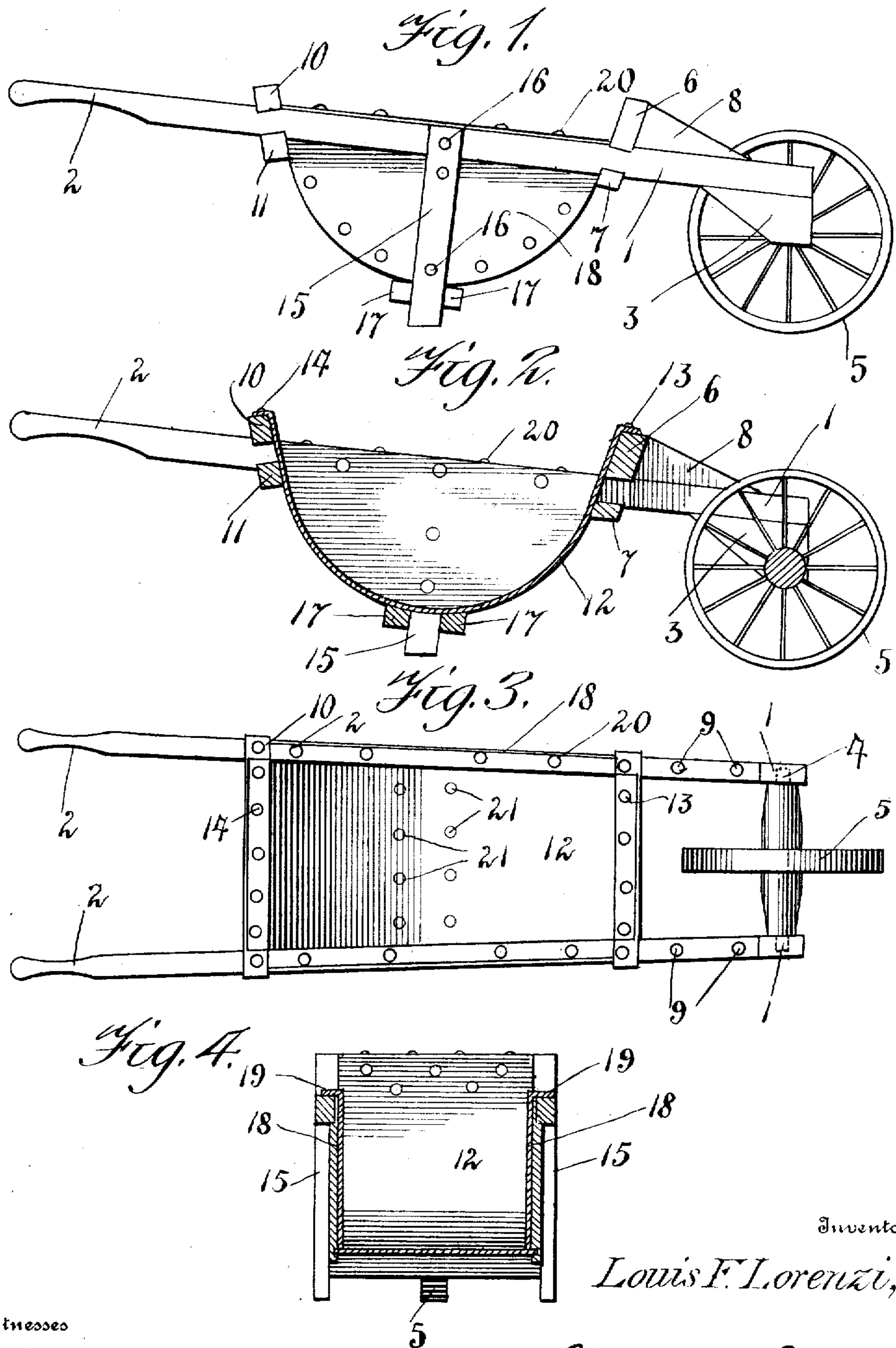


No. 868,462.

