GEORGE H. KANMACHER.

Improvement in Dumping-Wheelbarrows.

No. 127,065. Patented May 21, 1872.

Fig. 1.

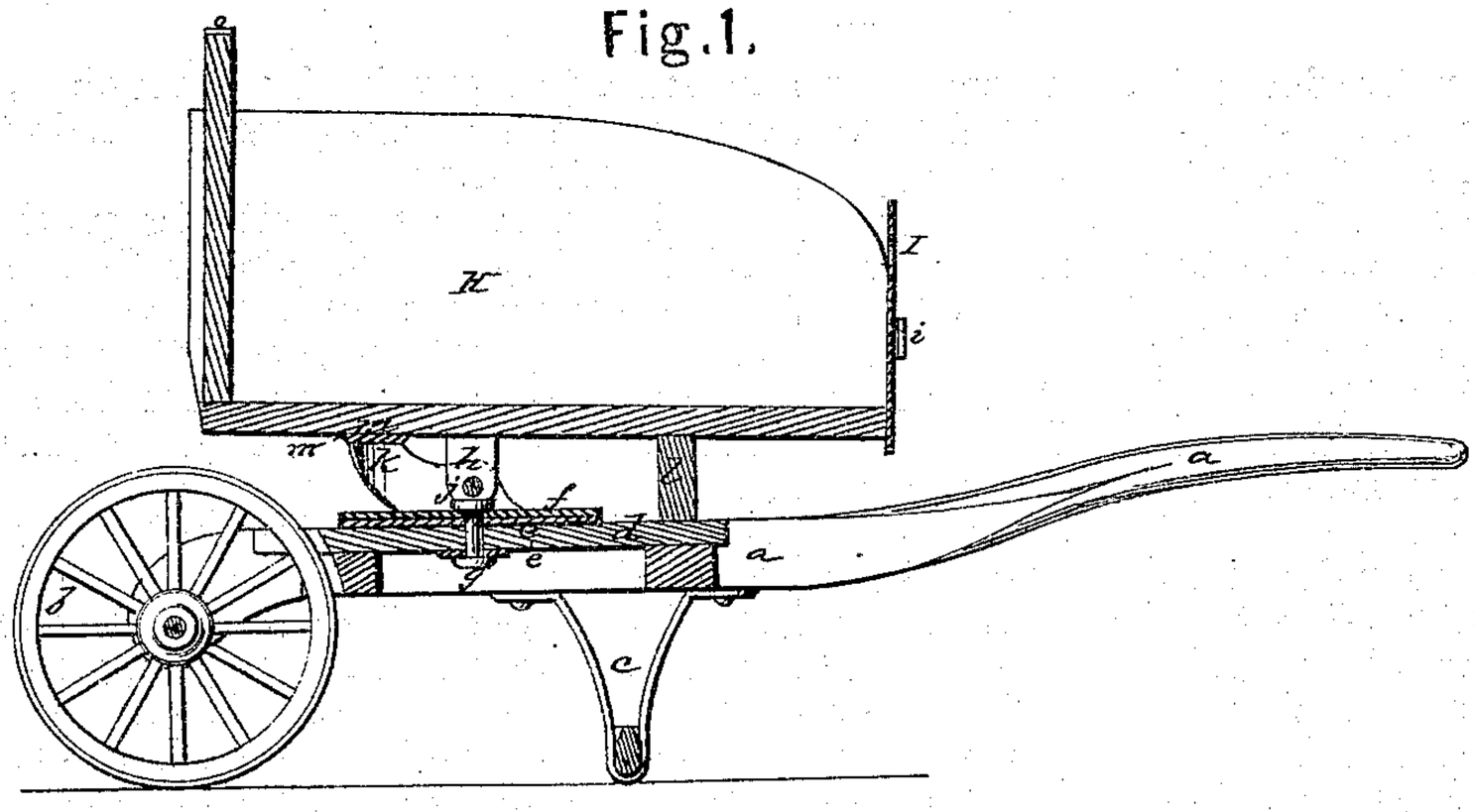


Fig. 2.

