

No. 670,127.

Patented Mar. 19, 1901.

E. O. BUTTERFIELD.
FOOT SUPPORT FOR WAGON BOXES.

(Application filed Dec. 10, 1900.)

(No Model)

Fig. 1.

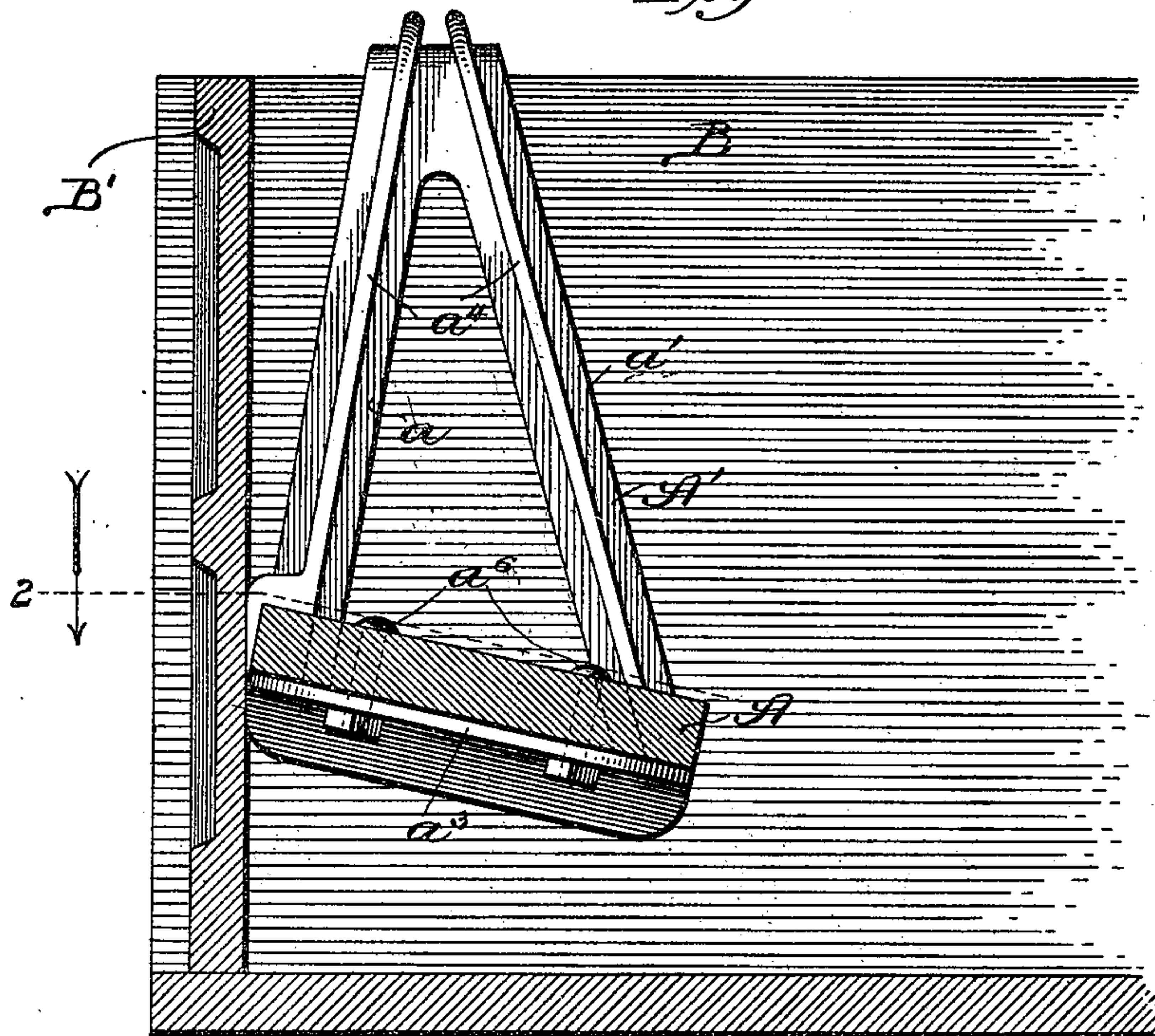


Fig. 2.

