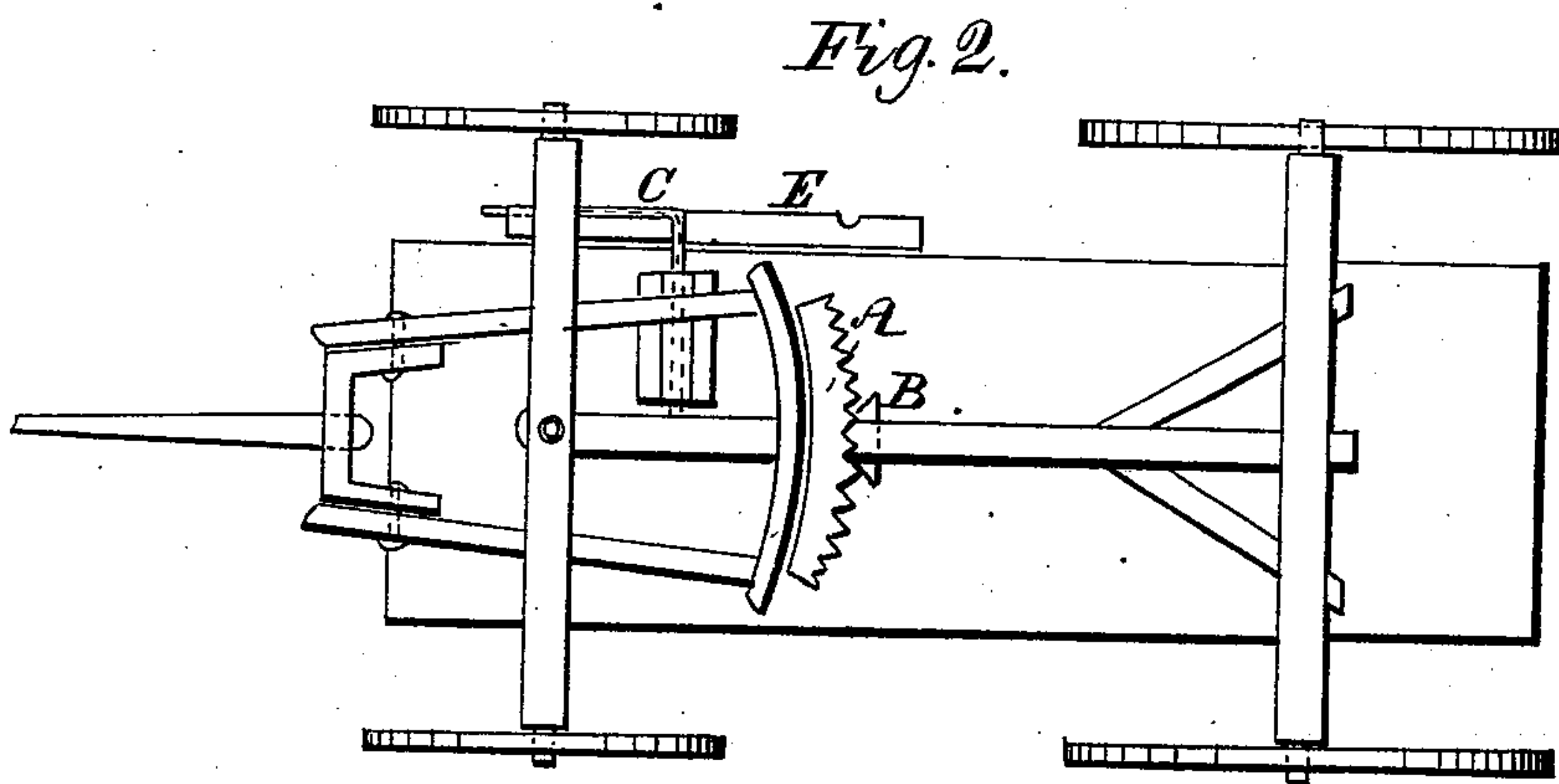
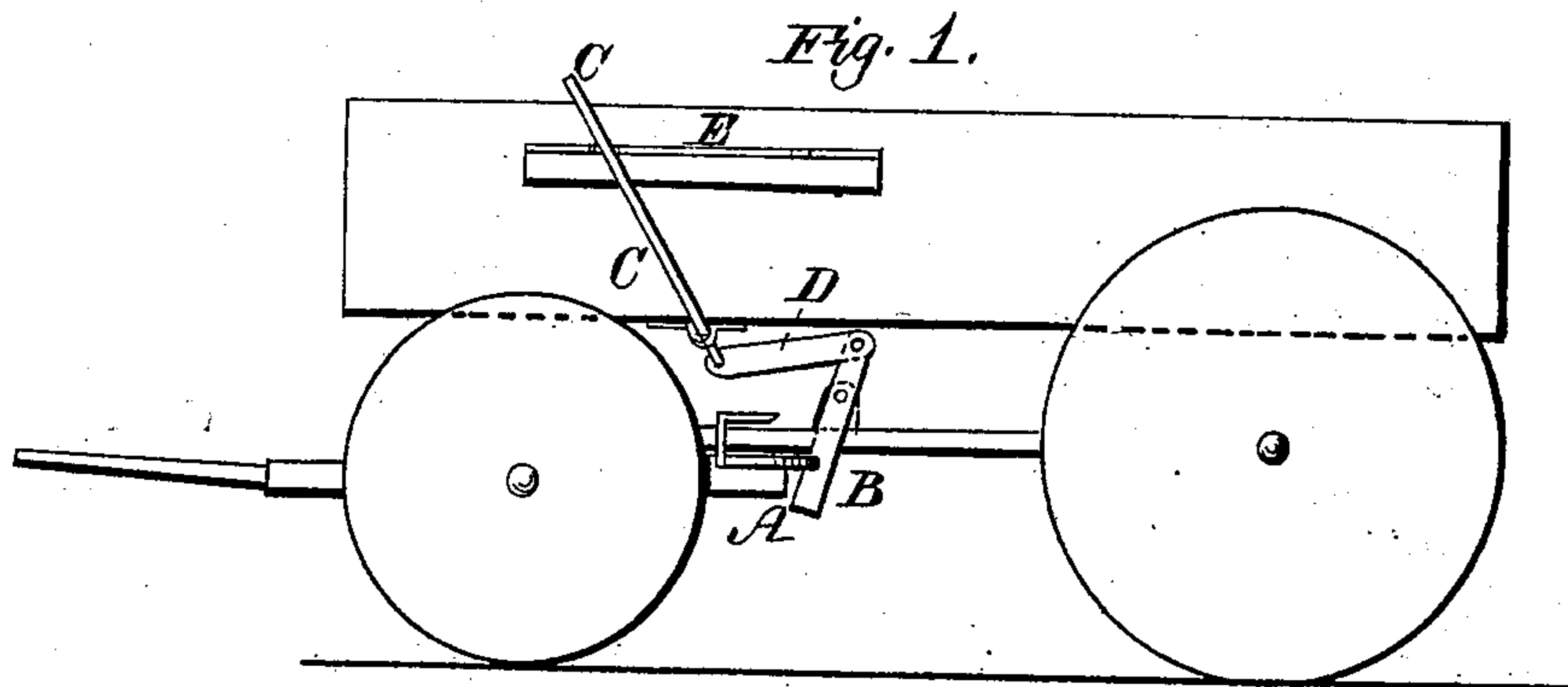


