

A. J. UPHAM.
Wheelbarrow.

No. 198,475.

Patented Dec. 25, 1877.

Fig. 1.

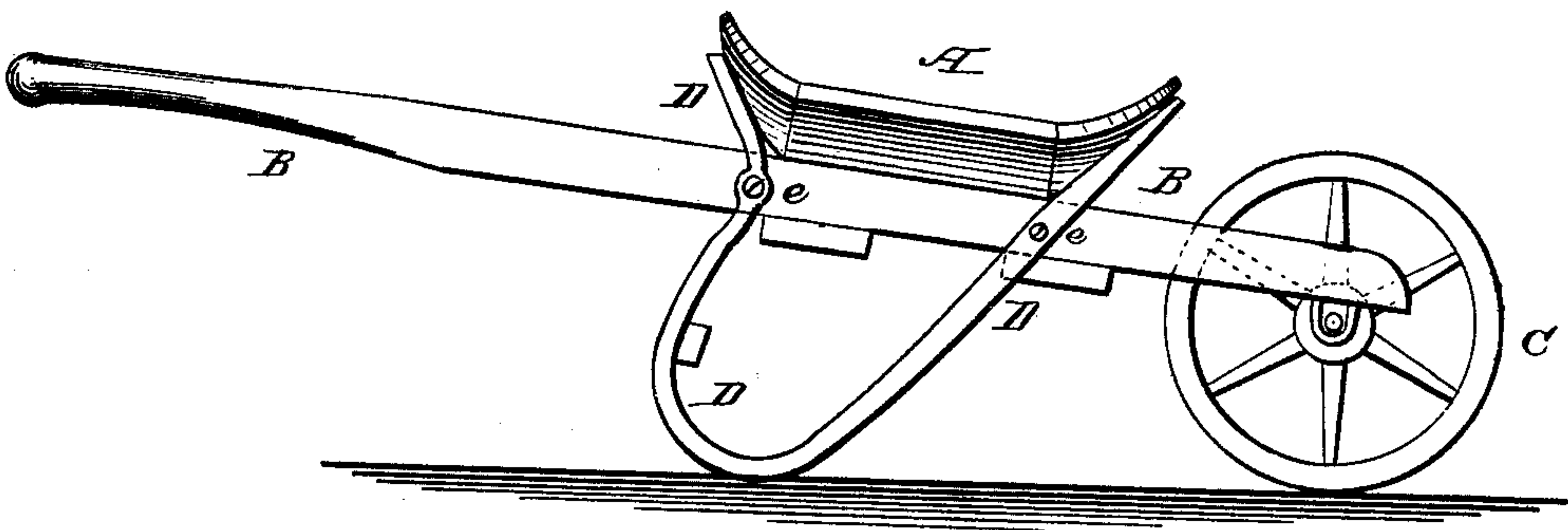
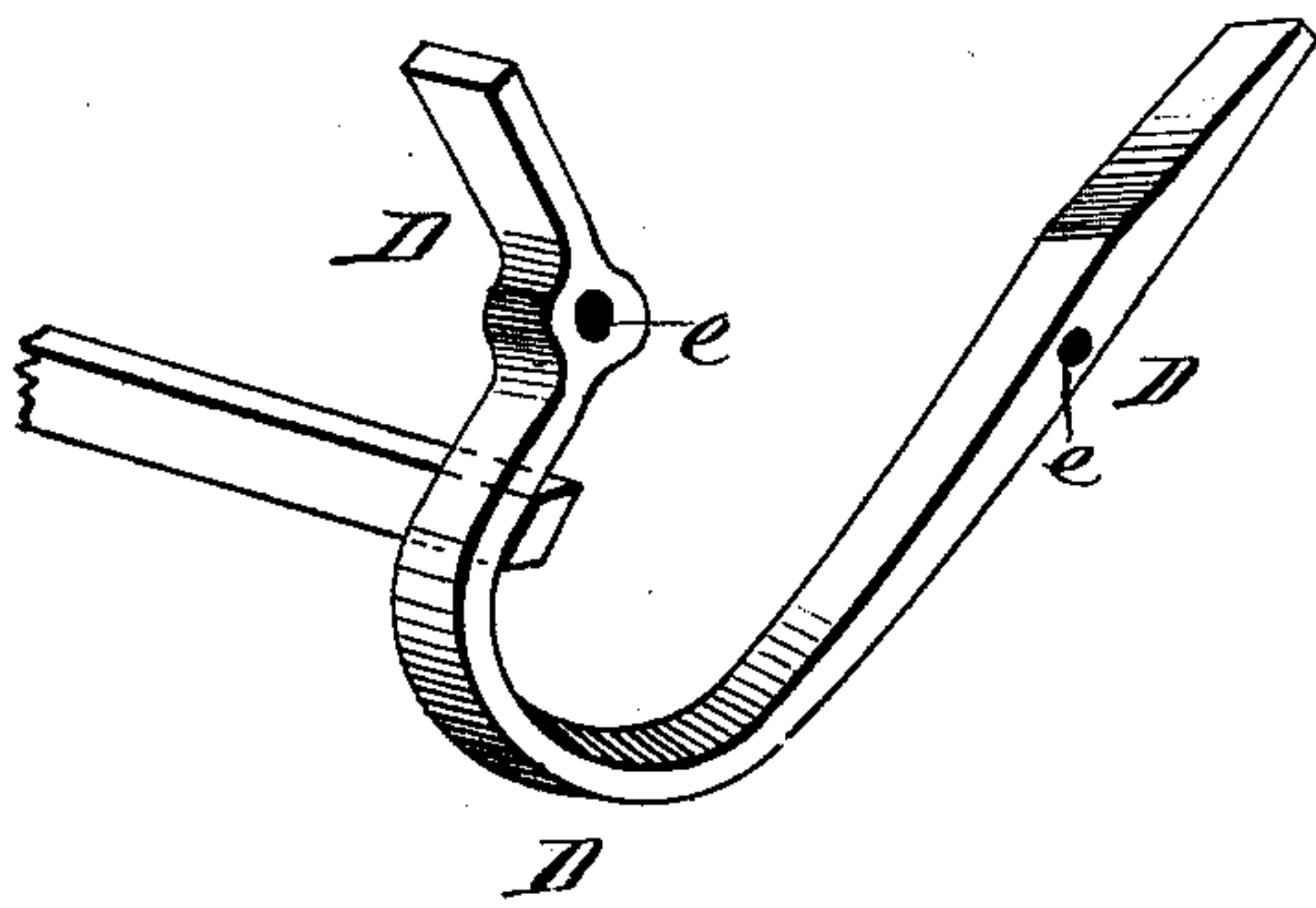


