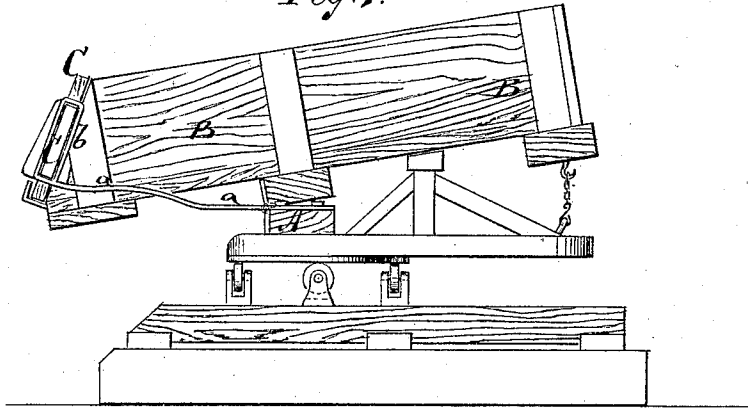


S. D. KING.  
Dumping Car.

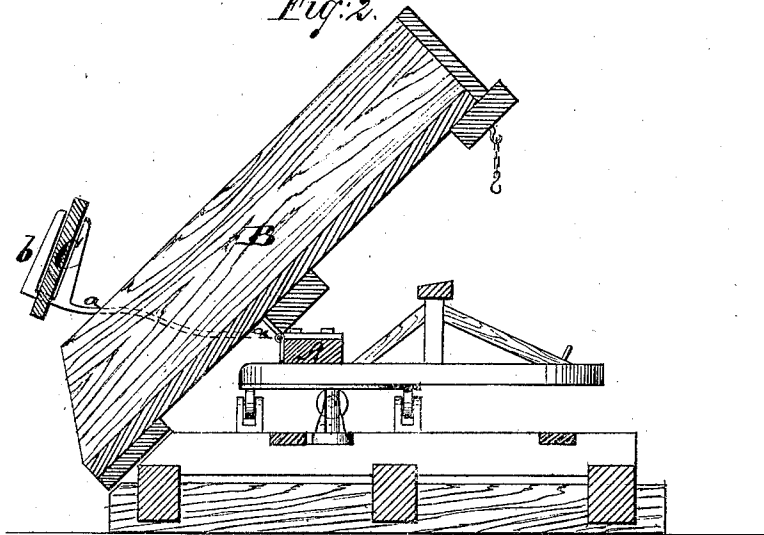
No: 109,020.

Patented Nov. 8, 1870.

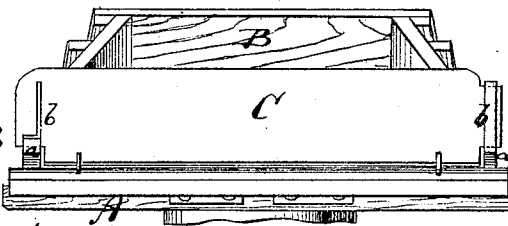
*Fig: 1.*



*Fig: 2.*



*Fig: 3.*



Witnesses:

*G. Baettig*  
*L. S. Halsey*

Inventor:

*S. D. King*  
PER  
*Munroe*  
Attorneys.

# United States Patent Office.

SIDNEY D. KING, OF MIDDLETOWN, NEW YORK, ASSIGNOR TO HIMSELF  
AND JAMES M. WELCH, OF BRADFORD, PENNSYLVANIA.

Letters Patent No. 109,020, dated November 8, 1870.

## IMPROVEMENT IN DUMPING-CARS.

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, SIDNEY D. KING, of Middletown, in the county of Orange and State of New York, have invented a new and useful Improvement in Dumping-Cars and Carts; 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 drawing forming part of this specification, in which—

Figure 1 represents a side elevation of my improved dumping-car.

Figure 2 is a longitudinal section of the same, showing it dumped.

Figure 3 is a front elevation of the same.

Similar letters of reference indicate corresponding parts.

The object of this invention is to so construct a dumping-car or cart that the tail-board need not be taken off for every operation of dumping, but may be removed when required.

The invention consists in the use of arms which project from the bolster or other portion of the stationary supporting frame, and which serve to hold the tail-board and to sustain the same in the original position while the box is being dumped.

A in the drawing represents the bolster or frame, which supports the hinged or swinging box B of a dumping-car or cart.

From the bolster project arms *a a* or bars made of wood or metal and provided with loops or claws, *b b*, at their back ends.

C is the tail-board for the box B. Its ends rest in the eyes or claws *b* of the arms *a*.

When the box is dumped, as in fig. 2, the tail-board will be retained in its original position, the contents of the box leaving the same below the tail-board.

The latter is, however, so secured in the arms *a* that it can be removed when desired, to let out large stumps or blocks.

I do not confine myself to nor claim any particular construction of frame, box, or tail-board, nor even of the arms *a*; but

Having thus described my invention,

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

A dumping-car or cart, provided with arms *a*, which sustain the tail-board, holding the same up while the box is being dumped, substantially as herein shown and described.

The above specification of my invention signed by me this 22d day of September, 1870.

SIDNEY D. KING.

Witnesses:

GEO. W. MABEE,  
ALEX. F. ROBERTS.