R HURD.

Guide Attachment for Wagons.

No. 93,205.

Patented Aug. 3, 1869.



Witnesses

O. Hinchman
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United States Patent Office.

REUBEN HURD, OF MORRISON, ILLINOIS.

Letters Patent No. 93,205, dated August 3, 1869.

IMPROVEMENT IN WAGONS.

The Schedule referred to in these Letters Patent and making part of the same.

To all whom it may concern :

Be it known that I, REUBEN HURD, of Morrison, in the county of Whitesides, and State of Illinois, have invented a new and improved Guide-Attachment for Wagons; and I do hereby declare that the following is a full, clear, and exact description thereof, which will enable those skilled in the art to make and use the same, reference being had to the accompanying drawings, forming part of this specification.

The object of this invention is to provide a guide-attachment for wagons which may be operated by the driver, to control the direction of the wagon, whether in a straight or curved course, and in going either forward or backward, but designed more especially for use when backing the wagon.

Figure 1 represents a side elevation of a wagon, having my improvements applied, and

Figure 2 represents a plan view of the bottom of the wagon.

Similar letters of reference indicate corresponding parts.

On the sway-bar, in any suitable way, I place a notched segmental plate, A, and to the reach, or any other suitable support, I pivot a lever-catch, B, capable of swinging into or out of the notches of the said bar A; and for operating the said catch-lever, I con-

nect it to a hand-lever by a link, D, or any other suitable means, and I arrange the hand-lever in a suitable position on the outside of the box, for reach by the rider, so that by moving it one way or the other, he may connect or disconnect the catch-lever with the notched bar A.

A catch-bar, E, is provided to hold the lever C in any required position.

This device is very useful in times when it is desired to control the course of the wagon, especially in backing, when it is difficult for the horses to guide the wagon as required.

Having thus described my invention,

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

The combination, with the sway-bar, of a wagon of the notched plate A, catch-lever B, handle C, notched plate E, and link D, all arranged substantially as specified.

The above specification of my invention signed by me, this 6th day of April, 1869.

REUBEN HURD.

Witnesses:

JOHN P. BICKERT,
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