PATENTED OCT. 15, 1907.

L. F. LORENZI.
WHEELBARROW.

APPLICATION FILED MAR. 23, 1907.



Inventor

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Witnesses

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LOUIS F. LORENZI, OF BEAVER FALLS, PENNSYLVANIA.

WHEELBARROW.

No. 868,462.

Specification of Letters Patent.

Patented Oct. 15, 1907.

Application filed March 23, 1907. Serial No. 364,099.

To all whom it may concern:

Be it known that I, LOUIS F. LORENZI, a citizen of the United States of America, residing at Beaver Falls, in the county of Beaver and State of Pennsylvania, have invented new and useful Improvements in Wheelbarrows, of which the following is a specification.

This invention relates to wheelbarrows, and one of the principal objects of the same is to provide a wheelbarrow in which the load will assist in properly balancing the barrow upon opposite sides of the wheel.

Another object of the invention is to provide a wheelbarrow which can be quickly discharged of its contents or load without lifting the entire load.

Still another object of the invention is to provide a wheelbarrow which can be used conveniently for carrying liquid substances, mortar or other similar articles.

These and other objects may be attained by means of the construction illustrated in the accompanying drawing, in which:

Figure 1 is a side elevation of a wheelbarrow made in accordance with my invention. Fig. 2 is a longitudinal section through the box portion of the barrow. Fig. 3 is a plan view of the wheelbarrow. Fig. 4 is a transverse section.

Referring to the drawing for a more particular description of my invention, the numerals 1 designate the side bars of the barrow frame which are extended to form suitable handles 2. Secured to the front ends of the side bars 1 are depending brackets 3 in which are journaled the axle 4 of the wheel 5. Extending across on top of the side bars 1 is a cross bar 6, and underneath the side bars 1 is a cross bar 7 near the wheel end of the barrow frame, and braces 8 are secured by bolts 9 to the side bars 1, said braces bearing at their rear ends against the cross bars 6. A cross bar 10 is secured on top of the side bars 1 near the handle ends thereof, and underneath the side bars 1 is a cross bar 11. A curved metal box 12 is secured at its front end by means of suitable fastenings 13 to the cross bar 6,

and to the cross bar 10 by means of suitable fastenings 14. Suitable legs 15 are bolted, as at 16, to the side bars 1 and extend below the bottom of the box 12, and extending across on opposite sides of the legs 15 are cross bars 17. The side members 18 of the box 12 are provided with flanges 19 which extend over the upper edges of the side bars 1 and are connected thereto by suitable fastenings 20, and the cross bars 17 are secured to the box 12 by means of suitable fastenings 21.

From the foregoing it will be obvious that when it is desired to discharge the load from a wheelbarrow made in accordance with my invention, one side of the barrow is tipped upon one of the legs 15 until one of the brackets 3 rests upon the ground without lifting the barrow off the ground excepting upon one side. It will also be obvious that a wheelbarrow made in accordance with my invention will carry sufficient load below the axle line as to properly balance the barrow without care on the part of the operator.

My invention is of simple construction, can be made at comparatively slight cost, and will carry liquid substances or mortar to advantage owing to the formation of the box 12.

Having thus described the invention, what I claim is:

1. A wheelbarrow comprising side bars, depending brackets secured to the side bars, a wheel journaled in said brackets, cross bars connecting the side bars, legs secured to the side bars, a curved box secured to the cross bars, the ends of said box being secured to the legs and at their upper edges to the side bars, said side bars being extended to form handles for the barrow.

2. In a wheelbarrow, a box consisting of a curved longitudinal box member and side members, said side members being secured to the legs of the barrow, and cross bars, one at each side of the legs, said curved member being secured to said cross bars, substantially as described.

In testimony whereof, I affix my signature in presence of two witnesses.

LOUIS F. LORENZI.

Witnesses:

FRANK ABBIATY,
J. H. SHUSTER.