

V. L. & W. CO.  
FILE

July 5, 1913.

Orenstein-Arthur Koppel Co.,  
120 S. Los Angeles St.,  
Los Angeles, Cal.

Gentlemen:-

Per your quotation of June 13th, I wish to place the following order for immediate shipment to Warners Dam. To be shipped via Santa Fe to San Diego, then Back Country Transportation Co. from San Diego to Warners Dam.

Please address: Volcan Land & Water Co.  
% S. LeR. Case Foreman,  
Warners Dam,  
near Santa Ysabel, Calif.

Mail bill to: W. S. Post, Engineer,  
924 8th St.,  
San Diego, Cal.

One end-dump car. 16 cu.ft. capacity,  
24" gauge, complete with 12" diameter  
cash steel self oiling wheels, and  
must be not over 3'0" wide overall

1000 ft. firstclass and new A.S.C.E.  
section, 20 lb rails in lengths of  
15-ft.

100 sets fish plates and bolts for  
above 20 lb rail.

200 lbs 1/2 x 3-1/2 spikes.

Kindly notify me when this order is  
shipped and about when it will reach San Diego.

Very truly yours,

Engineer.

MAIN 5736  
10643

*Orenstein Arthur Koppel*

B. F. KIERULFF, JR. & Co.

INCORPORATED  
ELECTRICAL AND INDUSTRIAL EQUIPMENT  
120 S. LOS ANGELES STREET

LOS ANGELES, CAL. June 13, 1913

Mr. W. S. Post,  
Engineer, Volcan Land & Water Company,  
924 Eighth Street, San Diego.

Dear Sir:

Mr. L. C. Fay advised me that you are in the market for some Equipment in connection with Tunnel Construction work, and I accordingly called at your office, but missed seeing you.

On the Car and Rails, however, I am in a position to submit the following prices:

*Ordered  
July 5-13*

- One End Dump Car. 16 cub.ft. capacity,  
24" Gauge, complete with 12" diameter  
Cast Steel Self-Oiling Wheels, and  
similar to that shown on the enclosed  
photograph, Price- - - - - \$40.00
- 1000 ft. Firstclass and New A.S.C.E.  
Section 20 lb. Rails in lengths  
of 15ft. Per 100 lbs- - - - - 2.00
- Necessary Fish Plates and Bolts for same,  
Per Set- - - - - .22
- Necessary Spikes, 1/2 x 3 1/2 or  
1/2 x 4, Per 100 lbs.- - - - - 3.20

All the above prices are understood f.o.b.

our warehouse San Francisco, and immediate delivery could be effected.



Mr W S Post - 2 -

The rate on Rails and Fastenings to San  
Diego is, we believe, - - - - - 22 $\frac{1}{2}$ ¢ C lbs

And on the Cars - - - - - 27 $\frac{1}{2}$ ¢ " "

Trusting that we may have the pleasure of booking  
your order, and holding ourselves entirely at your disposal  
for any further information you may desire, we beg to remain,

Yours truly,

ORENSTEIN-ARTHUR KOPPEL COMPANY.

By *Shanghland*  
Special Representative

DSL/NAO

Mr L C Fay - 2 -

P.S.

We have several End Dump Cars, 12 cub.ft. capacity, in  
stock, which have been used somewhat, and can consequently be  
called secondhand cars, although they are in firstclass con-  
dition. If the capacity is not too small, and you should  
be interested, we will make you a special price of \$32.00  
each on same.

DSL/NAO

*I can submit full specification  
of the 16 cuft. End dump car  
if required.*



OFFERS FROM STOCK ARE MADE SUBJECT TO PRIOR SALE, AND ALL QUOTATIONS ARE SUBJECT TO CHANGE WITHOUT NOTICE. CONTRACTS MADE CONTINGENT UPON ACCIDENTS, STRIKES AND OTHER CAUSES BEYOND OUR CONTROL. SHIPMENTS MADE AT RISK OF PURCHASER. WEIGHTS NAMED ARE ONLY APPROXIMATE. NO AGREEMENT RECOGNIZED UNLESS IN WRITING. RAILROAD COMPANY'S OR STEAMERS' RECEIPT FOR MERCHANDISE IN GOOD ORDER CONSTITUTES DELIVERY, AFTER WHICH OUR RESPONSIBILITY CEASES. ORDERS TAKEN BY REPRESENTATIVES ARE SUBJECT TO THE ACCEPTANCE OF THE SAN FRANCISCO OFFICE OF THE ORENSTEIN-ARTHUR KOPPEL CO.

B. F. KIERULFF, JR. & CO., INC.  
SOUTHERN CALIFORNIA REPRESENTATIVES FOR

*Orenstein-Arthur Koppel Company*

MANUFACTURERS OF  
INDUSTRIAL AND  
PORTABLE RAILWAY MATERIAL  
WORKS: KOPPEL, PA.

TELEPHONE  
MAIN 5736  
F 2887

120 SOUTH LOS ANGELES STREET

EASTERN OFFICES  
PITTSBURGH, PA.  
NEW YORK, N. Y.  
CHICAGO, ILL.

PACIFIC COAST HEAD OFFICE  
227-235 RIALTO BLDG.  
SAN FRANCISCO

No. \_\_\_\_\_

LOS ANGELES, CAL.

Oct. 25, 1913

PLEASE MENTION THIS  
NUMBER IN YOUR REPLY

Mr. William S. Post,  
Engineer, Volcon Land & Water Company,  
924 Eighth St., San Diego.

