

No. 656,820.

Patented Aug. 28, 1900.

G. W. LENTZ.

WAGON ATTACHMENT FOR CARRYING AXES.

(Application filed Feb. 23, 1900.)

(No Model.)

FIG. 1.

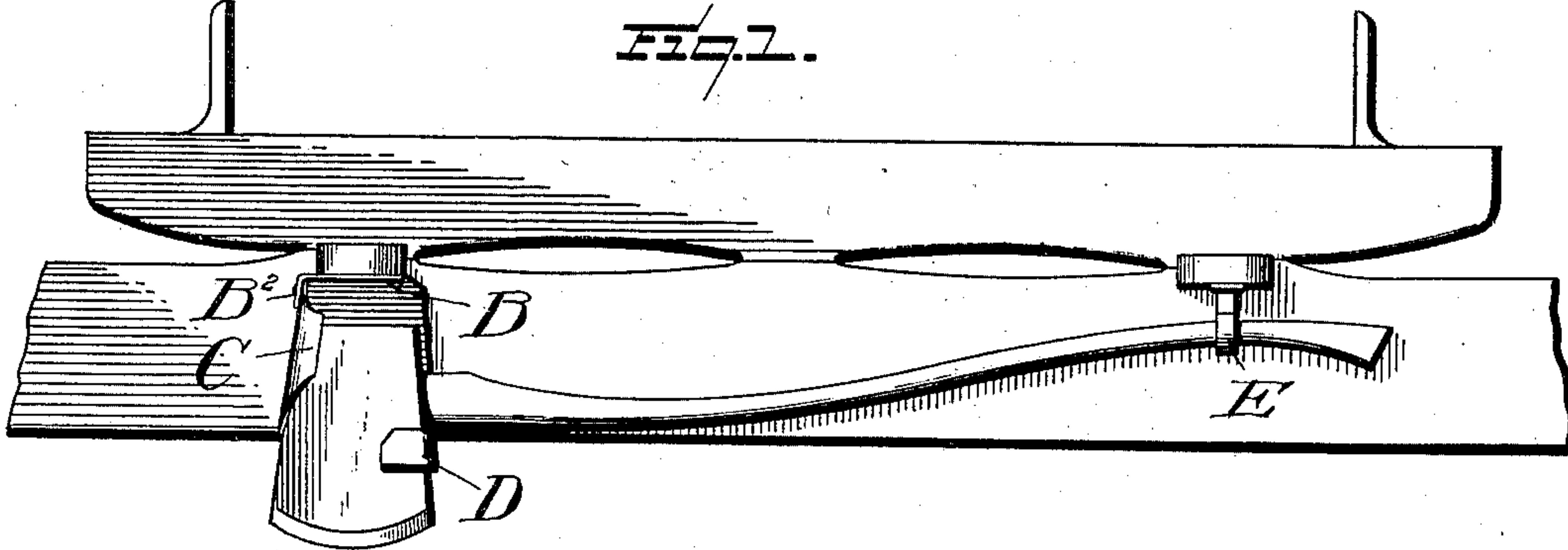


FIG. 3.

