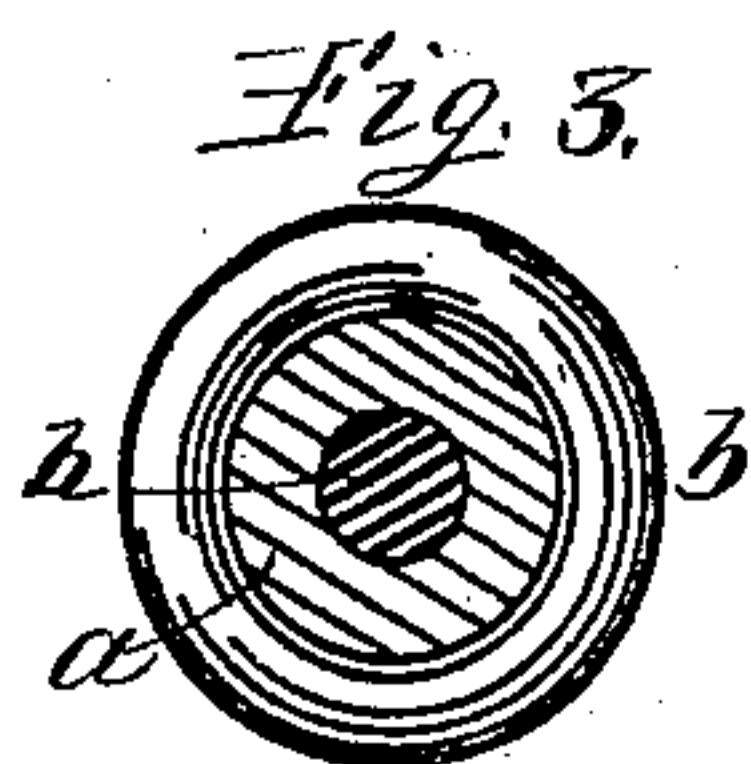
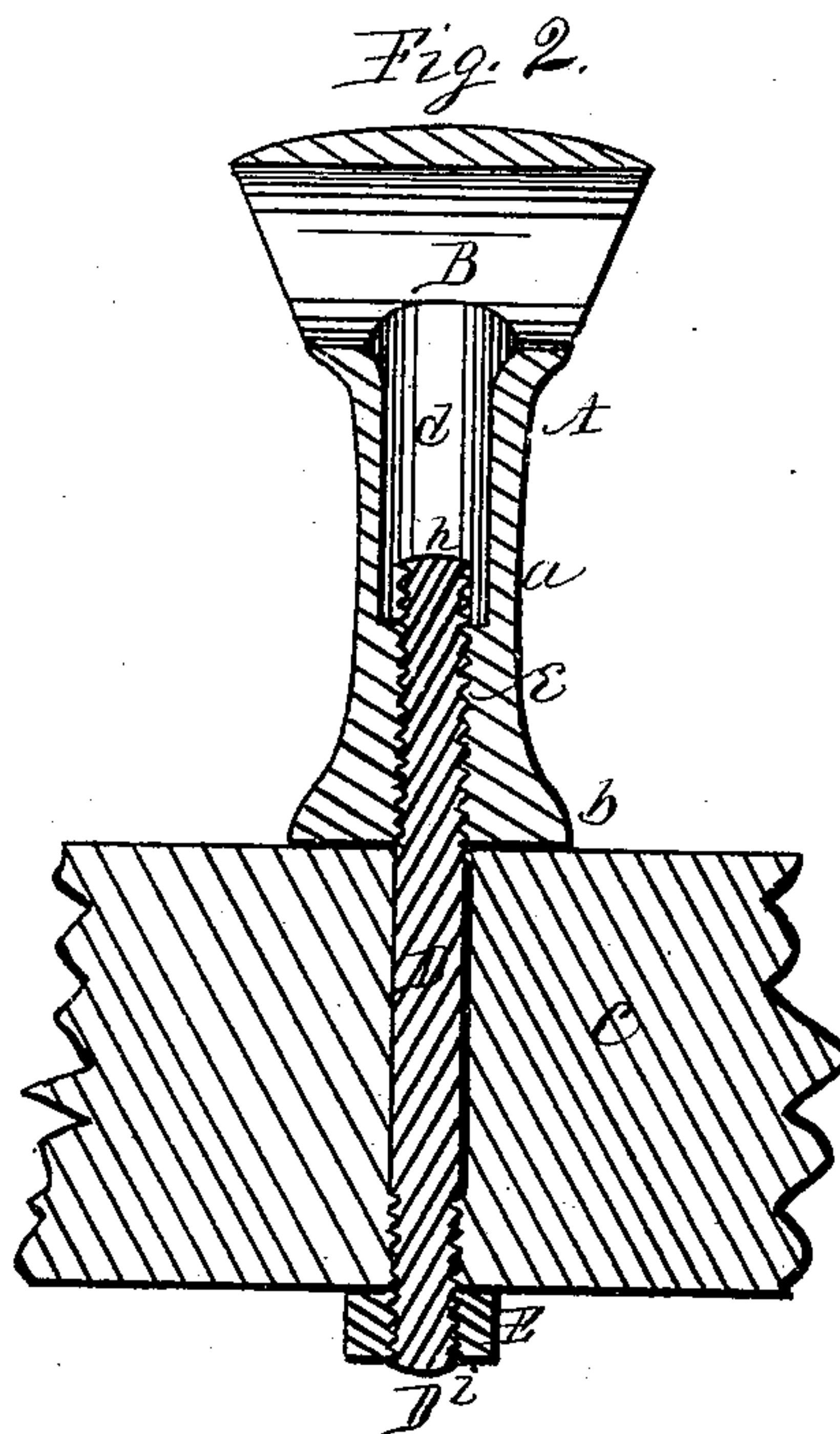
