

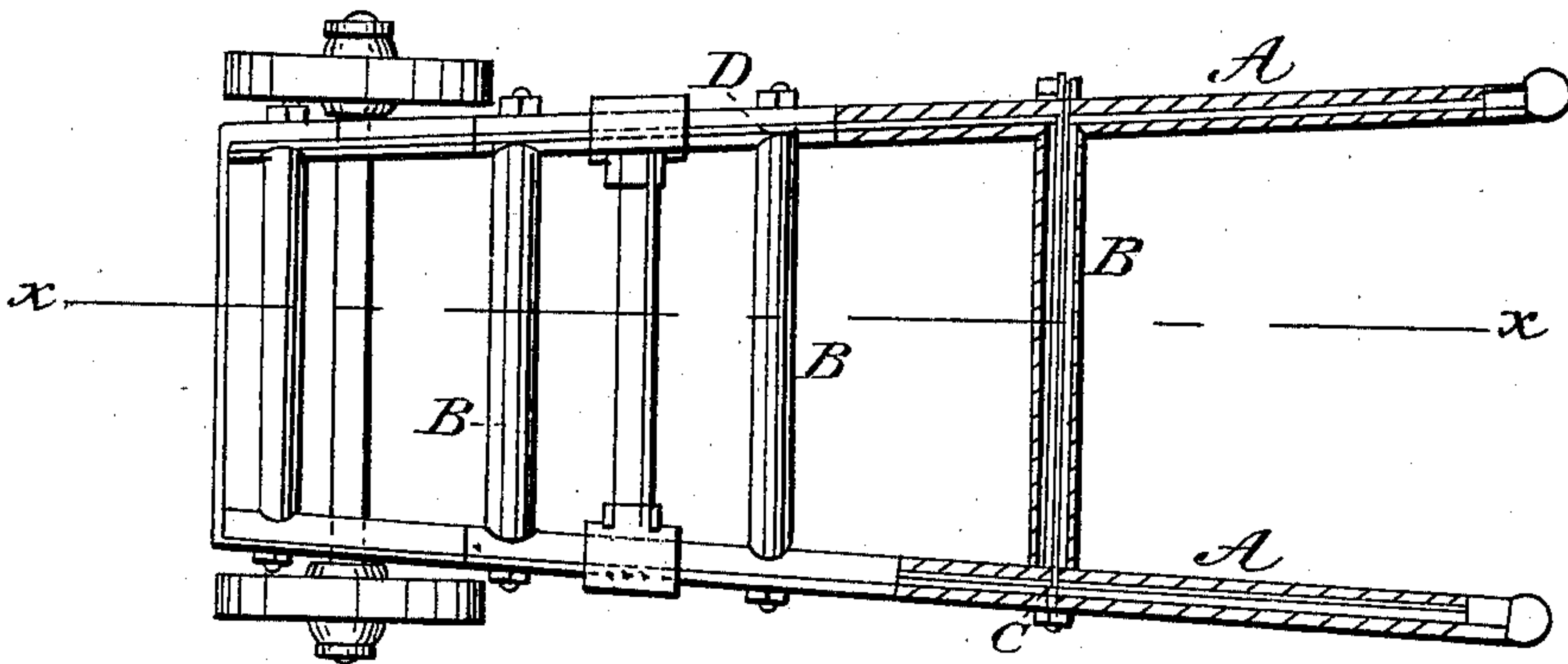
B. W. TUTHILL.

Hand Truck.

