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A technical drawing of a mechanical device, possibly a pump or a lifting mechanism. The device features a large wheel (7) on the left, connected to a horizontal shaft (3). A handle (1) is attached to the shaft, and a curved arm (2) is also connected. A vertical support (9) is positioned in the center. Various components are labeled with numbers: 1 (handle), 2 (curved arm), 3 (shaft), 4 (a small component on the shaft), 5 (a bracket or support), 6 (a small component on the bracket), 7 (the large wheel), 8 (a curved arm on the right), and 9 (the vertical support). The letter 'a' is also present near the wheel.

Fig. 2 is a perspective view of the device from the opposite side. It shows the internal structure, including the curved support members (1, 2), the central vertical member (3), and the horizontal members (4, 5, 6, 7, 8, 9, 10). The components are arranged symmetrically, with the central vertical member (3) and the horizontal members (4, 5, 6, 7, 8, 9, 10) forming the main frame. The curved support members (1, 2) are positioned at the ends. The device is shown in a perspective view, highlighting its three-dimensional structure.

Fig. 3. A perspective view of the upper part of the device, showing the funnel-shaped structure with labels 2, 3, 5, 10, and 11.

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WHEELBARROW.

936,968.

Specification of Letters Patent.

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To all whom it may concern:

Be it known that I, LOUIS WIGH, a subject of the Emperor of Austria-Hungary, residing at Philadelphia, in the county of Philadelphia 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 means whereby the major part of the load to be carried will be disposed above the wheel when in operation, thus rendering the wheelbarrow more easily operated.

Another object of the invention is to provide a wheelbarrow with outwardly flaring detachable sides and oppositely flaring front and back members and a detachable bottom whereby the wheelbarrow is given an increased capacity, and the parts may be readily removed for repairs and for shipment.

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 bottom plan view of the same. Fig. 3 is a transverse sectional view. Fig. 4 is a detail section illustrating the manner of connecting the sides and ends.

Referring to the drawing, the numeral 1 designates the front, 2 the back and 3 the sides. The front and back are each provided with a curved upper edge 4 and converging side edges. Each of said members is provided with outwardly projecting lugs 5 provided with spaced apertures. The sides 3 are each provided with a slot through which the lugs 5 project, and in order to hold the sides firmly in place pins or wedges 6 are driven through the lugs and bear firmly against the sides 3. The wheel *a* is journaled in metal bearings 7 secured underneath the front ends of said sides, and the handles 8 are formed integral with the sides,

as shown. Legs 9 are secured, one to each side, to support the barrow when not in use. The bottom 10 is provided with beveled edges 11 to fit against the sides 3, said bottom being readily removable from the barrow.

From the foregoing it will be obvious that a wheelbarrow made in accordance with my invention will sustain the major part of the load above and slightly at the rear of the wheel *a* when the handles are lifted to propel the barrow.

My wheelbarrow is comparatively short, and for this reason much of the load is thrown forward. The flaring sides and ends give considerable capacity to the wheelbarrow, and owing to the fact that the sides and ends are readily removable, the wheelbarrow may be quickly repaired and may be packed within a small compass for shipping.

I claim:—

1. A wheelbarrow comprising a box consisting of end members inclined one toward the other, side members detachably connected to the end members and inclining one toward the other, a wheel journaled to the side members, handles formed on the side members, and a detachable bottom supported by the side and end members.

2. A wheelbarrow comprising inclined end members provided with extending lugs, inclined side members provided with slots through which said lugs extend, removable keys for securing said sides in place, a wheel journaled between the front ends of the sides, legs secured to the rear portion of said sides, handles formed on the rear ends of said sides, and a removable bottom resting on the lower edges of the sides and ends.

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

LOUIS WIGH.

Witnesses:

JULIUS A. BACHER,
WILLIAM R. EVANS.