Fig. 2.



Witnesses:

P. G. Diatenich.
Frank H. Duffey

Inventor:

Andrew J. Upham.

Per *Manahan & Ward* Attorneys

UNITED STATES PATENT OFFICE.

ANDREW J. UPHAM, OF STERLING, ILLINOIS, ASSIGNOR OF TWO-THIRDS HIS RIGHT TO JOHN H. LAWRENCE AND CHAUNCY G. BETTS, OF SAME PLACE.

IMPROVEMENT IN WHEELBARROWS.

Specification forming part of Letters Patent No. **198,475**, dated December 25, 1877; application filed November 24, 1877.

To all whom it may concern:

Be it known that I, ANDREW J. UPHAM, of the city of Sterling, in the county of Whitesides and State of Illinois, have invented a new and useful Improvement in Wheelbarrows, of which the following is a specification:

The invention relates to a peculiar conformation of the legs of such wheelbarrow, whereby one set of braces is dispensed with, and the upper ends of such legs form the support to the hopper.

Heretofore it has been customary to give the legs of a wheelbarrow the necessary bracing by inserting a brace from the lower end of each leg forward to the frame. This was objectionable, for two reasons: first, it weakened both brace and leg at their point of juncture; and, second, the parts were liable to become rotten from constant contact with the ground, and to separate at the point indicated.

The object of my invention is to overcome these difficulties by making each leg somewhat bow-shaped, and thus dispense entirely with the braces named, and also to attain some further advantages, hereinafter named.

In the accompanying drawings, in which similar letters of reference indicate like parts, Figure 1 is a side elevation of a wheelbarrow, exhibiting my invention; and Fig. 2 is a detailed view of the leg D.

A is the ordinary hopper. B B are the sides of the frame, the ends of which are used as handles, and upon which the hopper A and wheel C are placed in the usual way.

The legs D D are bent as shown, and bolted, respectively, to the outer surface of B at *e e*, as shown, the ends of each leg being bent and extended above B, to serve also as forward and rear supports to the hopper A.

The advantages of my invention, in addition to what has already been said as to its durability, are in cheapness of construction, by dispensing with the braces named, and with their weakening connection to the legs; also, in giving the leg a runner shape, which will enable it to rise over obstacles, and less likely to catch thereon. Again, while resting on soft ground while the barrow is being loaded, the legs, by reason of their flat base, will not, as heretofore, enter the ground so as to become attached thereto.

What I claim is—

In combination with a wheelbarrow-frame, the legs D D, formed in a continuous bow, and having extensions to support the hopper in front and rear, substantially as and for the purpose described.

ANDREW J. UPHAM.

Witnesses:

C. G. BETTS,
J. P. GLEASON.