

M. GOODWIN.
Floating Dumping-Platform.

No. 228,058.

Patented May 25, 1880.

Fig. 1.

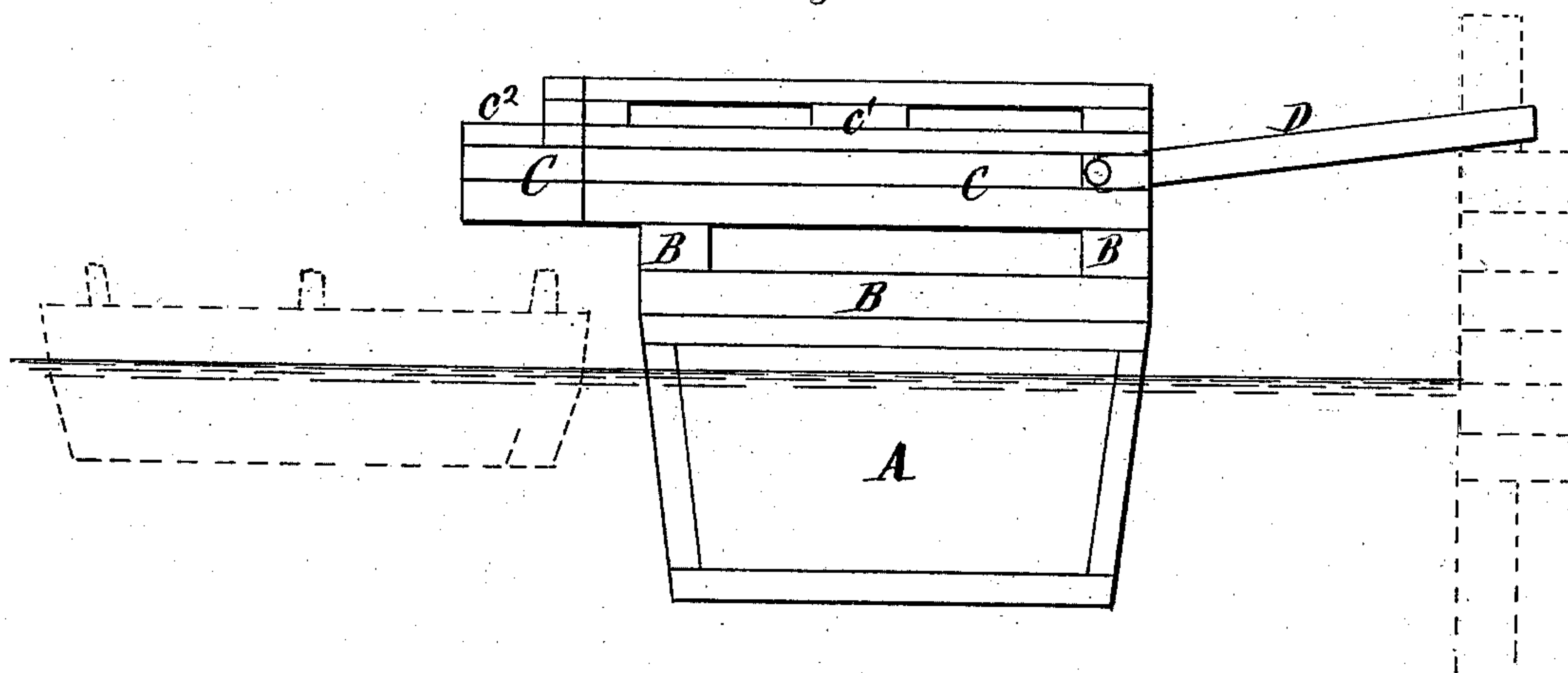
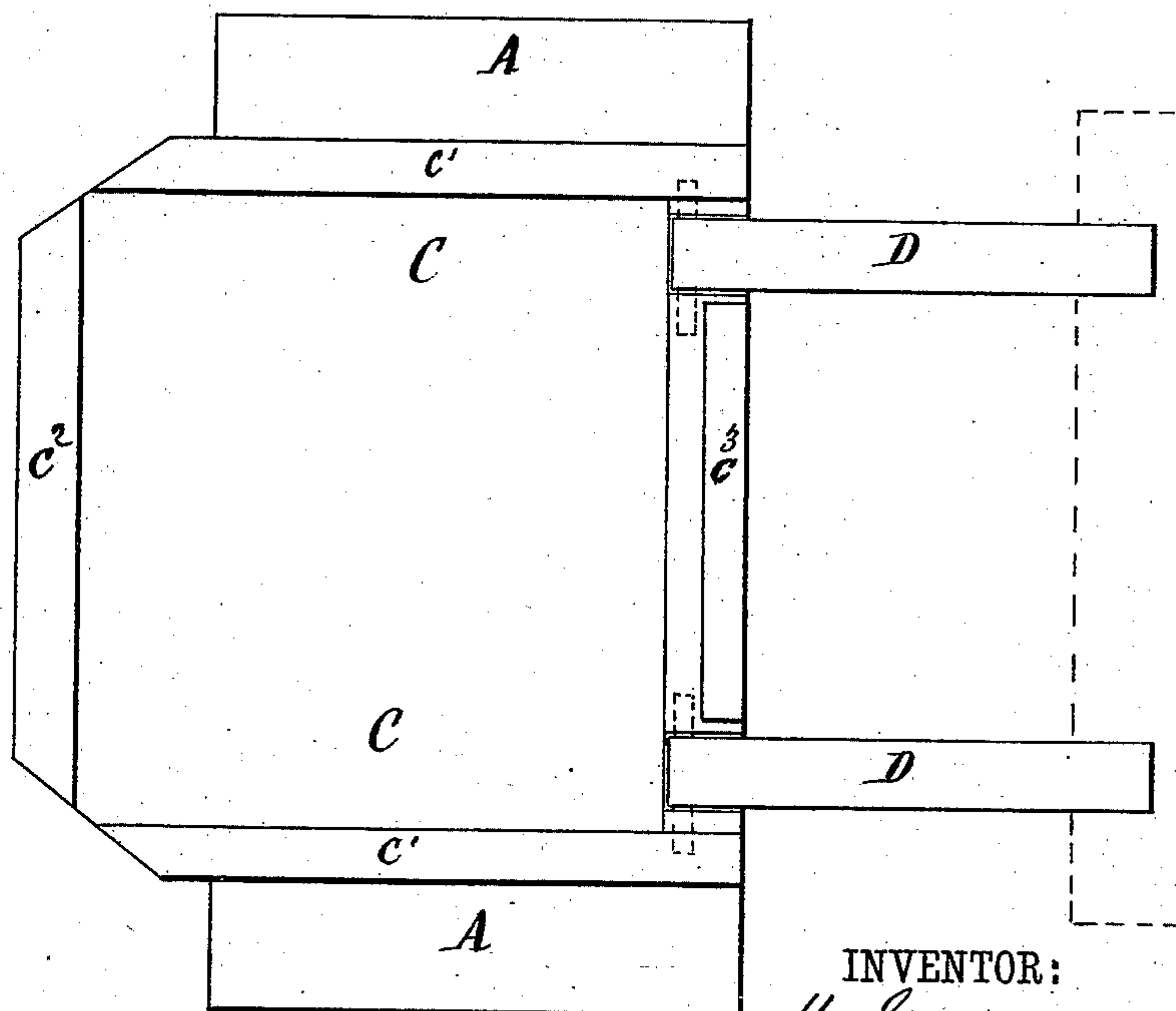