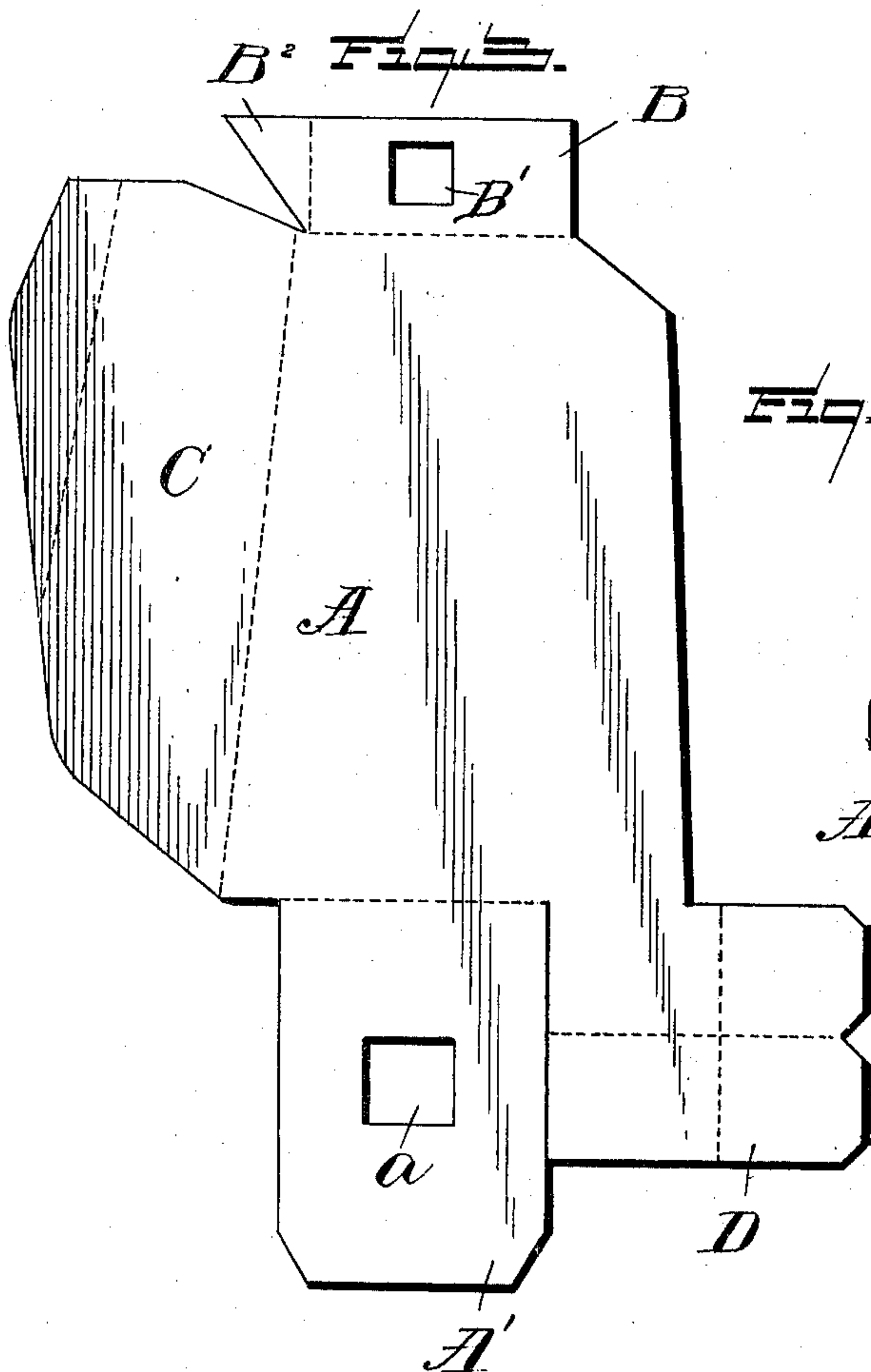