Dear Sir:

We have to acknowledge with thanks receipt of your letter of October 23rd., and very much regret indeed that the end dump car supplied by us has not proven to be as satisfactory as expected by you.

In this regard beg to advise you that the car which we have shipped to you has recently been improved to quite some extent, and is not manufactured by us any more. The car we supply now is shown on page 45 of catalogue #900, copy of which has been sent to you today under separate cover. We are confident that if you should decide to buy in the future this type of car that you will be more satisfied than heretofore.

We very much regret indeed that this particular car has not proven to be satisfactory, but we hope that our future deliveries to you will be of better service.

Mr. Wm. S. Post - 2 -

If we may submit to you a price on car as shown on page 45 kindly advise and we will do so at once.

Kindly note that the all around dump type, 16 cub.ft. capacity, 18 and 24 in. gauge, is carried in stock in San Francisco.

Assuring you of our best attention at all times, we are,

Very truly yours,

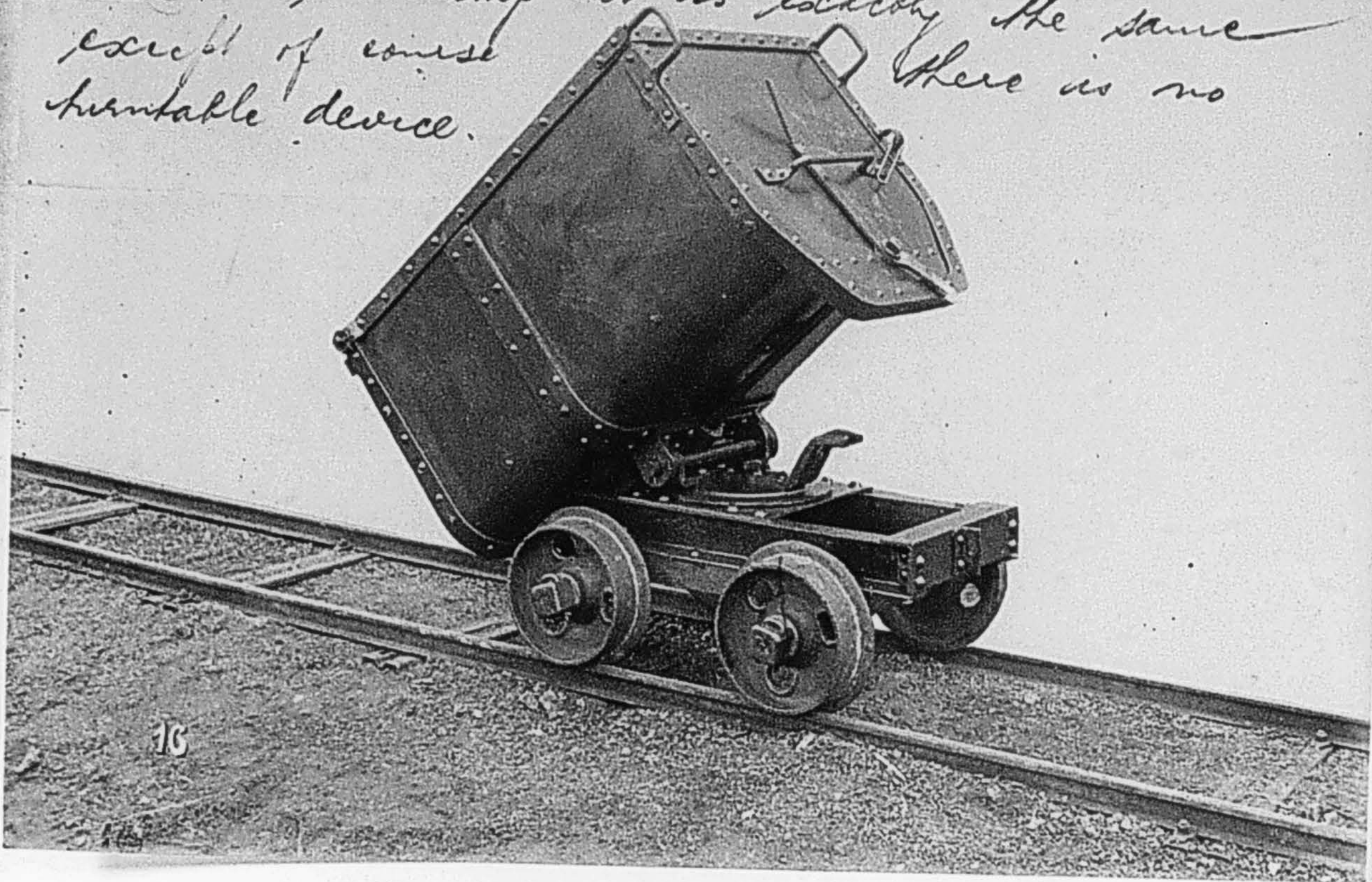
ORENSTEIN-ARTHUR KOPPEL COMPANY.

