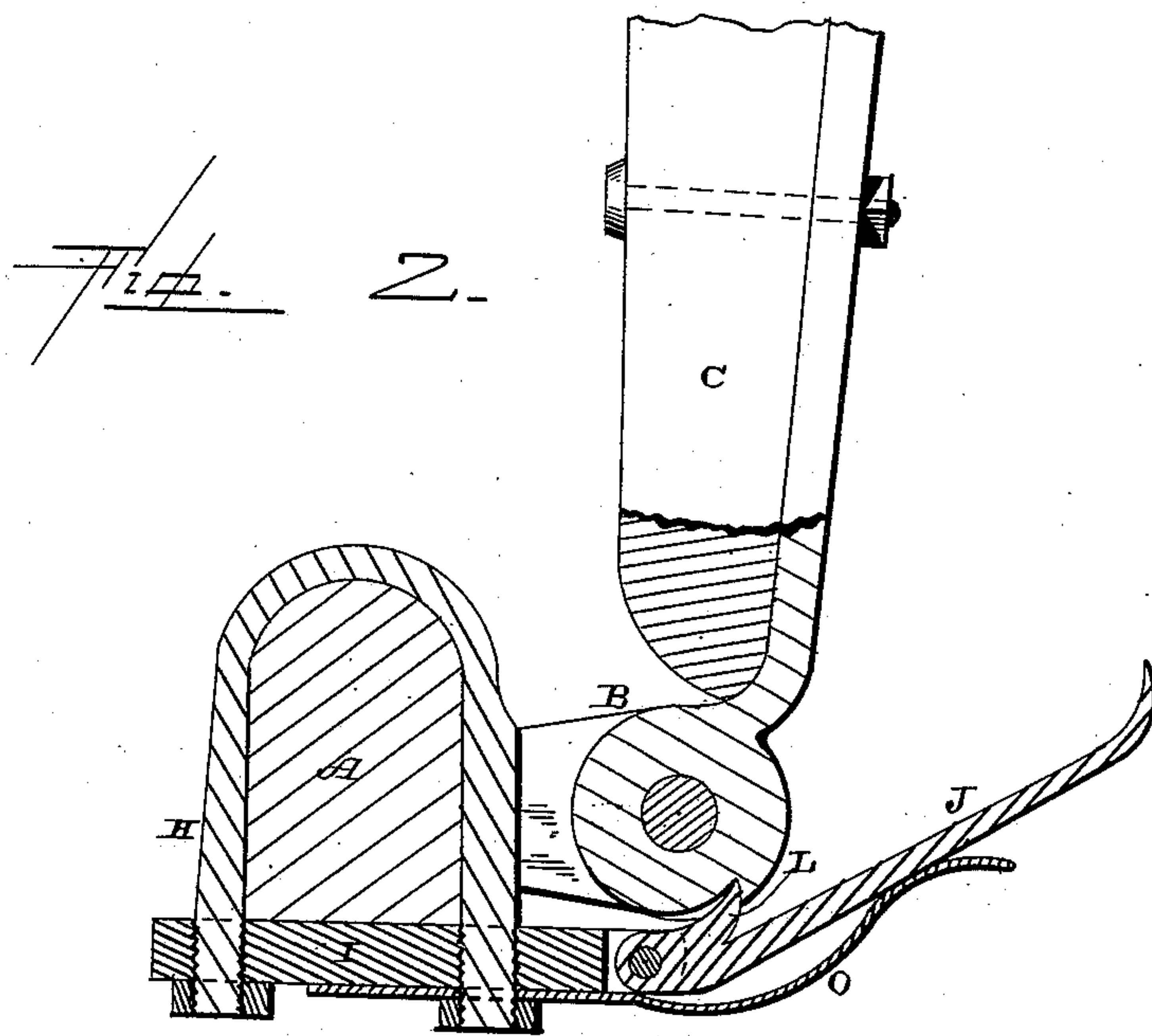
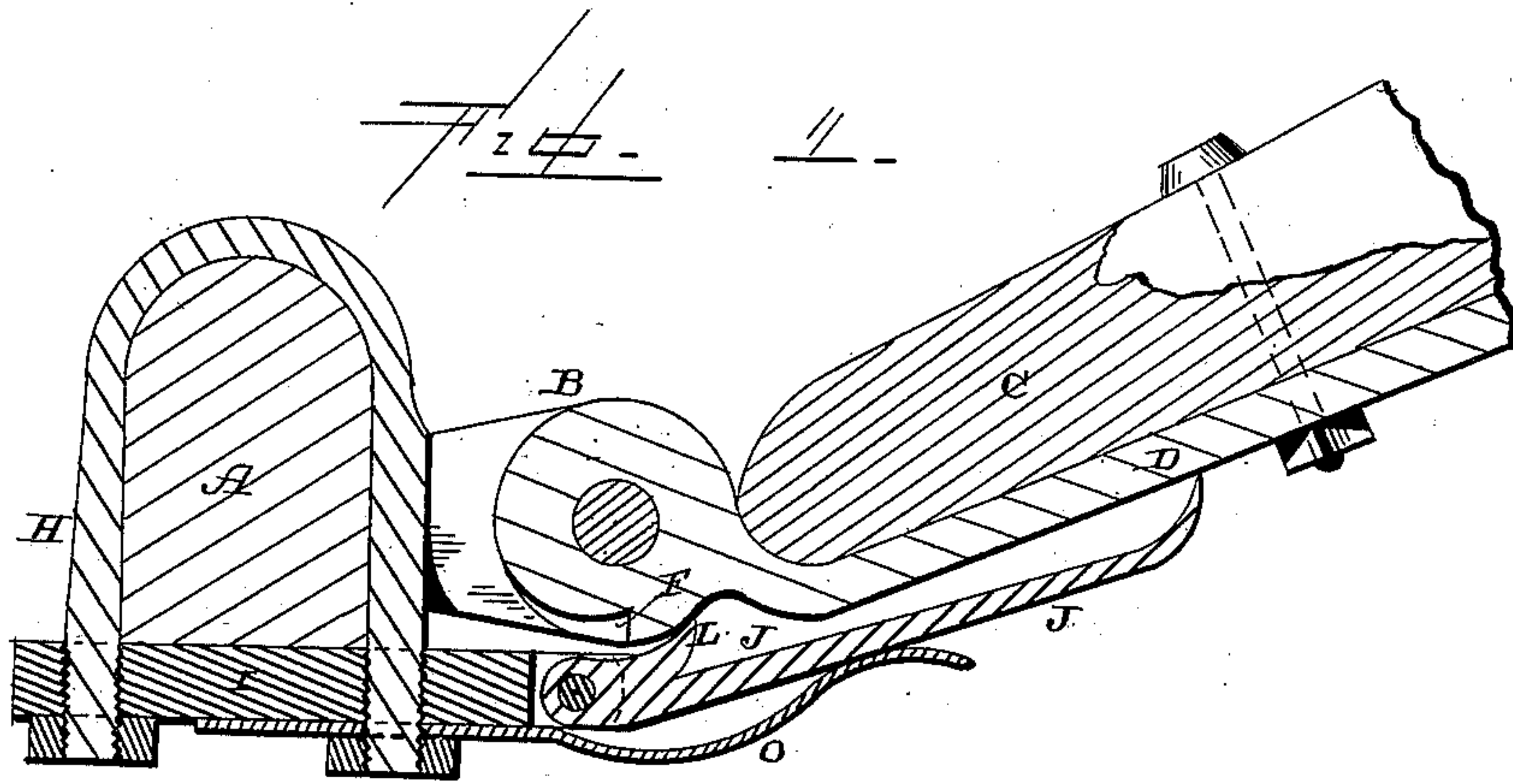


