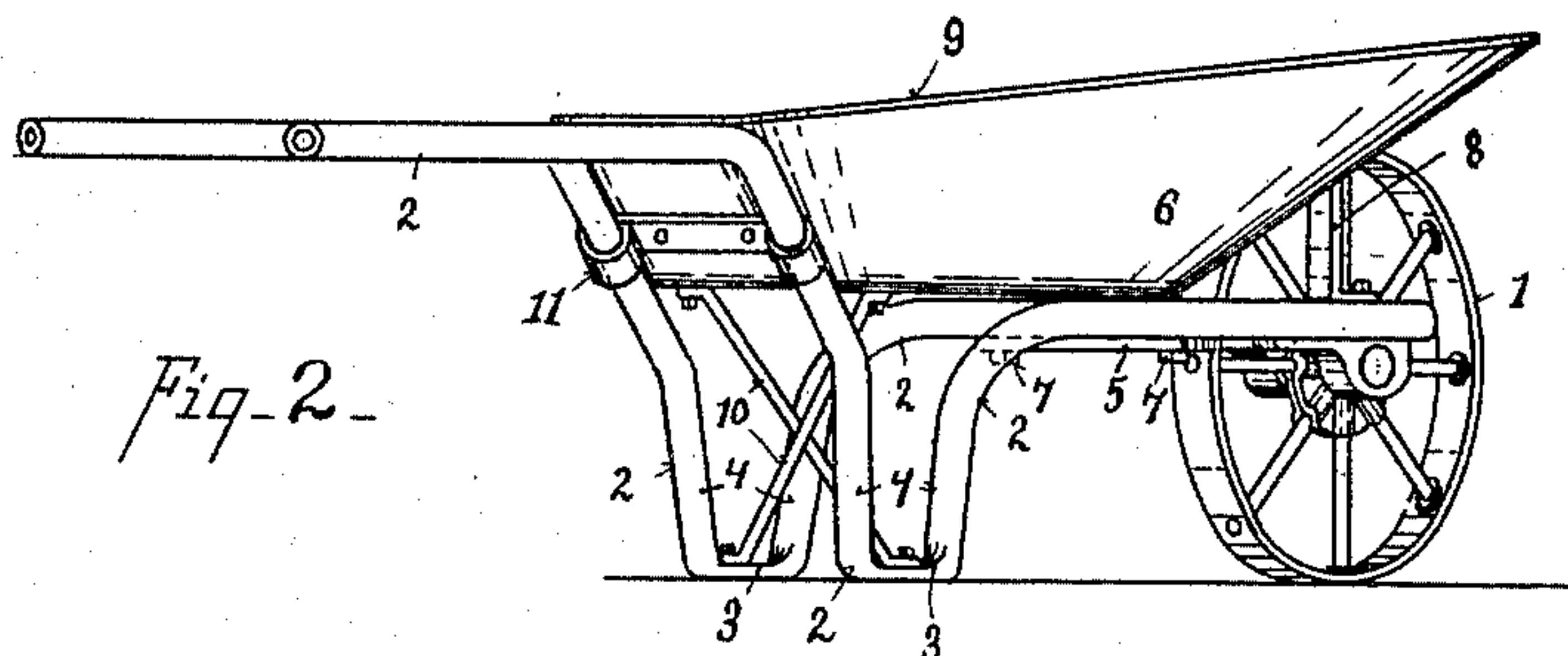
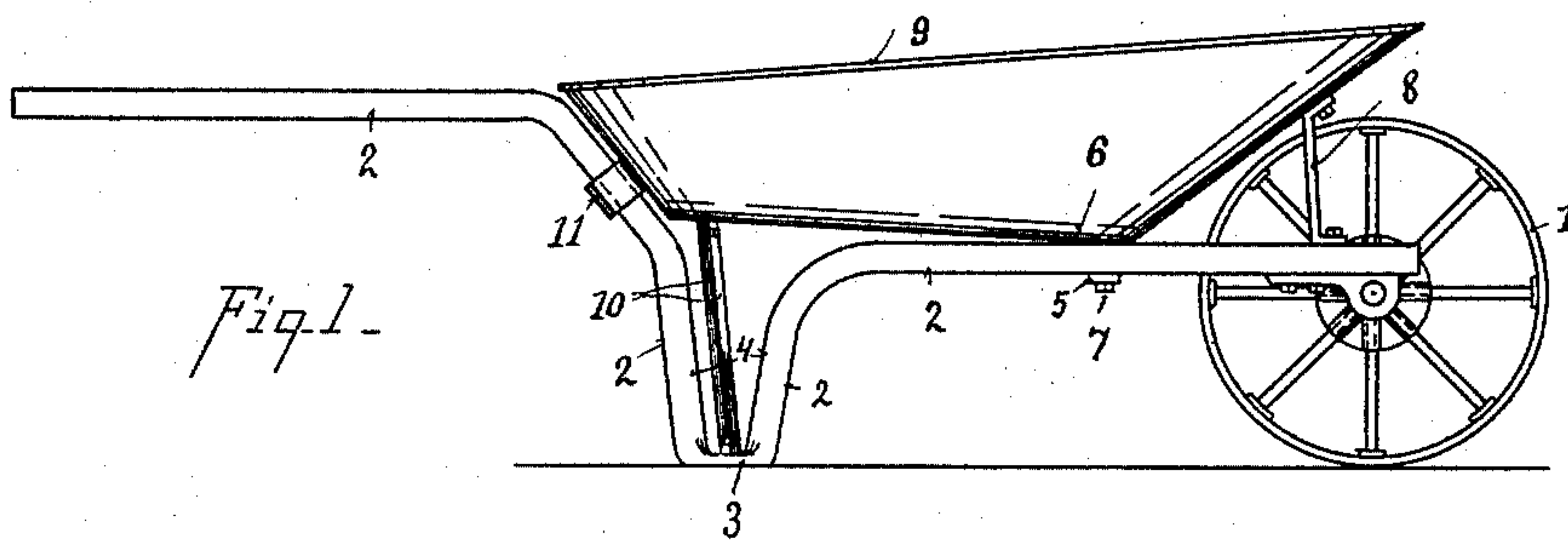