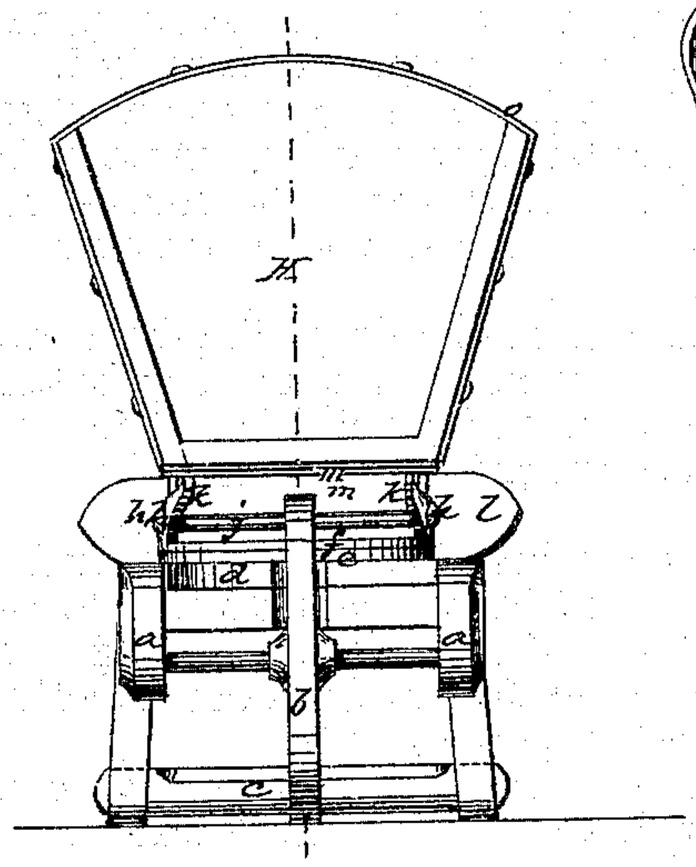
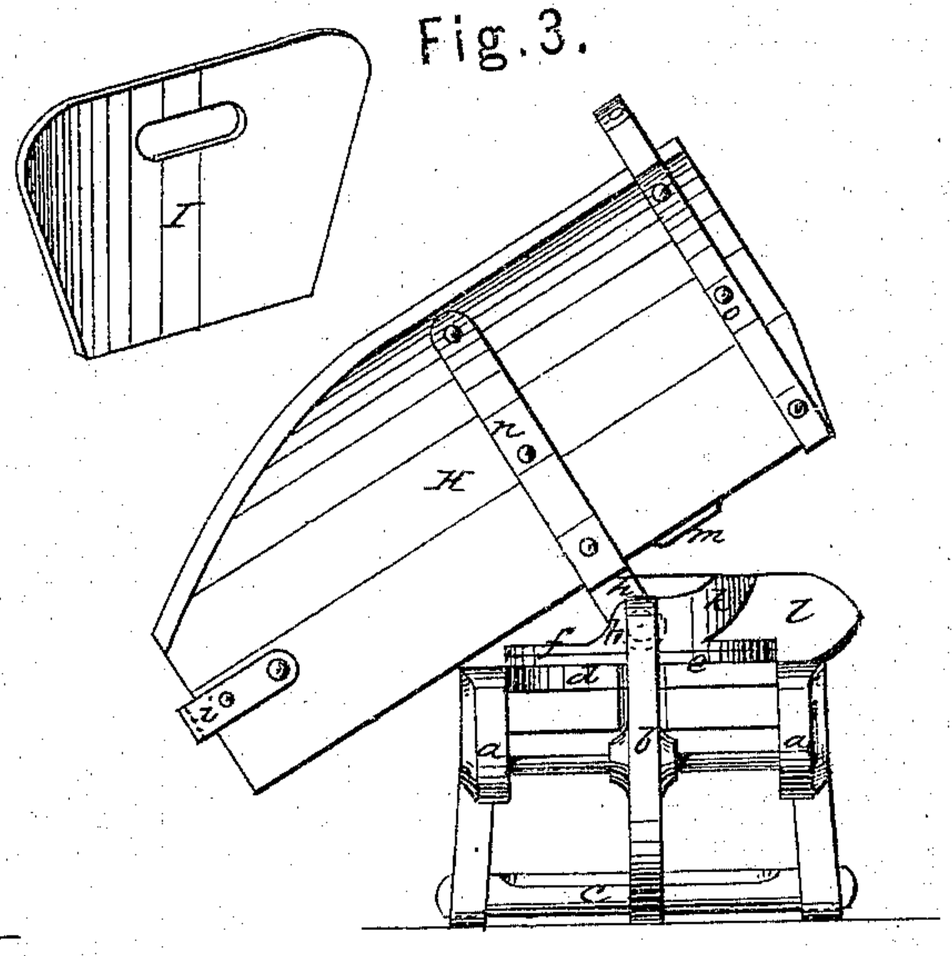


Fig. 3.