By

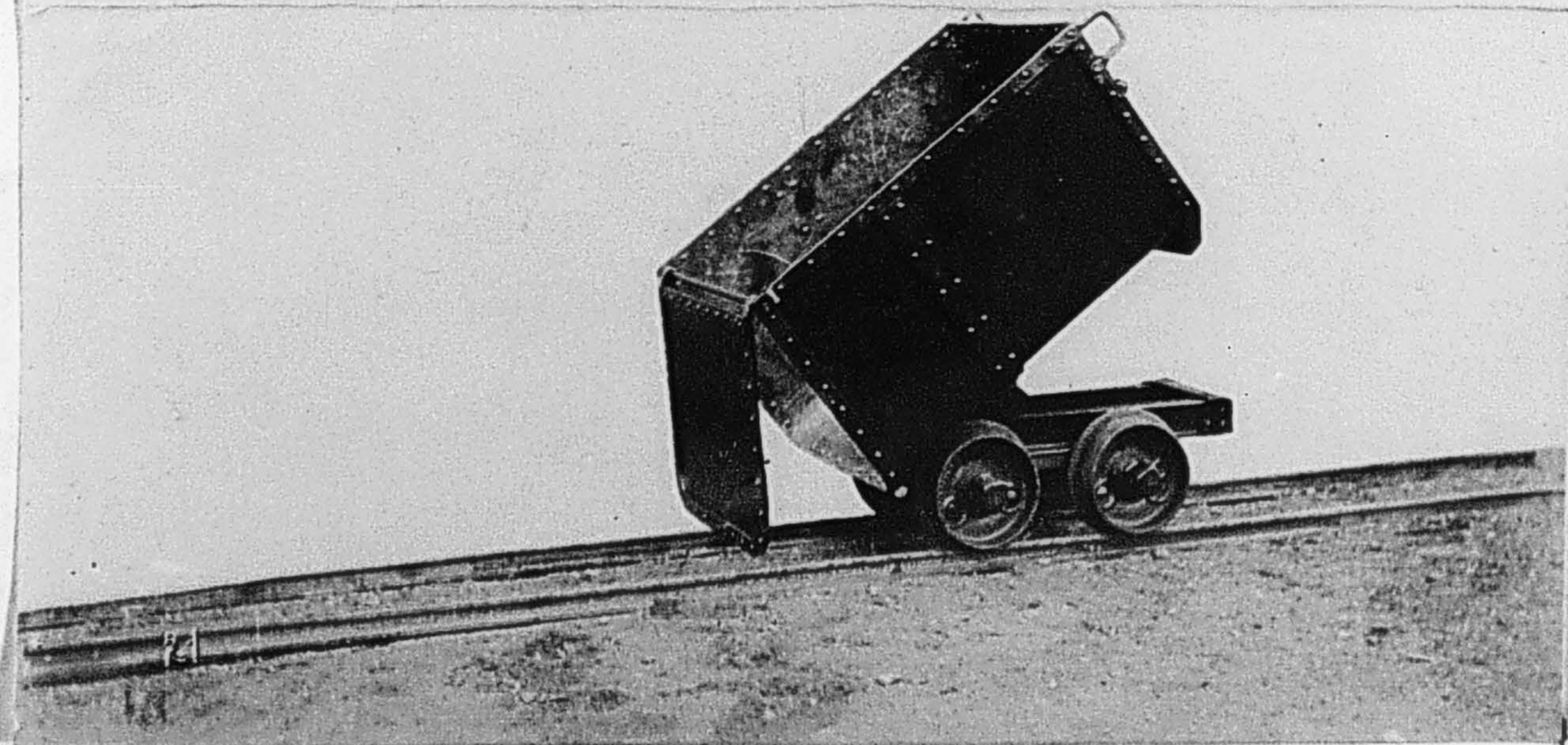
*Herbert Shoen*  
Engineering Department.



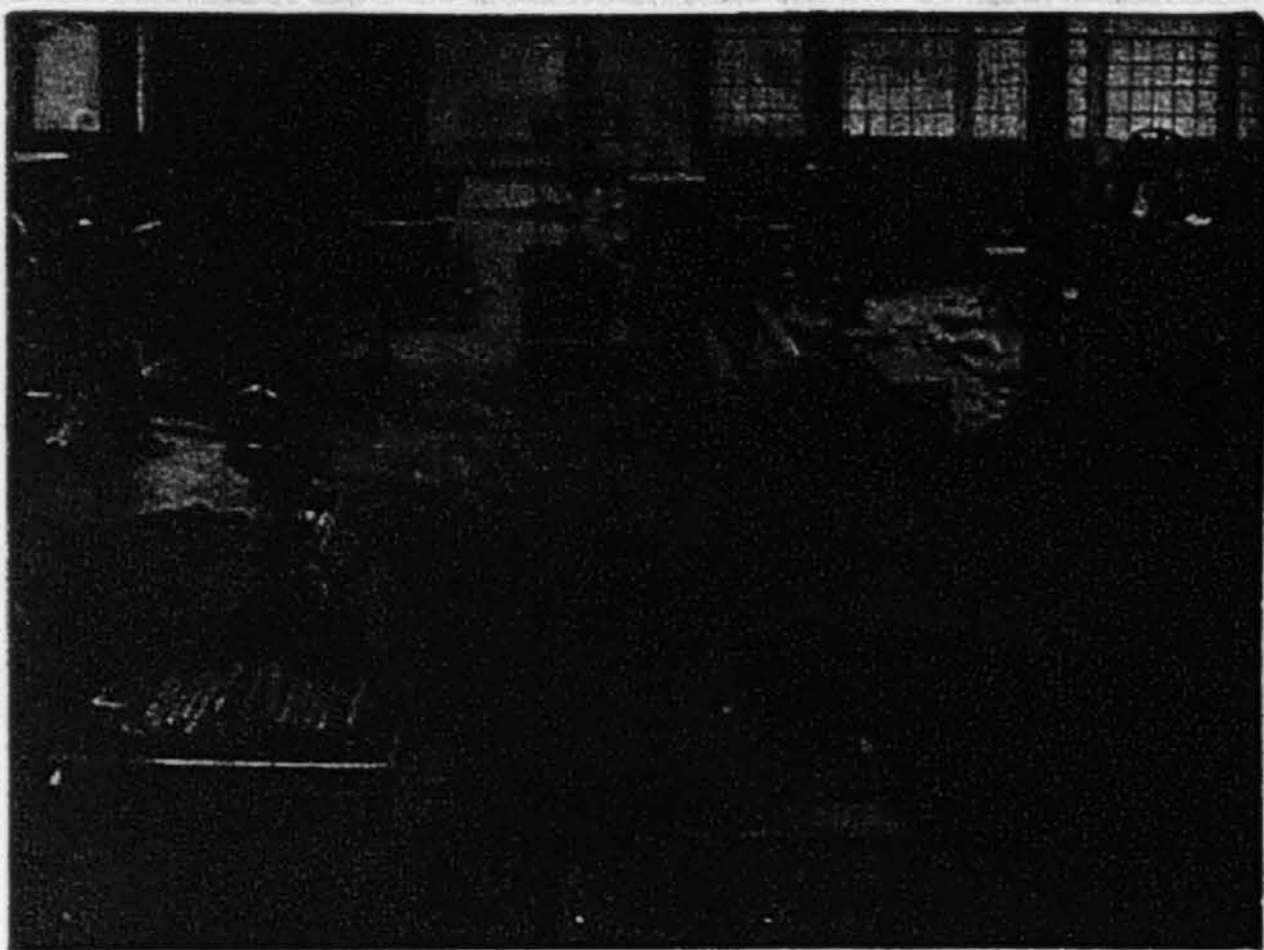
This is actually an allaround dump car  
but the end dump car is exactly the same  
except of course there is no  
turntable device.



