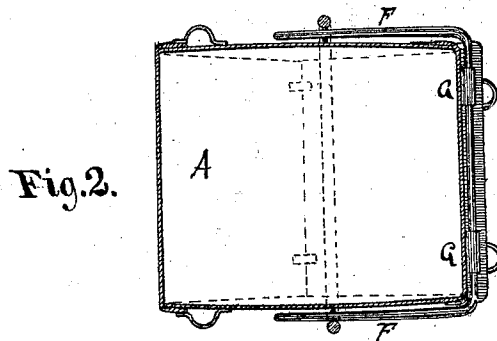
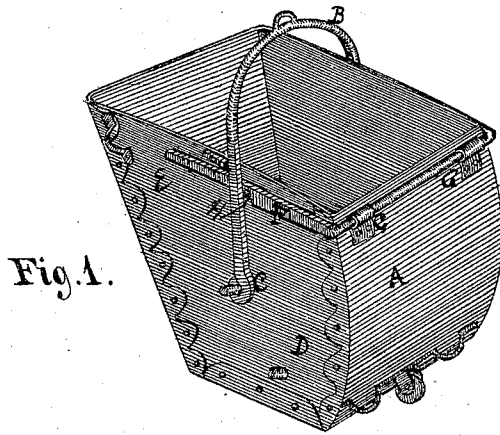


P. K. DEDERICK.

Improvement in Tubs for Handling Coal.

No. 130,571.

Patented Aug. 20, 1872.



Witnesses. { David De Siere
P. K. Dederick

P. K. Dederick
Inventor.
Albany, N.Y.

UNITED STATES PATENT OFFICE.

PETER K. DEDERICK, OF ALBANY, NEW YORK.

IMPROVEMENT IN TUBS FOR HANDLING COAL.

Specification forming part of Letters Patent No. 130,571, dated August 20, 1872.

Specification describing certain Improvements in Iron Tubs, invented by PETER K. DEDERICK, of Albany, in the county of Albany and State of New York.

My invention consists in so constructing and connecting the latches of a tub that any movement of the one latch will be communicated to the other on the opposite side of the tub.

In the accompanying drawing, Figure 1 represents a tub, with latch, &c., complete. Fig. 2 is a top view of the latch complete.

In Fig. 1, A is the body or tub, which is of scoop form. B is the bale from which the tub is suspended, and attached at such point, as at C, so that the greatest weight of the tub, when empty, is in the direction of D. Thus its own weight will always keep it in upright position. But when filled with any material the greatest weight will be on the opposite side of the bale—say at the point E—hence, when filled, will discharge or dump itself as soon as detached, after which the weight of the tub will immediately bring it into upright position again. In Figs. 1 and 2, F is the latch which extends around the tub and is hinged at the back, as shown at G G, and provided with recesses or

hooks H, which by their own gravity fall over lugs or shoulders on the bale when the tub resumes its upright position after being dumped.

We do not claim any improvement in the form of the tub, which is of the scoop form, nor do we claim the self-dumping or operating latch as new when singly constructed; but the novelty consists in so connecting the latches on both sides of the tub so as to be operated as one, and the tub dumped from either side, instead of being compelled to turn the tub to reach the latch.

Having thus described my invention, I claim—

The latches FF, connected and secured to the tub A, and adjusted to the bale B at both sides of the tub.

In testimony whereof I have signed my name to this specification before two subscribing witnesses.

P. K. DEDERICK.

Witnesses:

A. M. DEDERICK,
JAMES RORABACK.