Witnesses.

Jas. L. Ewin

Walter Allen

Inventor.

Geo. H. Kanmacher

By Knight Bros

Attorneys

127,065

UNITED STATES PATENT OFFICE.

GEORGE HENRY KANMACHER, OF CHICAGO, ILLINOIS.

IMPROVEMENT IN DUMPING WHEELBARROWS.

Specification forming part of Letters Patent No. 127,065, dated May 21, 1872.

Specification describing an Improvement in Masons' Hods, invented by GEORGE HENRY KANMACHER, of Chicago, in the county of Cook and State of Illinois.

The invention consists in the arrangement of a hod on a wheelbarrow-truck, to facilitate transporting and handling the same; the hod being adapted to rotate and dump in discharging its load, and otherwise peculiarly constructed and furnished, substantially as hereinafter set forth.

In the accompanying drawing, Figure 1 is a vertical longitudinal section of the improved hod or hod-barrow. Fig. 2 is a front elevation of the same in normal condition. Fig. 3 is a similar view with the hod turned and dumped, the withdrawn end-gate being shown in perspective.

a a represent the frame and handles, *b* the wheel, and *c* the prop of a wheelbarrow-truck, which may be of any suitable construction. H represents the hod proper, which may also be of any approved form and make. It is preferably arranged to rest in horizontal position, and furnished at its open end with a removable gate, I, held by clips *i* or their equivalent. In size it may be made of about three times the capacity of the ordinary shoulder-hod. *d* represents a platform, applied to the top of the frame *a;* and *e f* the disks, and *g* the king-bolt, of a turn-table mounted thereon. *h h* represent lugs, and *j* a pintle attaching the hod H to the movable disk *f* of the turn-table; and *k l*, supports for the ends of the hod when in normal position; the former being projections from the disk *f*, so as to preserve their relation to the hod. These serve to support the close end of the hod, which is placed in front; and the stationary bar *l* supports the rear and open end while the hod is being filled and transported.

To discharge the load the open end is turned to either side, the end gate I withdrawn, and the hod dumped, as illustrated in Fig. 3; this being permitted by the movement of the open end of the hod from over its support *l*. The projections *k* still sustain the close end. No fastenings of any kind are required, as the gravity of the load may serve to hold the hod in normal position.

The turn-table *e f g*, with its projections *k* and the hinge *h j*, may be made of suitable metal—wrought or cast iron. *m* represents a plate to receive the impact of the metallic projections *k*, and *n o* the usual metallic strengthening-straps, the former supporting the hinge-lugs.

The hod-barrow is designed to take the place of the ordinary shoulder-hod. Some of the advantages of the construction over these are three-fold capacity per man, and adaptation to the lower classes of laborers. Its advantages over common wheelbarrows are, special adaptation to retain and deliver mortar without waste, and ease and quickness of unloading and dumping.

What is claimed as new herein is—

1. A mason's hod or hod-barrow, composed of a wheelbarrow-truck and a hod mounted thereon and pivoted so as to dump, substantially as herein shown and described.

3. The turn-table *e f g*, in combination with the wheelbarrow-truck, and pivoted hod for permitting the latter to be rotated so as to discharge at either side, substantially as set forth.

3. The stationary supporting-bar *l*, arranged substantially as shown, in combination with the swiveled and pivoted hod H for supporting the open end of the same while in normal position.

4. In combination with the swiveled and pivoted hod H, the projections *k* to support the close end of the same, arranged on the turn-table so as to maintain an effective relative position, as set forth.

5. The removable end-gate I, in combination with the pivoted hod H, as and for the purpose specified.

GEORGE HENRY KANMACHER.

Witnesses:

CHAS. E. BURR, Jr.,

CHAS. R. HAYDEN.