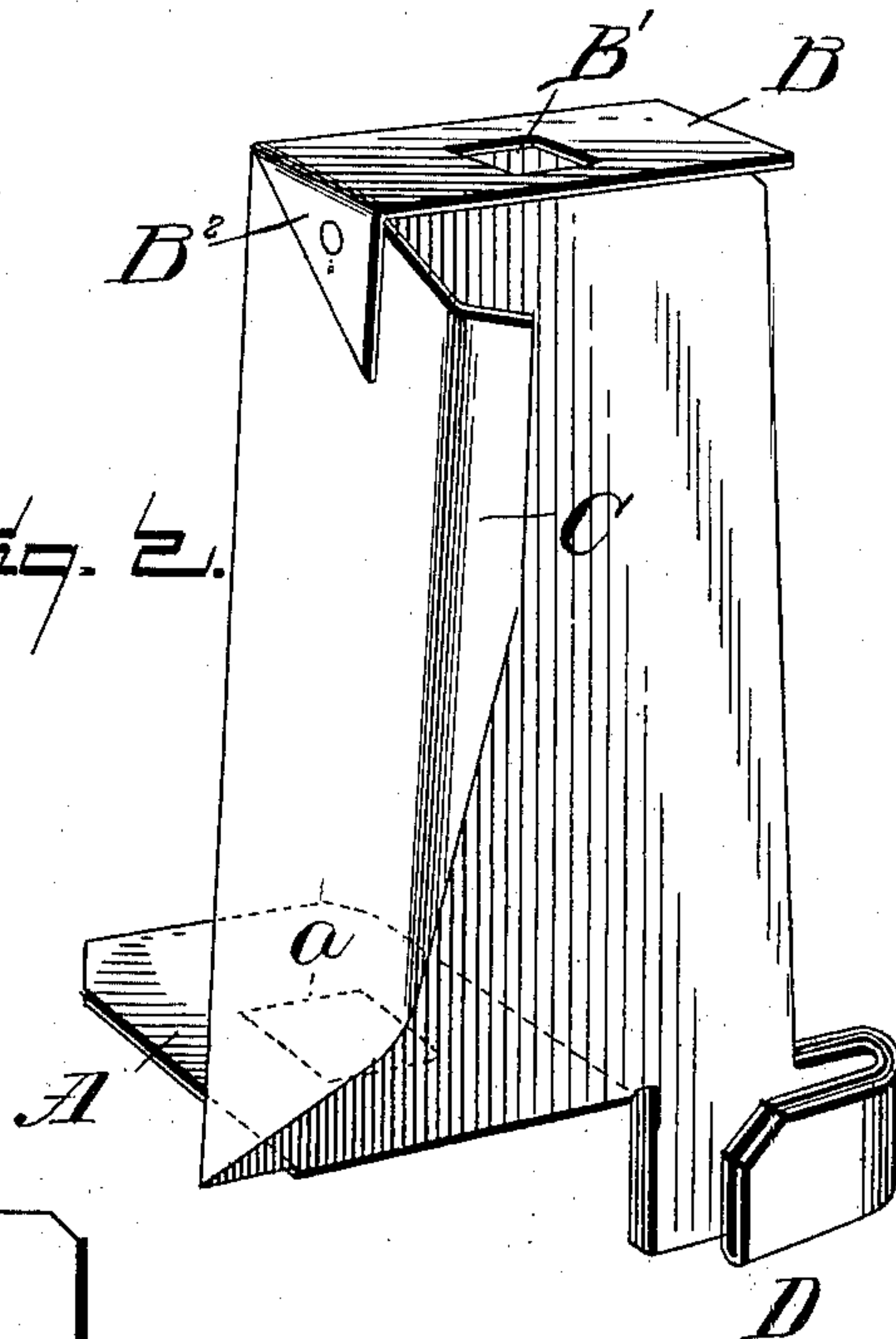