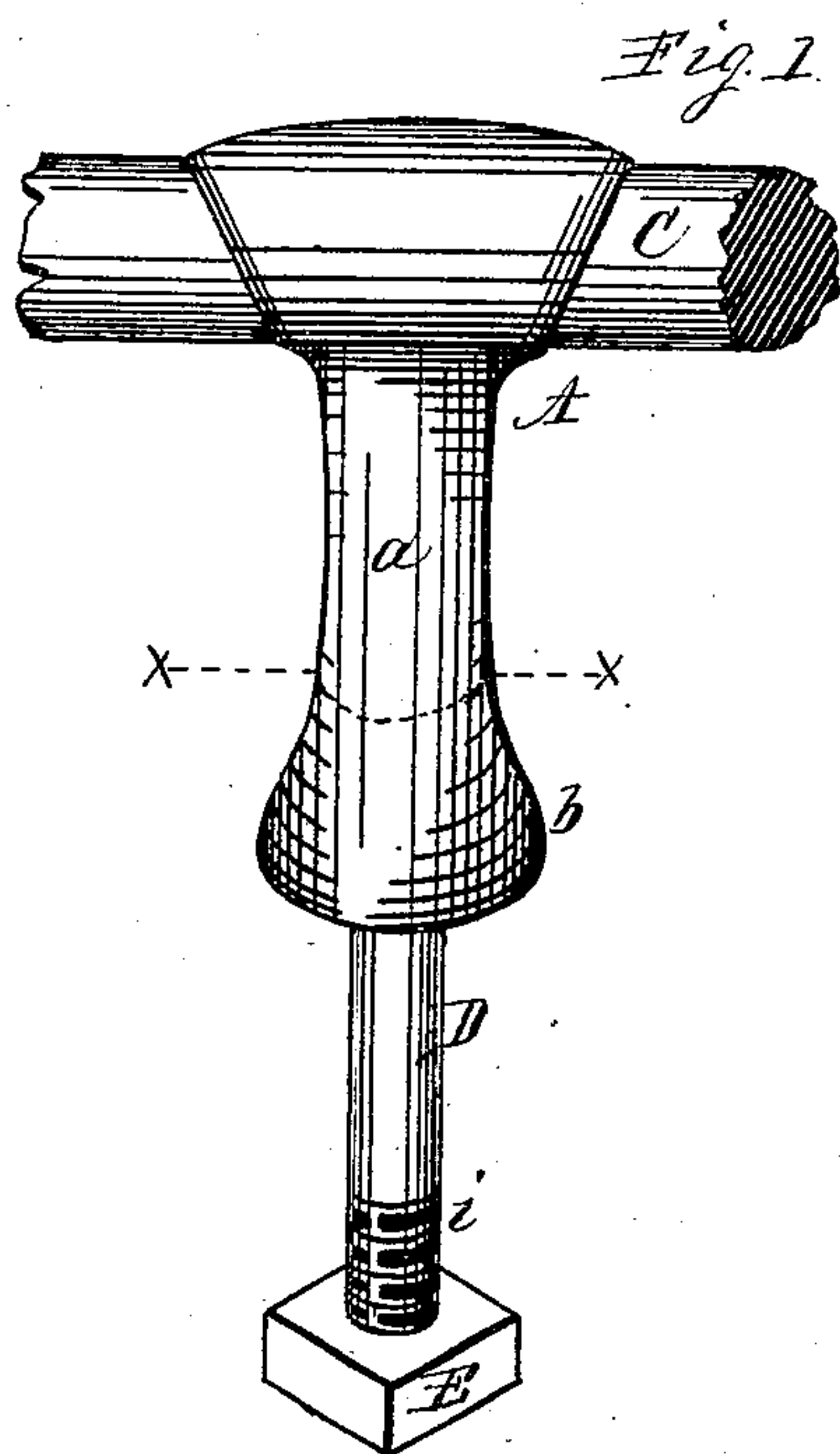


