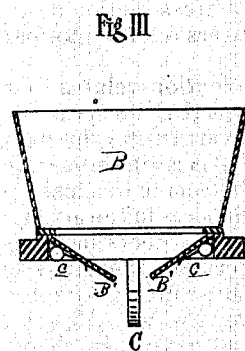
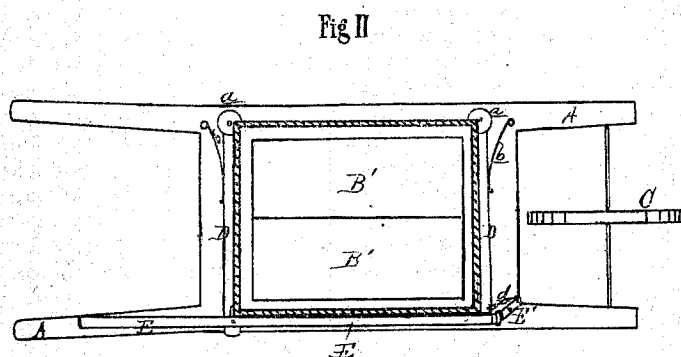
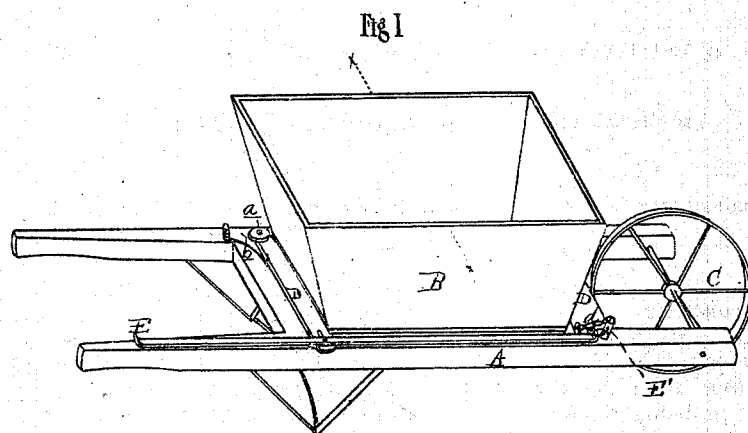


J. B. SCHNEIDER.
Wheelbarrows.

No. 139,823.

Patented June 10, 1873.



Attest
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UNITED STATES PATENT OFFICE.

JOHN B. SCHNEIDER, OF KANKAKEE, ILLINOIS.

IMPROVEMENT IN WHEELBARROWS.

Specification forming part of Letters Patent No. **139,823**, dated June 10, 1873; application filed April 10, 1873.

To all whom it may concern:

Be it known that I, JOHN B. SCHNEIDER, of Kankakee, in the county of Kankakee and State of Illinois, have invented a new and useful Improvement in Wheelbarrows; and I do declare that the following is a true and accurate description thereof, reference being had to the accompanying drawings and to the letters of reference marked thereon, and being a part of this specification, in which—

Figure 1 is a perspective view of my improved barrow. Fig. 2 is a sectional plan. Fig. 3 is a cross-section at *xx* in Fig. 1.

Like letters refer to like parts in the several figures.

This invention relates to a wheelbarrow so constructed that its contents may be dumped without overturning the barrow for that purpose, and to certain self-acting bolts which sustain the bottom in its closed position. The invention consists in the arrangement of devices for closing the doors in the bottom of the barrow and securing them in their closed position.

In the drawing, *A A* represent the side bars of a barrow, which support a hopper-shaped box, *B*, and have the axle of a wheel, *C*, journaled between their front ends. *B' B'* are two doors hinged to the bars *A* to open downwardly, and form the bottom of the box *B*. *D D* are two bars or bolts, each hinged at *a* to one of the side bars, the one just in front and the other just behind the end of the box, which is cut away to let the said bolts swing under it, and under the ends of the doors also, the free ends of said bolts extending to and

resting upon the opposite side bar, and thus supporting the doors. The bolts are swung under the doors by leaf-springs *b* acting on each, while a strong coiled spring, *c*, secured to the inner face of each side bar, throws up the doors when the load is dumped. *E* is a rod lying on the right side-bar, pivoted to the near bolt *D*, and to a short lever, *E'*, pivoted on the fore-girt of the frame, the other end of which lever is connected, by a link, *d*, to the front bolt. When it is desired to dump the loaded barrow the user draws the rod *E*, which draws the bolts away from underneath the doors, which at once open and discharge the load, when the springs *c c* immediately close the doors again. The attendant now releases the rod, when the springs *b b* swing the bolts under the ends of the doors and secure them.

Inasmuch as this barrow has not to be racked and strained in dumping it, by overturning it with its load, it can be made much lighter than the ordinary barrow, and yet be as durable, while it is also much easier and more convenient to manage.

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

In combination with the side bars *A* and hopper *B*, the doors *B' B'* hinged to the side bars, bolts *D D*, rod *E*, lever *E'*, link *d*, and springs *b b c c*, substantially as and for the purpose set forth.

J. B. SCHNEIDER.

Witnesses:

AUG. HEYERMANN,
N. RIVARD.