This is the 12 cu ft. car







Industrial Railway in a Car Shop.

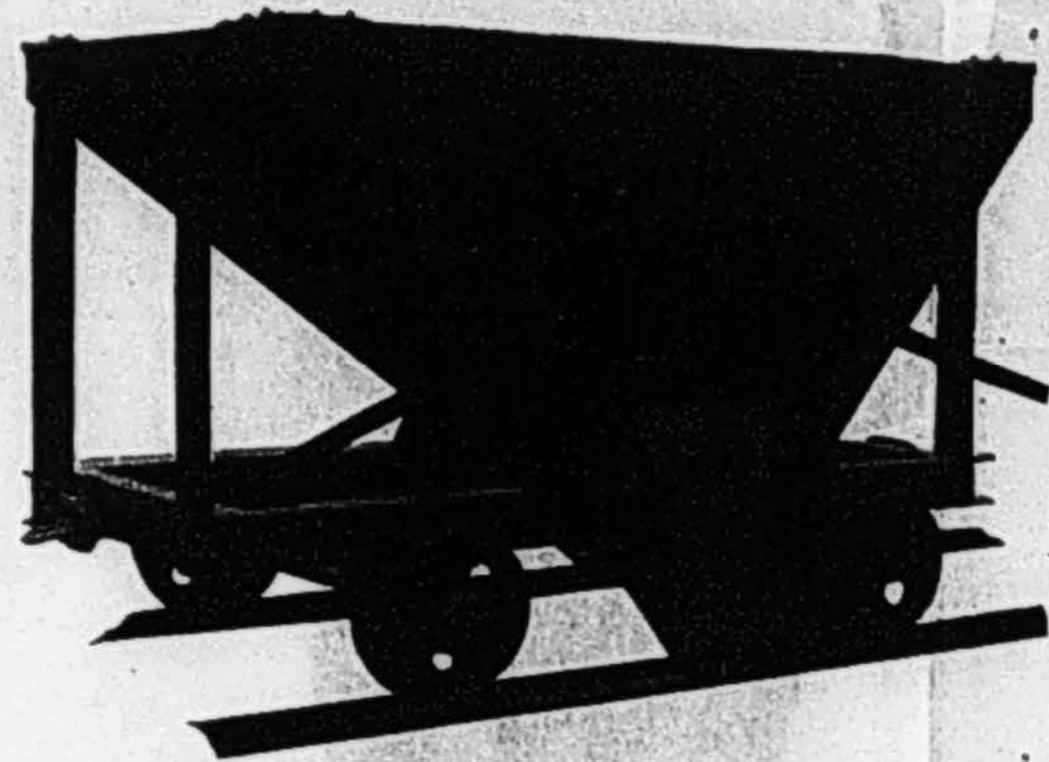


Fig. 14696—Concrete Car

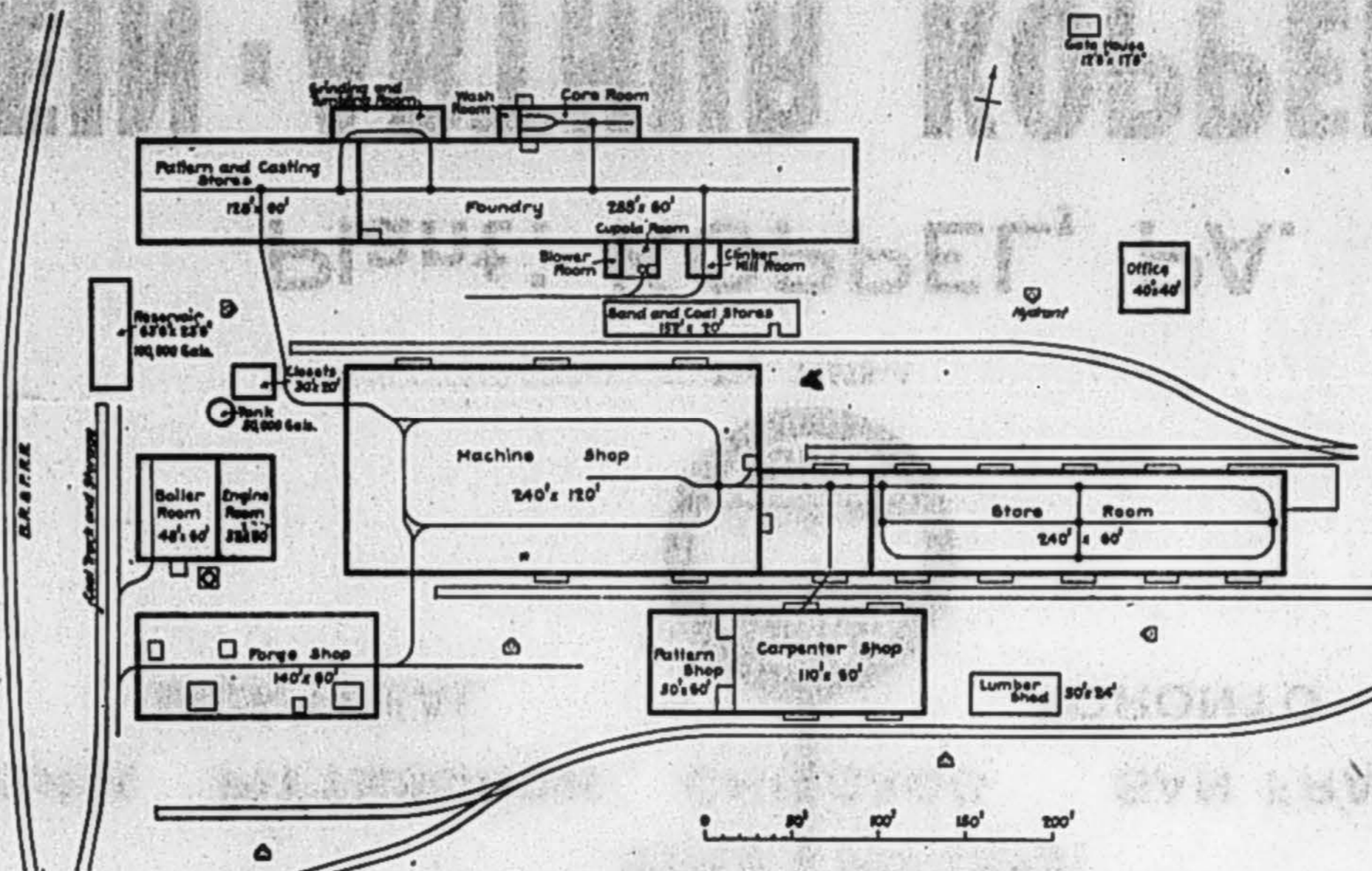


