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63 William St., New York,

11 hay. 1880

Syndicate

St. Paul, Minneapolis & Manitoba Ky Co. Thirty year Second Mortgage Bonds.

Gentlemen:

We beg to advise the following sales of the St. Paul, Minneapolis and Manitoba Railway Co.'s Six per cent. Second Mortgage Gold Bonds for account of the Syndicate:

H17000 - a 95 % and witerest less 1/2 % commission.

Sales accounted for

\$ 839000.

Sales to be accounted for

\$ 17000.

Balance on hand

\$804000

Withdrawn H 340000

Respectfully Hoors, 000.

b. H. horthcole.

James. J. Hill Esq. St Paul.

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DELAWARE, LACKAWANNA & WESTERN RAILROAD CO., COAL DEPARTMENT. 26 EXCHANGE PLACE, P. O. Box 2090. gin me good pleasen to be of any service to fin it the matter you refor to and I make inquiry of the porties danch Concerning the man other has applied to form. I have taken the listerly to show your letter to our Insidest which to our Master Mechanic Kirtfelter Danson who may Either Know the man refront to an Know of some Competent man for the place. As Early as presented of my inis comme cugning. Is my truly Established

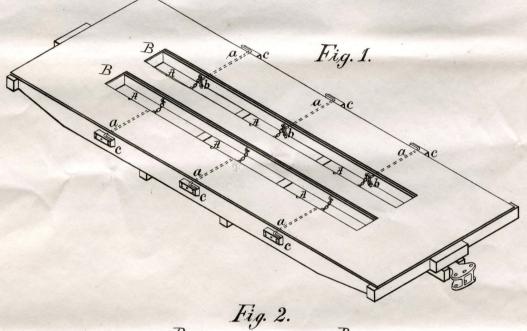
THE UNITED STATES OF 20 STONO DAVAR CHARLER HA SENTINGO CONTRA Mherras Camus & Hollis St. Pull, Monnusta a puttin praying for the sent of Excess Excess for an alleged new and useful mproviment in Dumping Cars a description of which invention is contained in the Specification of which we appy is hereunte annexed and made a part hereof, and har complianed to the various requirements of Law in such cases made and provides and Whereas upon due commution made the said blaimant & adjudged to be justly entitled to a Gatent under the Law. Nowtherefire the LETTERS PATENT are to grant unto the said Romus & for the tam of Swinter the exclusive right to make, use and rend the said invention throughout the United States and the Scientisies through In testimony whereof I have boundered my hand and award the sail of the Hatent Other to be affect at the City of Hashington this Country at the day of Independence of the United States

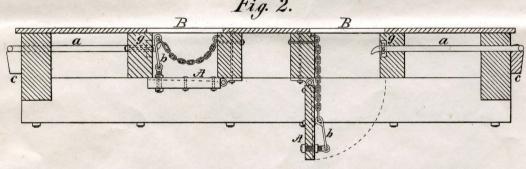
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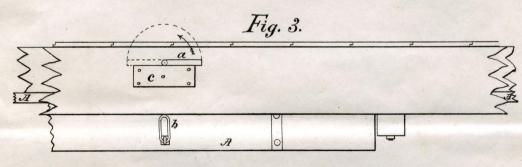
J. J. HILL. Dumping-Car.

No. 227,434.

Patented May 11, 1880.







Witnesses St. B. Willis X. Lees

Inventor Jan J. Hill

N. PETERS, PHOTO-LITHOGRAPHER, WASHINGTON, D. C.

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UNITED STATES PATENT OFFICE.

JAMES J. HILL, OF ST. PAUL, MINNESOTA.

DUMPING-CAR.

SPECIFICATION forming part of Letters Patent No. 227,434, dated May 11, 1880.

Application filed March 6, 1880. (No model.)

To all whom it may concern:

Be it known that I, JAMES J. HILL, of St. Paul, in the county of Ramsey and State of Minnesota, have invented certain new and useful Improvements in Dumping-Cars for Railroads; and I do hereby declare that the following is a full, clear, and exact description of the invention, which will enable others skilled in the art to which it appertains to 10 make and use the same, reference being had to the accompanying drawings, and to letters of reference marked thereon, which form a part of this specification.

The invention relates to cars used for the 15 construction and maintenance of railroads, in distributing sand or gravel for ballasting ties,

and for other purposes.

Heretofore cars have been used for similar purposes, but of such form or construction 20 as to require an unnecessary amount of labor in distributing the material conveyed by them.

The object of my invention is to provide a simple and inexpensive attachment to cars already in use, or that may be built for the 25 use of railroad and construction companies, which will enable said companies to distribute ballast for leveling their road-bed in such quantities and at such points as may be desired.