(Model.)

J. MAISH.
SHAFT SUPPORT.

No. 358,211.

Patented Feb. 22, 1887.



WITNESSES
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UNITED STATES PATENT OFFICE.

JACOB MAISH, OF WARSAW, INDIANA.

SHAFT-SUPPORT.

SPECIFICATION forming part of Letters Patent No. 358,211, dated February 22, 1887.

Application filed January 11, 1887. Serial No. 224,043. (Model.)

To all whom it may concern:

Be it known that I, JACOB MAISH, of Warsaw, in the county of Kosciusko and State of Indiana, have invented certain new and useful Improvements in Shaft-Supports; and I do hereby 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 pertains to make and use it, reference being had to the accompanying drawings, which form part of this specification.

My invention relates to an improvement in shaft-supports; and it consists in the combination of the thill-iron having a suitable recess made in it, with a jointed support provided with a suitable projection to catch in the recess, and a spring for holding the outer end of the support in position, as will be more fully described hereinafter.

The object of my invention is to provide a support for shafts, so that they can be held in a raised position when not in use, and thus keep them up out of the way.

Figure 1 is a vertical section of a shaft-support to which my invention is applied, the shaft being shown in a lowered position. Fig. 2 is a similar view showing the shaft-support in a raised position.

A represents the axle; B, the coupling; C, the shaft; and D, the shaft-iron having a suitable recess, F, formed in its under side, as shown. This recess is provided with an abrupt shoulder at one end, and its bottom inclines backward, as shown.

Forming the bottom piece of the clip H is a plate, I, to the outer end of which the support J is pivoted or hinged in any suitable manner. This support J is provided with a projection or ratchet, L, which extends from its upper side, and which catches in the recess in the thill-iron when the shaft is raised upward, so as to hold it in this raised position. The outer end of this support J projects outward beyond the thill-coupling a suitable distance, so as to

be readily forced downward by either the hand or foot, so as to release the shaft whenever so desired. Fastened to the clip is a flat spring, O, which has its outer end to extend outward a suitable distance and to bear against the under side of the support J, to hold it pressed upward and thus make it automatic in its operation. When the shaft is raised upward to a certain point, the projection upon the top of the support snaps into the recess, and the shafts are then held in a raised position. When it is desired to lower the shafts, the support must be forced downward by the application of either the hand or foot until the projection is freed from the recess, when the shafts will descend from their own weight.

This invention is especially adapted for holding up the shafts so that the horse can be moved into the proper position for hitching to the vehicle, and for the purpose of holding up the shafts out of the way when the vehicle is not in use.

Having thus described my invention, I claim—

1. In a shaft-support, the combination of the thill-iron provided with a suitable recess, with a pivoted spring-actuated support provided with a suitable projection to catch in the recess, substantially as shown.

2. The combination of the axle, a clip applied thereto, the coupling, the thill-iron provided with a recess, the plate which forms a portion of the clip and to which the support is pivoted, and the spring, the support being provided with a projection upon its top, and having its outer end extend outward, so as to be operated either by hand or foot, substantially as described.

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

JACOB MAISH.

Witnesses:

JOHN H. BRUBAKER,
ABE BRUBAKER.