Fig. 14344—Industrial Railway in a large manufacturing plant.

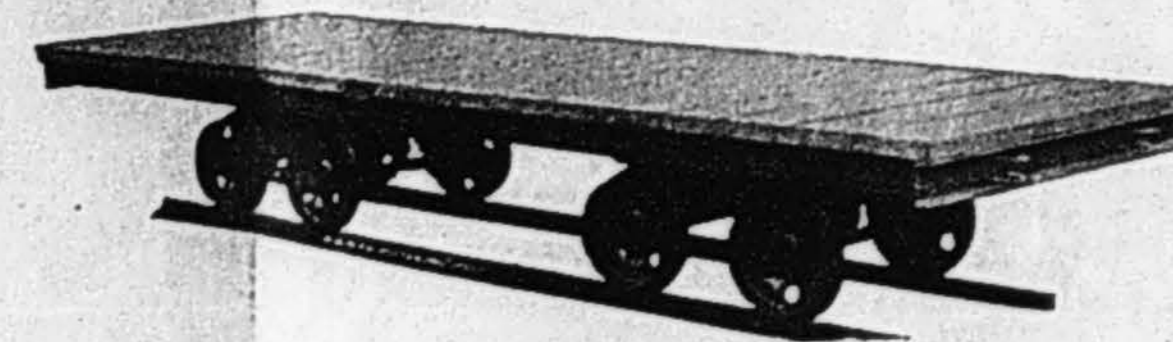


Fig. 14697—Double Truck Platform Car.