(No Model.)

W. HASLUP.
WHEELBARROW.

No. 442,042.

Patented Dec. 2, 1890.



Witnesses

— C. M. Miles, —

— Geo. Ashton —

Inventor

— William Haslup —

By his Attorneys Wood & Boyd

UNITED STATES PATENT OFFICE.

WILLIAM HASLUP, OF SIDNEY, ASSIGNOR OF ONE-HALF TO J. H. DOERING,
OF WAPAKONETA, OHIO.

WHEELBARROW.

SPECIFICATION forming part of Letters Patent No. 412,042, dated December 2, 1890.

Application filed September 1, 1890. Serial No. 363,691. (No model.)

To all whom it may concern:

Be it known that I, WILLIAM HASLUP, a citizen of the United States, and a resident of Sidney, in the county of Shelby and State of Ohio, have invented certain new and useful Improvements in Wheelbarrows, of which the following is a specification.

The object of my invention is to provide a strong durable wheelbarrow, the features of which will be fully set forth in the description of the accompanying drawings, making a part of this specification, in which—

Figure 1 is a side elevation of my improved wheelbarrow. Fig. 2 is a perspective view of my improvement.

1 represents the ground-wheel; 2, the side legs and arm, formed of gas-pipe bent to the form of the different parts. The pipe is flattened, preferably, to form at 3 a base for the U-shaped legs 4.

5 represents a cross-piece rigidly bolted to the sides, to which the bottom of the barrow 6 is bolted by screw-bolts 7.

8 represents front braces bolted to the legs and to the body at the front end, so as to strengthen and support the same. The body 9 is preferably made of sheet-steel bent to the desired form of tray or body.

10 represents braces the tops of which are bolted to the bottom of the tray or body and

the bottom to the U-shaped legs, thereby forming a strong lateral brace. The X form of bracing the legs to the opposite side of the tray, as shown in Fig. 2, prevents any tendency of the handles to twist in the act of dumping, which is very common in wheelbarrows. It also prevents the tendency of twisting the legs, which serve as a pivot in the act of dumping and receive all the strain.

The handles are stiffened by an additional brace 11, to which the body 9 is likewise bolted at the rear end, thereby forming a very strong but light barrow made of metal, so as to be very durable and adapted for use in foundries, machine-shops, mines, and for other similar purposes.

Having described my invention, what I claim is—

In a wheelbarrow, the sides, legs, and handles formed of gas-pipe and having the legs connected to the tray by diagonally-arranged braces 9 and 10, which cross each other centrally between the legs, substantially as described.

In testimony whereof I have hereunto set my hand.

WILLIAM HASLUP.

Witnesses.

GEORGE B. STERLINE,
J. M. LEIDIGH.