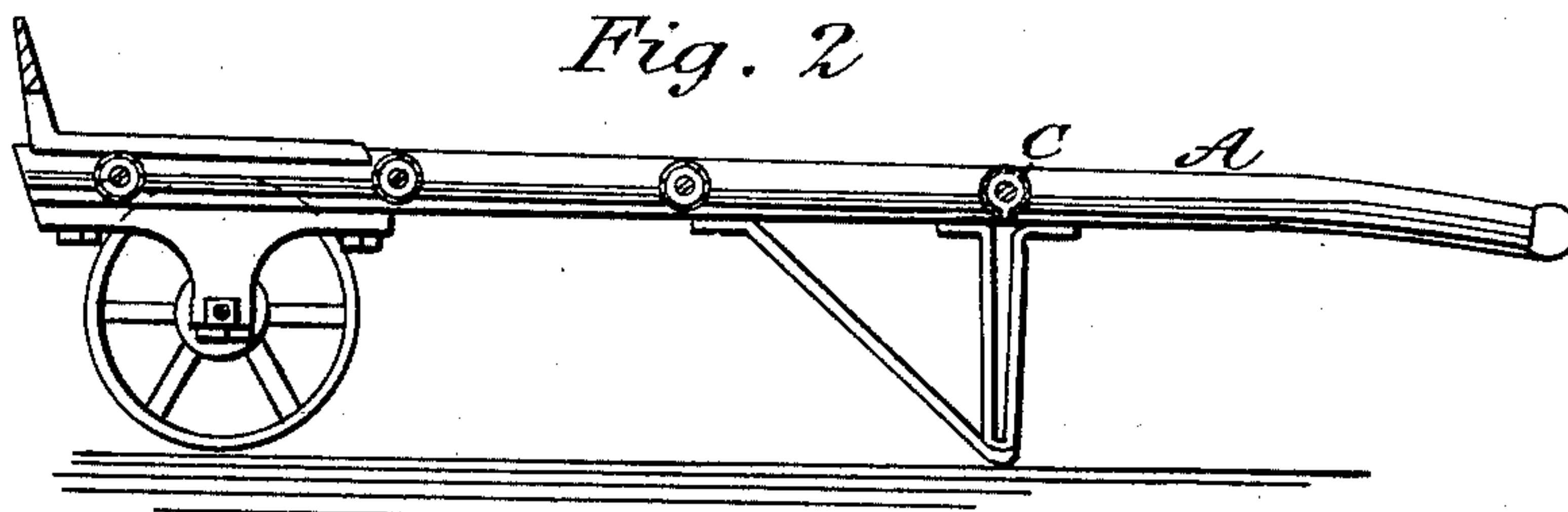
No. 94,673.

Patented Sept 7, 1869.

*Fig. 1*



*Fig. 2*



Witnesses:

*Orinichman*  
*Wm. H. Brooks*

Inventor:

*B. W. Tuthill*

*Wm. H. Brooks*  
Attorneys.

# United States Patent Office.

B. W. TUTHILL, OF OREGON CITY, OREGON.

Letters Patent No. 94,673, dated September 7, 1869.

## IMPROVED HAND-TRUCK.

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, B. W. TUTHILL, of Oregon City, in the county of Clackamas, and State of Oregon, have invented a new and improved Hand-Truck; and I do hereby declare that the following is a full, clear, and exact description thereof, which will enable others skilled in the art to make and use the same, reference being had to the accompanying drawing, forming part of this specification.

The object of this invention is to construct the frame-work of hand-trucks of metal tubes, preferably of gas-tubing, to be joined together in a cheap, simple, and inexpensive way, by which they can be made light, and readily taken apart for repairs.

Figure 1 represents a view, partly in plan and partly in section, of a truck constructed according to my improvements.

Figure 2 represents a longitudinal section of the same.

Similar letters of reference indicate corresponding parts.

I propose to make the side-bars A and transverse bars B of metal tubes, iron, brass, or steel, as preferred, joining them by making the ends of the trans-

verse bars B concave, to fit the curvature of the side-bars, and passing rods C through holes in the side-bars and the bore of the transverse bars, screwing them up by nuts at the ends.

Or, by another plan, I propose to make the side-bars in sections, and join them at the junction of the transverse bars by T-pieces, such as are commonly used in joining gas-pipes, as represented in red at D.

The ends of the side-bars forming the handles may be covered with leather or other substance which will not hurt the hands, and wood knobs E may be inserted in the ends, to prevent the hands from slipping off. In this way hand-trucks may be made cheaper than when made of wood in the common way.

Having thus described my invention,

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

Constructing the framing of hand-trucks of metallic tubes, A B, substantially as herein described.

B. W. TUTHILL.

Witnesses:

WM. WHITTICK,  
W. L. WHITE.