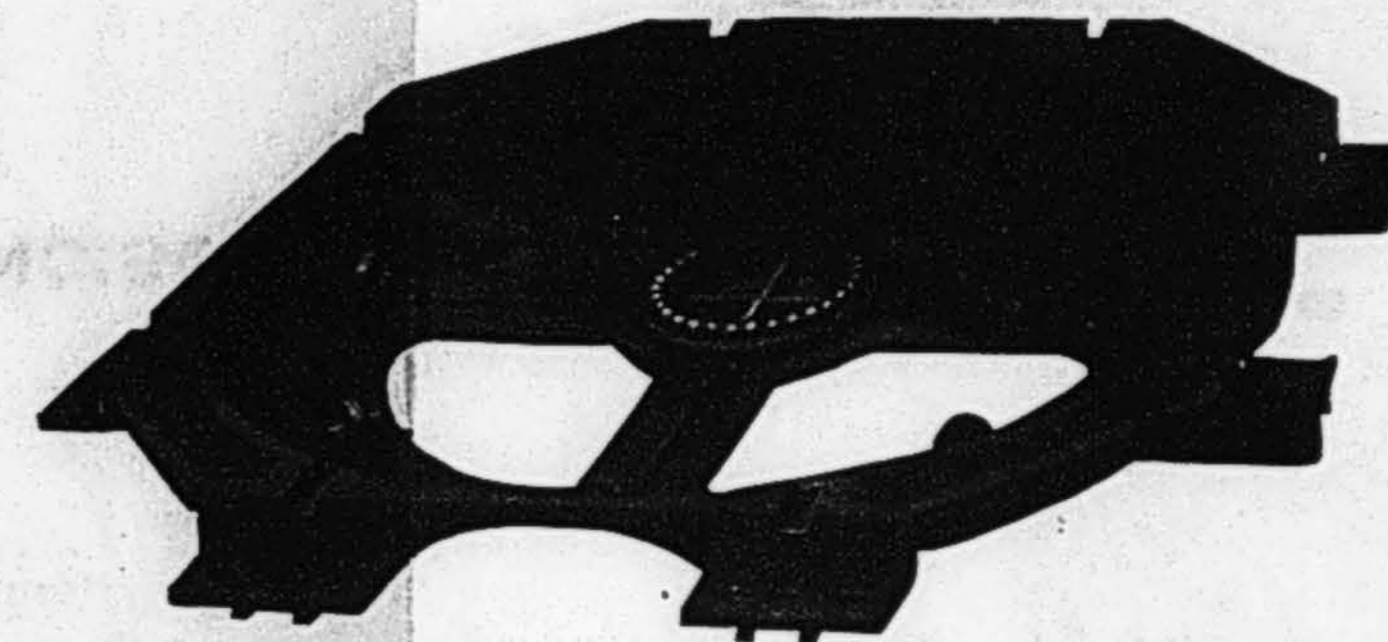


Fig. 5257—Standard Cast Iron Ball-Bearing Turntable. 40" to 72" dia., 3½ to 4 ton load.

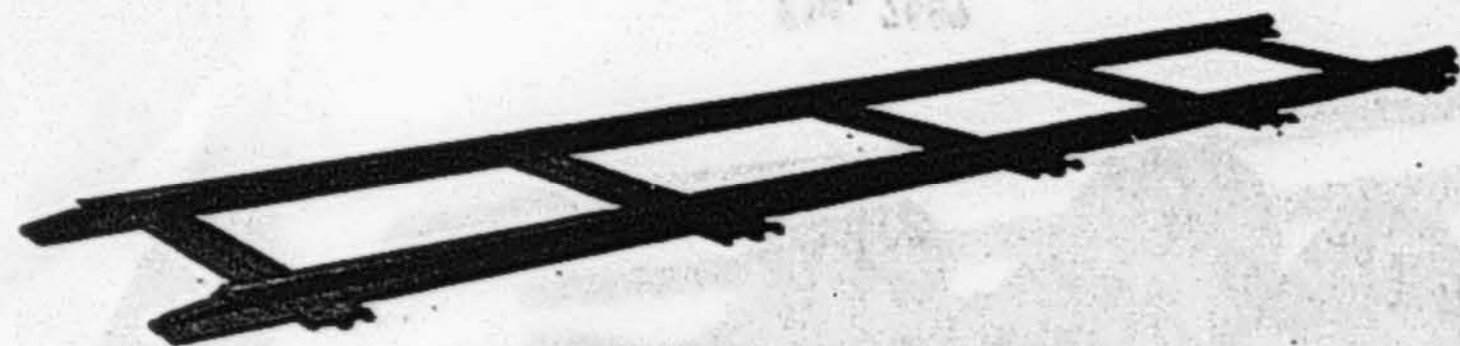


Fig. 7623—Portable Track.

