to improvements in prop-block washers for carriages; and it consists in a covered metal plate provided with a central flange projecting through the covering, so as to form a bearing for the prop-joints and other forms, all as hereinafter more fully described.

In the drawings herewith, Figure 1 is a face view of a completed washer. Fig. 2 is a sectional view of all the parts. Fig. 3 is an inside view of the plate C, and Fig. 4 an outside or face view of the same.

The plate C is metal cast or pressed into the desired form, and is provided with a hole *b* and flange *c*, that projects through the covering A and is preferably made with a square or non-cylindrical flange D, that receives the non-cylindrical end of the seat-rail. (Not shown in the drawings.) The cylindrical end of the seat-rail passes through the hole *b* and receives the prop-joint and nut. (Not shown in the drawings.) When the nut is screwed up, the prop-joint is forced against the flange *c*, and the flange D onto the non-cylindrical part of the seat-rail that forms a bearing for the plate C. The plate C is provided with a covering A, of leather or any material, and perforated to receive the flange *c*, and may be attached to the plate C or covering B by stitches at the edge, or by any well-known means. The covering B forms an inside finish to the plate C, and when the coverings A

and B are made of leather or like material they are united at the edge by stitches or any well-known means, whereby I produce a leather washer having a solid metallic case in the plate C, that forms a collar or shoulder for the prop-joint, and the flange *c* holds the prop-joint out from the covering, so as to protect the same from the prop-joint.

The prop-block washers have been made in many forms, wholly of leather or metal and by a combination of plates covered with leather; but in such cases no provisions have been made to form a bearing for the inside of the prop-joint that protected the covering or leather from the wear of the joint or from mashing up when the parts are forced together by the prop-nut that holds the prop-joint.

The plate C may be covered with thin metal A and ornamented in any desired way, or plated with gold, silver, or nickel, as may be desired, and the covering attached to the edge of the plate C by any well-known means.

The flange D, while not dependent on the flange *c*, is desirable as a means of holding the washer from turning, and enables me to make the plate C light and desirable.

Having described my invention, what I claim and desire to secure by Letters Patent, is—

1. A prop-block washer composed of a plate C with a flange *c* projecting through a covering A, substantially as set forth and described.

2. The plate C, provided with a flange D and covering A, substantially as and for the purpose set forth.

3. The combination of the plate C with flange *c* and coverings A and B, as and for the purpose set forth.

ANSON SEARLS.

Witnesses:

SAML. J. SMITH,

FREDERICK WOODRUFF.