This invention consists in providing the floor of a car with longitudinal openings between the beams, which openings are closed by swinging doors, hinged at one side of the floor-frame, and opening downward to 35 discharge any desired portion of the load, said doors being raised by chains and held

up by hooks controlled by crank-rods from the sides of the car, all as hereinafter more fully set forth, the object of the construction be-

40 ing to provide a car which, when the openings are planked at the floor-level, is applicable to general freight purposes, but can, when said planks are removed, be used as a construction-car to carry and dump earth or 45 ballast, or for the transportation of grain, coal, or other articles requiring similar handling.

In the accompanying drawings, in which similar letters of reference indicate like parts, Figure 1 is a perspective view of the floor of 50 a platform or flat car embodying my invention. Fig. 2 is a vertical transverse section of the same, and Fig. 3 is a partial side elevation.

In the openings B, which are made by the 55 removal of parts of the floor of the car, are hinged planks of wood A in each of the spaces between the cross-beams thereof. Through the outer sills on each side of the car, in the center of the aforesaid spaces, are passed 60 rods a, which are used to secure and also to drop the said planks A, as may be desired. Said rods a are bent at their outer ends, so as to form a handle or crank by which they may be conveniently turned, and at their in- 65 ner ends drawn out and bent to form a pointed hook on which to suspend the link b. Back of said hook, on rods a, is fastened a small pin, which moves in guide-plates g and prevents lateral motion in said rods a.

Blocks of wood or other material, c, are secured to side timbers of car, on which the

handles formed on rods a rest.

The operation of the device is as follows: When the car is to be loaded with sand or 75 gravel the dump-planks A are hooked up in the manner shown in Fig. 1. To distribute the load the rods a are moved one half-turn, which movement drops the dump-planks A. What remains of the load after dumping is 80 shoveled through the openings B or over the edges of the car, as may be desired.

To the link b is fastened a chain, by means

of which the dump-planks A are raised into position and held there until the rods a are 85 moved backward to their former position, when the car is ready to be reloaded.

When cars that are provided with the device are required for other purposes, the openings B may be filled up, and they are at once 90 ready for use, without in any way interfering with the device, which can be left on the car

permanently.

What I claim is-A car provided with a floor having oblong 95 openings B B, extending nearly from end to end, between the floor-beams, as shown, and closed by the dropping valves A, hinged at

one side to the lower edge of the beams, raised by chains and supported by the hooks b, engaging the hooked rods a, having cranks c at their outer ends, by which said rods may be semi-rotated and the hooks b engaged or released to support or drop the valves, all in the manner and for the purpose specified.

In testimony that I claim the foregoing as my own invention I affix my signature in presence of two witnesses.

JAMES J. HILL.

Witnesses: R. B. GALUSHA, EDW. J. SCHURMEIER.

JOHN S. KENNED J. KENNEDY TOD J. S. KENNEDY & CO.
BANKERS.
NEW-YORK MAY 12" 1880

Jas. J. Will. Egg St. Caul Minn

Dear Sir:

Enclosed herwith we beg to hand you Stakement of St. Caul. Ellinnenpales Und chambada Second
charligage Bond Syndicate It Showing the sam of
\$ 18665. The adjour credit as your 125/1660 the share
of the nexproseeds of sales of bonds.

No pass this sum to the credit of the I'm
which we are carrying your subscription

Yours very truly (S. Nemed, C

63 William St., New York,

13th May 1886

Syndicate

St. Paul, Minneapolis & Manitoba R'y Co. Thirty year Second Mortgage Bonds.

Gentlemen:

We beg to advise the following sales of the St. Paul, Minneapolis and Manitoba Railway Co.'s Six per cent. Second Mortgage Gold Bonds for account of the Syndicate:

\$ 75000. @ 95% and interest less 1/2% comt

Sales accounted for S: awasta's settlement Sales to be accounted for With the accounted for Balance on hand \$ 839.000. \$ 75.000. \$ 45.000. \$ 729.000. 2.000.000.

Respectfully yours,

James J. Aill Eg.

J.S. Kennedy C

DELAWARE, LACKAWANNA & WESTERN RAILROAD Co., COAL DEPARTMENT. P. O. Box 2000. letter of our Mester Mechanic in while to inquier of our bout Concerning the man you inquiered about. Itorsing That he has from our Employ. Ihe Mersham spoken of in the letter is Marter Merhanie at our Kingston Shop. its Mer Danson Supposed he my willing for the I have no suply get from other parties fourstry truly

Belaware, Yachawanna & Western Railroad Company. Scranton, Pa, May 12 1880 Mr Holfecker personally, He was foreman at our Ships at Kingston, LiB Division from april 1846 to Oet 1849, and see says he descharged him because he did not attend to his business, became careless and indolent, From what I can learn, I think he knows enough to fill the position aferil to, understands the business xe, and if at the head of the department where he would be responsible for the management would probably perform the duties properly, I do not know another man that I could recommend for the place, Perpetfully Jours Dawson,

Minnesota Historical Society

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