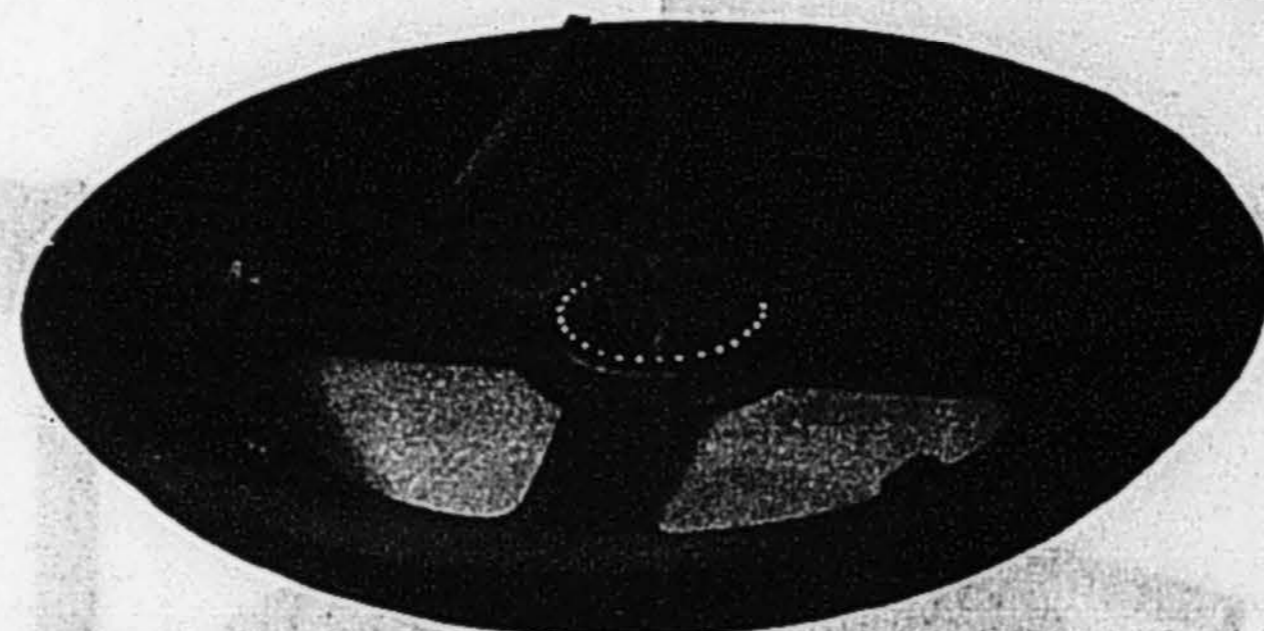
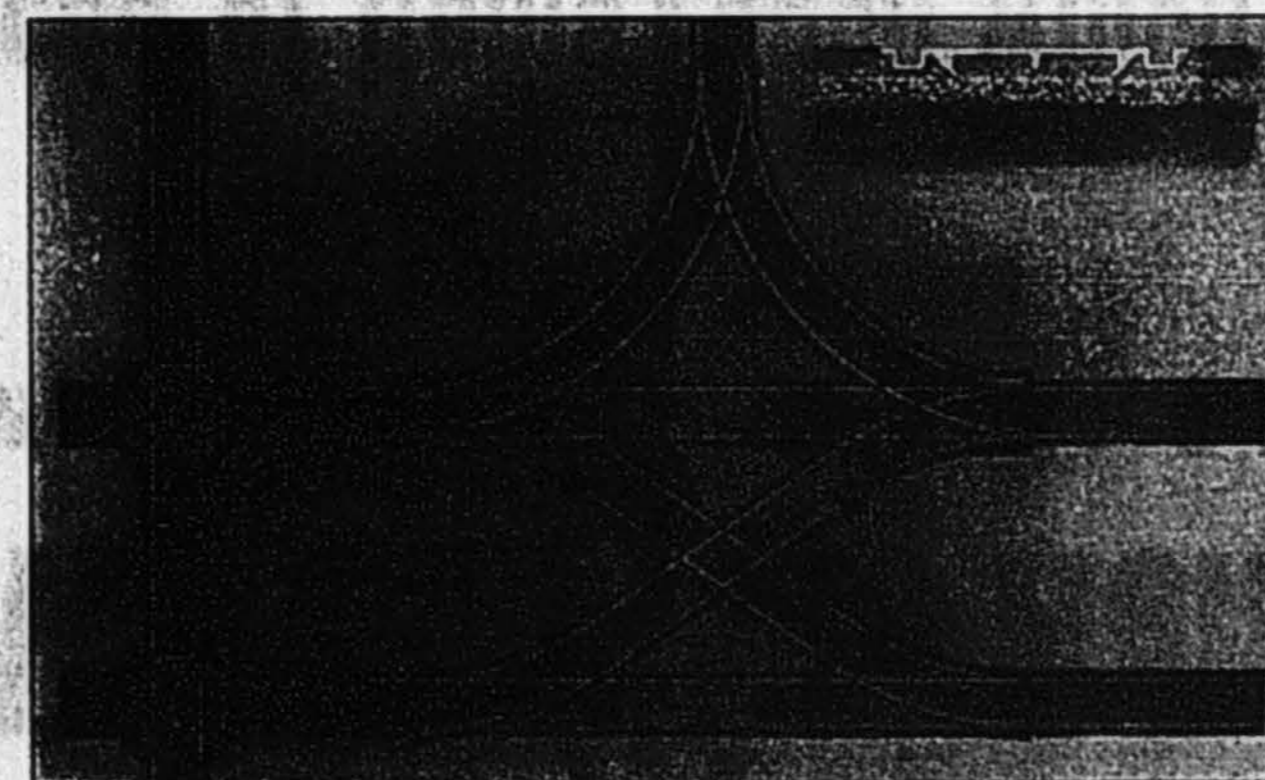


Fig. 5269—Standard Cast Iron Ball-Bearing Turntable. 52" to 72" dia., 3½ to 4 ton capacity.



Cast Plate Track Installation, showing also Turntables and Switches.