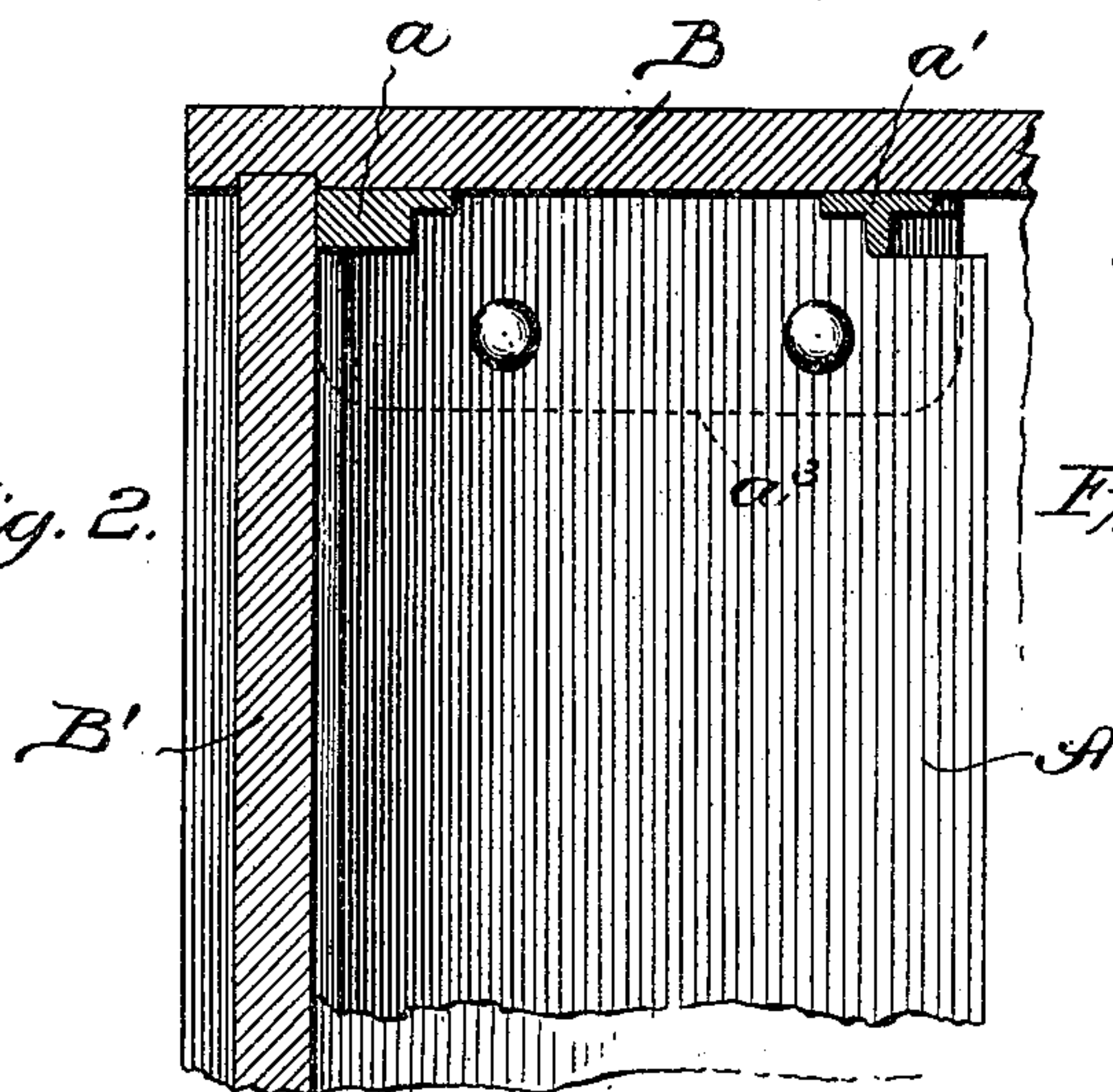


Fig. 3.