Fig. 2.



WITNESSES:

Henry N. Miller
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INVENTOR:

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UNITED STATES PATENT OFFICE.

MARK GOODWIN, OF NEW YORK, N. Y., ASSIGNOR OF ONE HALF OF HIS
RIGHT TO WILLIAM D. TRACY, OF SAME PLACE.

FLOATING DUMPING-PLATFORM.

SPECIFICATION forming part of Letters Patent No. 228,058, dated May 25, 1880.

Application filed June 23, 1879.

To all whom it may concern:

Be it known that I, MARK GOODWIN, of the city, county, and State of New York, have invented a new and useful Improvement in Floating Dumping-Platforms, of which the following is a specification.

Figure 1 is a side view of my improved platform. Fig. 2 is a top view of the same.

Similar letters of reference indicate corresponding parts.

The object of this invention is to furnish an improved dumping-platform which shall be so constructed that it may be readily taken from one pier to another, as may be required, and which shall be simple in construction and convenient in use.

The invention consists in a scow or float provided with a frame, and a platform having its forward side projecting, and provided with the stop-timber, the guard-railings, and one or more hinged bridges to adapt it to be placed at the side of a pier for use in dumping the loads of carts into a receiving-vessel, as hereinafter fully described.

A represents a scow or other floating structure, upon which is built and to which is attached a frame, B. To the frame B is secured the platform C, which is provided with guard-railings c' at its sides, a stop-timber, c^2 , at its front for the cart-wheels to back against when dumping the loads, and a guard-railing, c^3 , at its rear side, between the gangways. To the platform C, at its gangways, near the ends of its rear side, are hinged the inner ends of the bridges D, the outer ends of which rest upon the pier. The bridges D are hinged to the platform C by round cross-pieces

attached to them, and which work in sockets or bearings in the timbers of the said platform C. The front of the platform C projects, so that carts may dump their loads into the middle part of the dirt-scow or other receiving-vessel.

With this construction the floating platform can be readily moved from one pier to another, as convenience may require. This construction allows any pier to be used as a dumping-pier without its being necessary to permanently erect any structure upon the said pier, and leaving it wholly uninjured when the dumping-platform is removed to another place.

In using the platform the scow or float A is secured to the pier, and the bridges D are arranged upon it. The carts to be unloaded are driven over one of the bridges D to the platform C, are turned around and backed up against the stop-timber c^2 , their loads are dumped into the receiving-vessel, and they are driven off over one of the bridges D.

One or more bridges D may be used, as may be desired or convenient, or as the amount of dumping to be done may require.

Having thus described my invention, I claim as new and desire to secure by Letters Patent—

A float provided with frame B and platform C c' c^2 c^3 , in combination with the hinged bridges D, adapted to be extended to piers, as shown and described.

MARK GOODWIN.

Witnesses:

JAMES T. GRAHAM,
C. SEDGWICK.