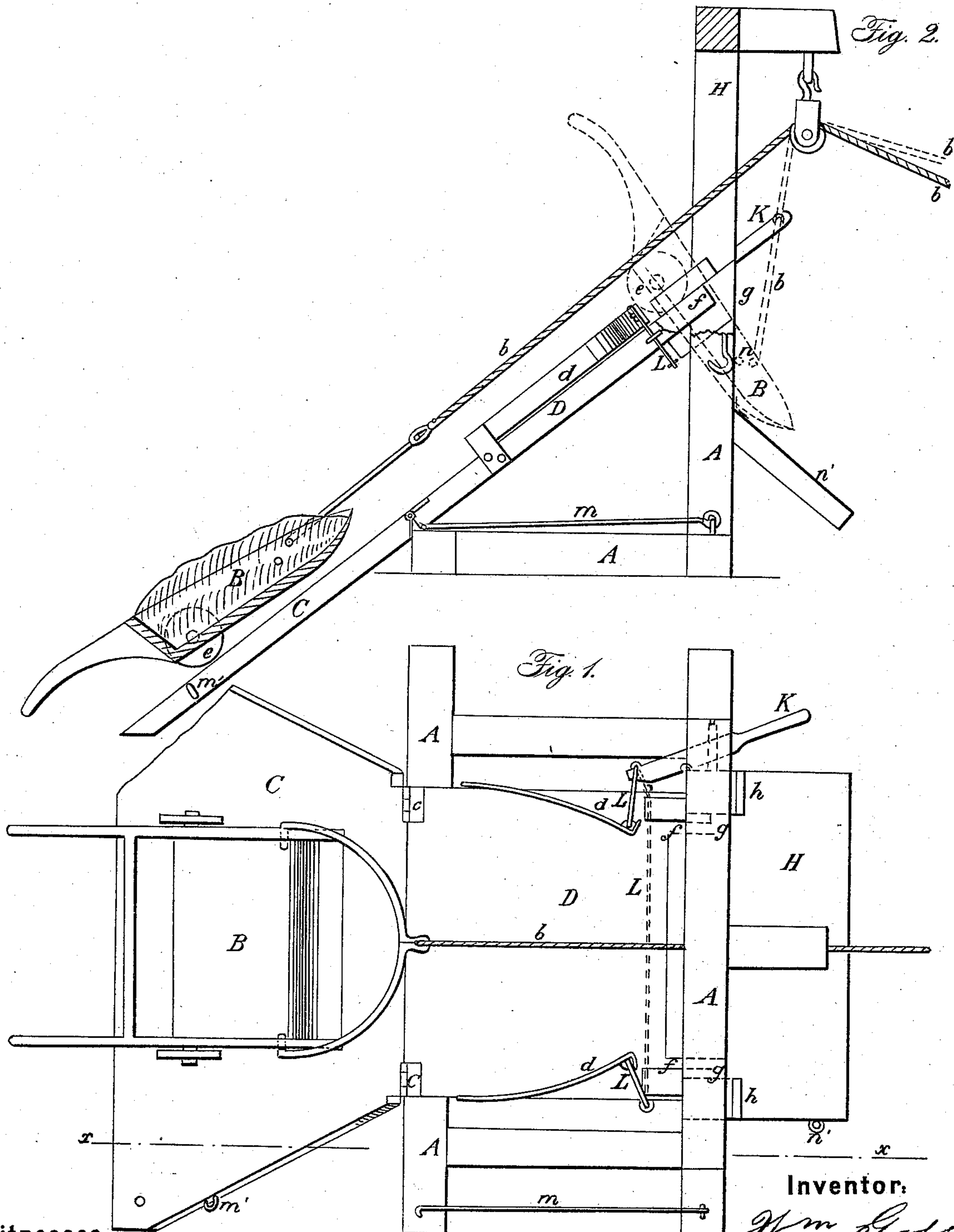


W. GOFF.  
Dumping-Wagon.

No. 70,196.

Patented Oct. 29, 1867



Witnesses:

J. H. Fische.  
Wm. Trewin

Inventor:

Wm. Goff  
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# United States Patent Office.

WILLIAM GOFF, OF BIG FLATS, NEW YORK.

*Letters Patent No. 70,196, dated October 29, 1867.*

## IMPROVEMENT IN PORTABLE DUMPING AND LOADING MACHINE.

The Schedule referred to in these Letters Patent and making part of the same.

### TO ALL WHOM IT MAY CONCERN:

Be it known that I, WILLIAM GOFF, of Big Flats, in the county of Chemung, and State of New York, have invented a new and improved Portable Dumping and Loading Machine; and I do hereby declare that the following is a full, clear, and exact description thereof, which will enable others skilled in the art to make and use the same, reference being had to the accompanying drawings, forming part of this specification.

This invention relates to an improved portable dumping and loading machine, and consists in a self-adjusting dump and frame furnished with folding aprons, the whole capable of being readily transported in a wagon and be got ready for use in a few seconds. In the accompanying drawings—

Figure 1 is a top view of my improved portable dumping and loading machine, showing the aprons extended, and

Figure 2 is a side elevation thereof at line *x x*.

Similar letters of reference indicate like parts.

A A is the framework in which the parts of my improved device are disposed; B, the dirt-barrow drawn by the rope *b* up the apron C, hinged at *c*, on which, or at foot whereof, the dirt or gravel to be dumped may be lying, and up the incline D, between the spring-guides *d*. The incline D may be dispensed with, and guide-tracks substituted, in which the wheels of the barrow run, the spring-guides *d* being attached to the sides of the track. As the barrow ascends the incline or substituted track, the spring-guides open to allow the rollers *e* to pass between them, but fly back and lock the wheels, preventing the return of the barrow the instant the wheels pass the top of the guides; the wheels of the barrow then rest on the track formed by the extension of the edges *f* of the incline D, and by the rests or brackets *g* the rope *b* is then slacked, and the dirt or gravel contained in the barrow B is dumped down the hinged apron H hinged at *h*. The rope *b* is now hauled upon, lifting up the barrow, lever K drawn towards the frame, operating to open the guides *d* by the system of levers L, and the rope *b* being slackened, the barrow B rolls down incline D. For transport the aprons C and H are folded on their hinges. C is held in place by rod *m* in eye *m'*, and H by hook *n* in eye *n'*.

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

1. The spring-guides *d*, operated by lever K and system of levers L, substantially as described, in combination with an incline or inclined track D and rests *f*, and their respective equivalents, substantially as herein shown and described.
2. The folding apron C, hinged at *c*, in combination with a device for dumping and loading, substantially as above set forth and described.
3. The folding apron H, hinged at *h*, also in combination with a device for dumping and loading, substantially as above set forth and described.

Witnesses:

S. G. HUY,  
M. C. BENNETT.

WILLIAM GOFF.