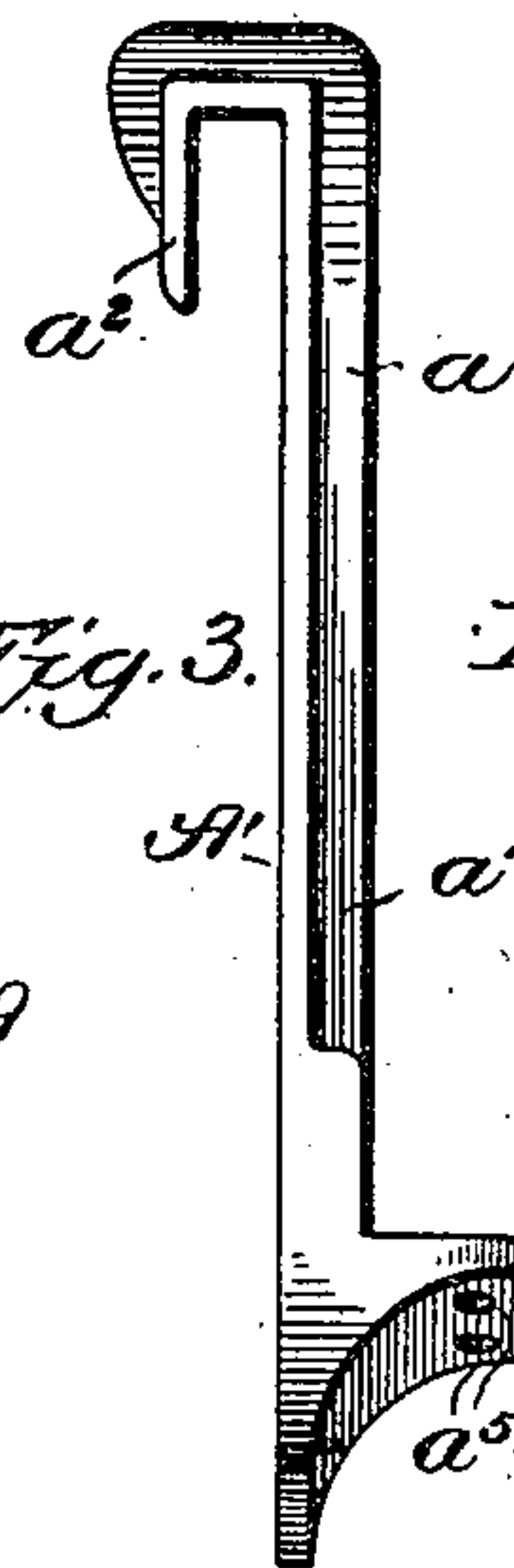
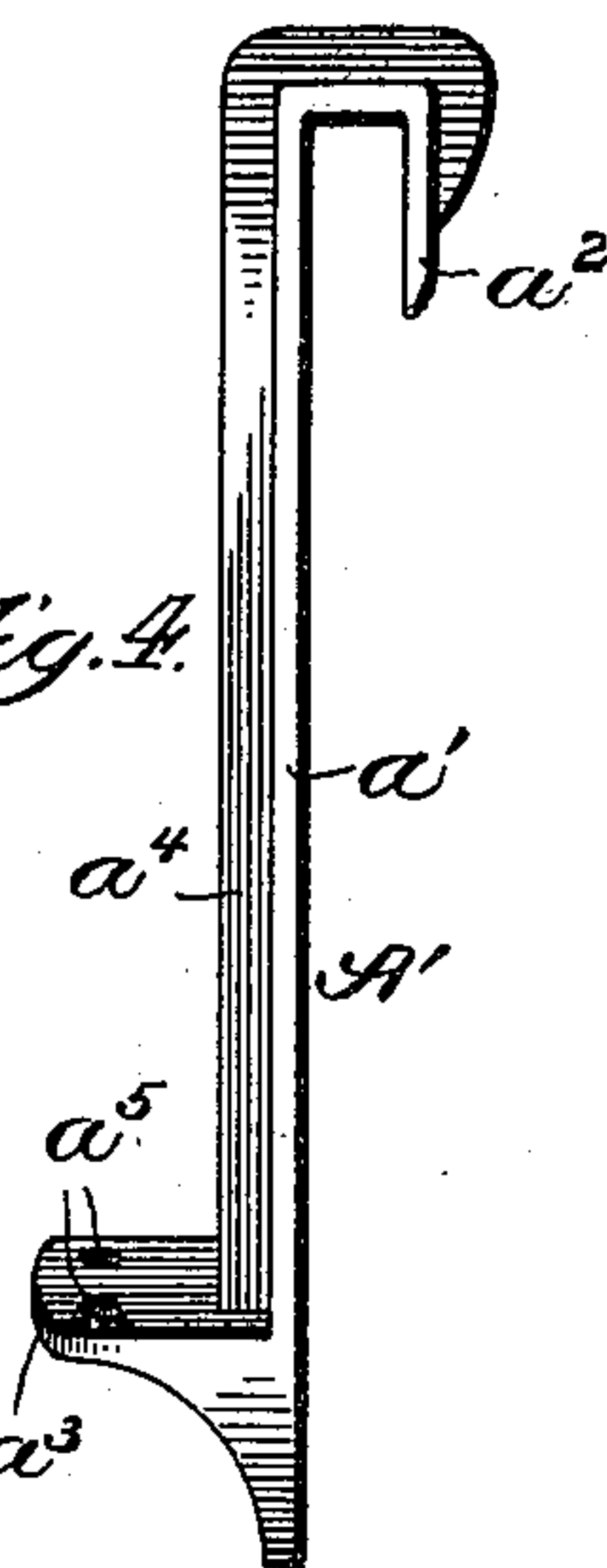


Fig. 4.