FIG. 2.



WITNESSES:

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# UNITED STATES PATENT OFFICE.

GEORGE W. LENTZ, OF ADRIAN, MISSOURI.

## WAGON ATTACHMENT FOR CARRYING AXES.

SPECIFICATION forming part of Letters Patent No. 656,820, dated August 28, 1900.

Application filed February 23, 1900. Serial No. 6,299. (No model.)

*To all whom it may concern:*

Be it known that I, GEORGE W. LENTZ, a citizen of the United States, residing at Adrian, in the county of Bates and State of Missouri, have invented certain new and useful Improvements in Attachments to Wagons for Carrying Axes; and I do declare the following to be a full, clear, and exact description of the invention, such as will enable others skilled in the art to which it appertains to make and use the same, reference being had to the accompanying drawings, and to the letters of reference marked thereon, which form a part of this specification.

This invention relates to new and useful improvements in attachments to wagons for carrying axes; and it consists in the provision of a box made of a single piece of metal which is bent in suitable shape to be attached to the rear axle of the wagon and securely bolted thereto, said box adapted to receive and hold the head of the ax and retained therein by means of the projecting portion of the plate forming the box, which portion extends about the outer edge of the ax, the handle being sprung slightly in adjusting the same in place, suitable provision being made for supporting the free end of the handle.

To these ends and to such others as the invention may pertain the same consists, further, in the novel construction, combination, and adaptation of parts, as will be hereinafter more fully described and then specifically defined in the appended claims.

My invention is clearly illustrated in the accompanying drawings, which, with the letters of reference marked thereon, form part of this application, and in which drawings similar letters of reference indicate like parts throughout the several views, in which—

Figure 1 is an elevation of the attachment shown as adjusted to the axle of a wagon with an ax held in place. Fig. 2 is an enlarged detail view of the box removed; and Fig. 3 is a detail view of the blank of metal, showing its outline before being bent in shape to receive the ax.

Reference now being had to the details of the drawings by letter, A designates the metallic plate, which is made, preferably, of thin

metal and has a projecting portion A' with a square aperture *a* therein, which projecting portion is bent at right angles to the main portion of the plate and extends backward. The opposite end of said plate has a projecting portion B, which has an aperture B' therein, said portion B being bent at right angles in an opposite direction from the projection A', and one of the longitudinal sides C of the plate is bent forward and at a right angle to the front face of the plate and has a portion of its free edge bent again at a right angle and in a plane parallel to the face of the body portion of the plate, while the tapering end B<sup>2</sup> of the projection B is bent at right angles and fastened over the portion C and fastened thereto. At the lower corner of the plate is a wing D, which is notched on its outer edge, said wing being adapted to be folded upon itself and its free outer end curved into the shape shown in the drawings. Under this curved wing, forming a hook, the inner edge of the ax-head adjacent to the handle is adapted to be held.

In applying the device to the wagon the projecting portion A', having a squared aperture therein, is fastened over the bolt that goes through the bolster, hound, and axle and underneath the latter and preferably on the left side of the wagon. This portion being thus securely held to the axle, the projecting portion B is bolted under the end of the hound which projects behind the axle, and the device being thus secured to the wagon the ax is inserted in the boxing thus formed to carry the same by placing the head of the ax flat against the front side of the boxing and springing the handle up, which brings the portion of the ax just under the handle against the hook D and the upper opposite part of the ax against the head of the boxing. The ax being thus inserted in place, the free end of the handle of the ax is supported by means of a hook E, which is bolted under the hound which projects back of the axle near the opposite end of the latter from that to which the box is secured. The ax being thus adjusted to the boxing will be held securely and prevented from jolting out or rattling about by means of the tension of the handle



bearing between the head and the curved projection D of the boxing.

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

1. An attachment to wagons for carrying axes, comprising a boxing made of a single piece of metal having two of its edges bent at right angles to each other, and a curved projection to confine the head of an ax, said device being secured vertically to the axle of a wagon, as set forth.

2. An attachment to wagons for carrying axes, comprising a metallic plate having right-angled extensions on opposite ends bent in opposite directions, and apertured to be fitted to the axle of a wagon, one of the longitudinal edges of said plate being bent at right angles to the body portion, and the upper part of said edge being inwardly bent, a projecting portion at the lower corner of the

plate being curved to fit over the ax below the handle as shown and described.

3. An attachment to wagons for carrying axes, comprising a metallic plate having right-angled extensions on opposite ends, bent in opposite directions, and apertured to be fitted to the axle of a wagon, one of the longitudinal edges of said plate being bent at right angles to the body portion, and the upper part of said edge being inwardly bent, an integral hook-shaped portion at the lower corner of the plate engaging over the head of the ax below the handle, and a hook for supporting the free end of the handle, and in which hook said handle is designed to be sprung.

In testimony whereof I affix my signature in presence of two witnesses.

GEORGE W. LENTZ.

Witnesses:

J. S. MUSGROVE,  
B. C. COATES.