(No Model.)

P. SAMES.  
Circle Iron Support for Wagons.

No. 241,159.

Patented May 10, 1881.



Witnesses.  
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# UNITED STATES PATENT OFFICE.

PETER SAMES, OF ROCKFORD, ILLINOIS.

## CIRCLE-IRON SUPPORT FOR WAGONS.

SPECIFICATION forming part of Letters Patent No. 241,159, dated May 10, 1881.

Application filed January 5, 1881. (No model.)

*To all whom it may concern:*

Be it known that I, PETER SAMES, a citizen of the United States, residing in the city of Rockford, in the county of Winnebago and State of Illinois, have invented new and useful Improvements in Circle-Iron Supports for Wagons, of which the following is a specification.

My invention consists in a circle-iron support composed of a cast malleable support, having a wrought-iron screw-threaded bolt to connect it with tongue-hounds of the wagon, which will be hereinafter more fully described.

In the accompanying drawings, Figure 1 is an isometrical representation of my improved support, of which Fig. 2 is a vertical section in the lengthwise direction of the circle-iron. Fig. 3 is a vertical section on dotted line *x x*.

My improved circle-iron supports are composed of two parts. The portion A, constituting the support proper, is preferably made of malleable casting, having its upper portion enlarged and provided with a hole, B, at right angles to its length, and of proper size to receive the circle-iron snugly, a portion of which is represented at C in place in the support, and which in this instance is circular in cross-section, made from a suitable bar of round iron. From this upper portion depends a shaft, *a*, having its lower end portion enlarged, as at *b*, forming a foot, on which it is supported in position on the tongue-hounds, a portion of which is represented at *c* in section. The shaft of this support is tubular, being provided with an axial opening consisting of two sections, *d* and *e*. The upper section, *d*, of this axial opening is of greater diameter than the lower portion, *e*, which is screw-threaded, and the difference in the diameter of these sections is such that the screw-tap employed to produce the screw-thread in the lower portion will freely enter the upper section without engaging its inner walls. By this arrangement in the manufacture of my improved support I am enabled to employ an ordinary taper screw-tap with which to produce a full thread in the opening and of equal diameter throughout its entire length.

The shank of my improved support, employed to fix it in position on the carriage—in this instance on the tongue-hounds thereof—consists of a joint screw-bolt-like portion, D,

the upper portion, *h*, of which is provided with a screw-thread adapted to engage the screw-threaded portion of the support, in which it is firmly fixed by its screw-threaded connection therewith. The lower or free end portion of the shank D is screw-threaded, as at *i*, and is provided with a screw-nut, E, in the usual manner, and is employed to fix the support in position on the carriage.

In use my improved support is placed upon a suitable bar or rod from which to form the circle-iron, which is then properly formed. It is then placed in position on the carriage, having the shank portion of the supports inserted in suitable holes in the tongue-hounds prepared for their reception. The screw-nut is then placed on their depending ends and the supports firmly fixed in position by turning the screw-nut in the usual manner.

In the foregoing I have described my improved circle-iron support provided with a screw-threaded shank inserted into the screw-threaded portion of the support and its screw-threaded free end provided with a screw-nut, instead of which an ordinary square-headed screw-bolt may be employed, which may be passed upward through the tongue-hound and its screw-threaded portion turned into the screw-threaded portion of the support, the turning of which will bring the support to a firm sitting on the hound, to fix it in position to support the circle-iron.

I claim as my invention—

1. A circle-iron support consisting of a tubular shaft provided with an enlarged base, and having an enlarged upper portion provided with a hole at right angles to the shaft for the reception of the circle-iron, in combination with a screw-bolt which is screwed into the lower end of the tubular shaft, substantially as set forth.

2. A tubular support provided with a hole at its upper end, located at right angles to its length, and the axial opening of the support screw-threaded at its lower end, in combination with a screw-bolt which is screwed into the lower end of the tubular support, substantially as set forth.

PETER SAMES.

Witnesses:

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