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UNITED STATES PATENT OFFICE.

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FOOT-SUPPORT FOR WAGON-BOXES.

SPECIFICATION forming part of Letters Patent No. 670,127, dated March 19, 1901.

Application filed December 10, 1900. Serial No. 39,400. (No model.)

To all whom it may concern:

Be it known that I, EDGAR O. BUTTERFIELD, a citizen of the United States, residing at Marseilles, in the county of Lasalle and State of Illinois, have invented a new and useful Improvement in Foot-Supports, of which the following is a specification.

My invention relates particularly to foot-rests for use in connection with wagon-boxes where the driver's seat is supported at such a height that the feet cannot rest upon the bottom of the box.

My object is to provide a foot rest or support of this nature which is of simple and cheap construction and which is particularly available for use with wagons having a high box—such, for instance, as farmers' wagons where a top box is used.

My invention is illustrated in its preferred form in the accompanying drawings, in which—

Figure 1 is a broken sectional view showing my improved foot-rest applied to a wagon-box; Fig. 2, a broken plan section, taken as indicated at line 2 of Fig. 1; Fig. 3, a front edge view of one of the metallic brackets employed, and Fig. 4 a rear edge view of the same.

In the preferred construction the foot-rest comprises a footboard A and brackets A', of which latter only one is shown.

The drawings show the foot-rest applied to a wagon-box, of which one side B and the front end B' are shown. Each bracket comprises vertical members a a' , a hook a^2 , and a rearwardly and downwardly inclined footboard-receiving flange or head a^3 . The members a a' are preferably provided with strengthening-ribs a^4 , and the flange a^3 is provided with perforations a^5 , which serve to receive bolts a^6 for securing the footboard to the bracket. The hook a^2 of each bracket is turned outwardly and adapted to engage the upper portion of the adjacent side of the box, and the main body of the bracket lies close to the inner surface of the side of the box, as shown in Fig. 2. As shown in Fig. 2, the ends of the board A are suitably notched to fit between the members a a' on the brackets, so that the central portion of the ends of the board project flush with the outer surfaces of the brackets. The flanges a^3 of the brackets

also project flush with the outer faces of the brackets, thereby forming webs between the lower ends of the members a a' .

The drawings show the foot-rest close against the front end of the box; but it will be understood that it may be shoved back and used at any desired position on the box. As is well known, spring-seats are commonly used on wagons, said seats being supported at a distance above the top of the box and some distance back of the front end of the box. The location and inclination of the footboard A are such that the board is at the proper height and angle to permit the feet of the driver to rest evenly upon it.

The drawings show the foot-rest applied to a deep box having a continuous side; but it will be understood, however, that it is common to provide removable top boxes for wagons, and when such top boxes are used the foot-rest is of particular advantage. It will be observed that the flanges or transversely-expanded heads a^3 afford metallic bindings for the ends of the footboard and that consequently danger from splitting is avoided. Preferably the footboard is inclined, as shown.

The construction may be varied in details without departure from my invention. Hence no limitation is to be understood from the foregoing detailed description except as shall appear from the appended claims.

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

1. A foot-rest for the purpose described, comprising brackets provided at their upper ends with outturned hooks for engaging the upper edges of the sides of the box and having at their bases transversely-expanded footboard-receiving heads, and a footboard secured at its ends to said heads, substantially as described.

2. A foot-rest for the purpose described, comprising brackets supported at the sides of the box and depending into the box, rearwardly and downwardly inclined footboard-receiving heads at the bases of said brackets, and a similarly-inclined footboard secured at its ends to said heads, substantially as described.

3. A foot-rest for the purpose described, comprising a rearwardly and downwardly inclined foot-supporting portion and brackets

extending upwardly from the ends thereof and adapted to engage the upper edges of the sides of the box, substantially as described.

4. A foot-rest for the purpose described, comprising a footboard and metallic brackets to which said board is attached, each bracket comprising a body portion lying adjacent to the side of the box, an inturned footboard-supporting flange at the lower ends thereof, and an outturned hook at the upper end thereof, substantially as and for the purpose set forth.

5. A foot-rest for the purpose described, comprising a footboard and supporting-brackets connected with the ends thereof, each bracket comprising members $a a'$, a base portion a^3 and an outturned hook a^2 at its upper end, substantially as and for the purpose set forth.

EDGAR O. BUTTERFIELD.

In presence of—

D. W. LEE,

ALBERT D. BACCI.