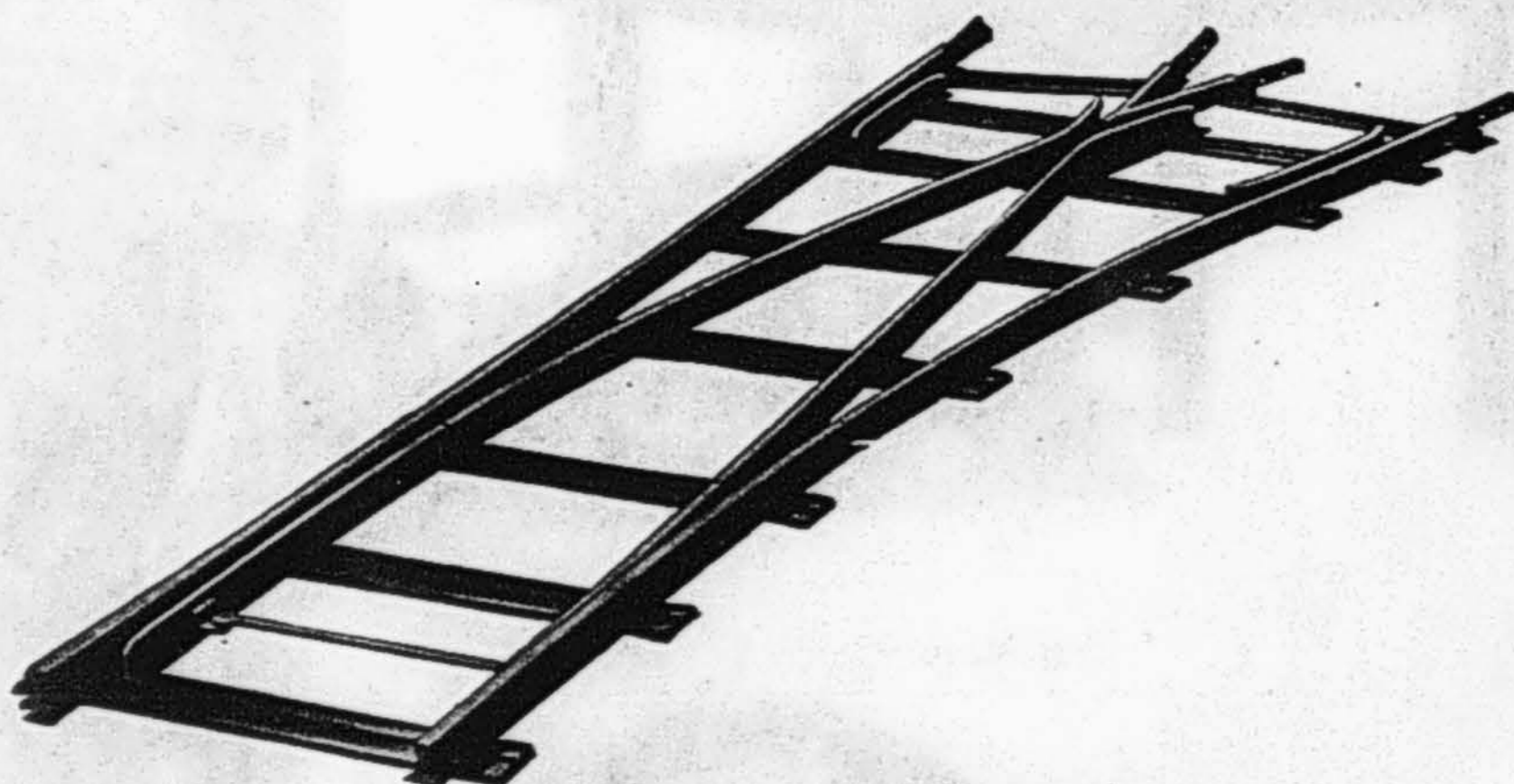


Fig. 7627—Portable Two-Way Switch.

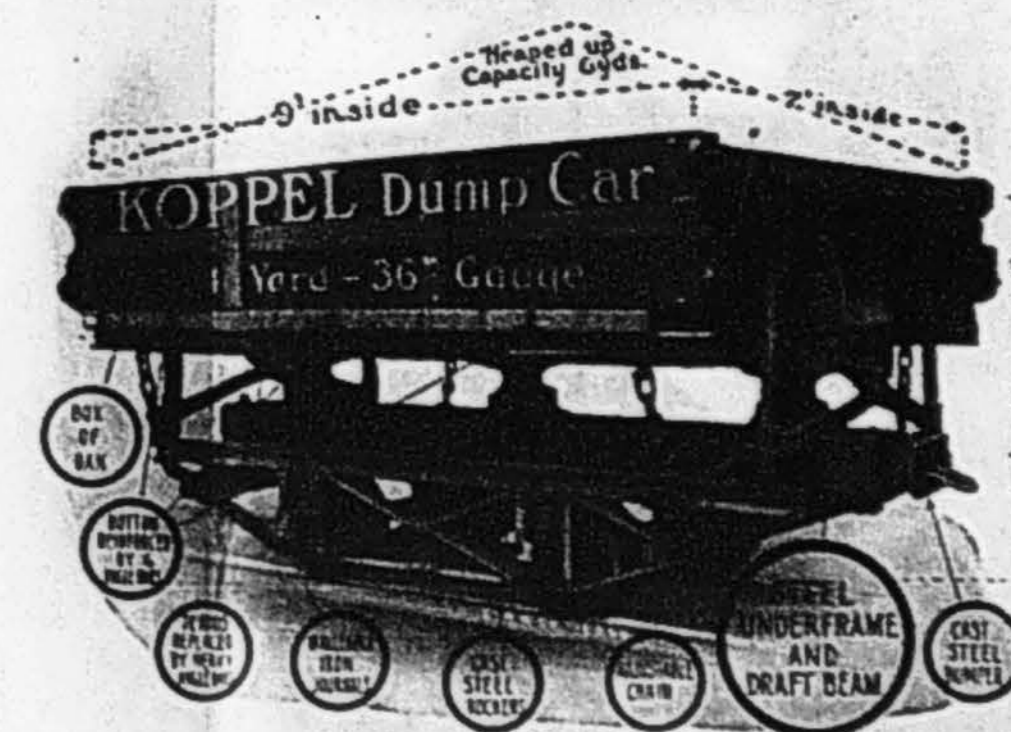


Fig. 12349—4 yd. Square Box Dump Car.



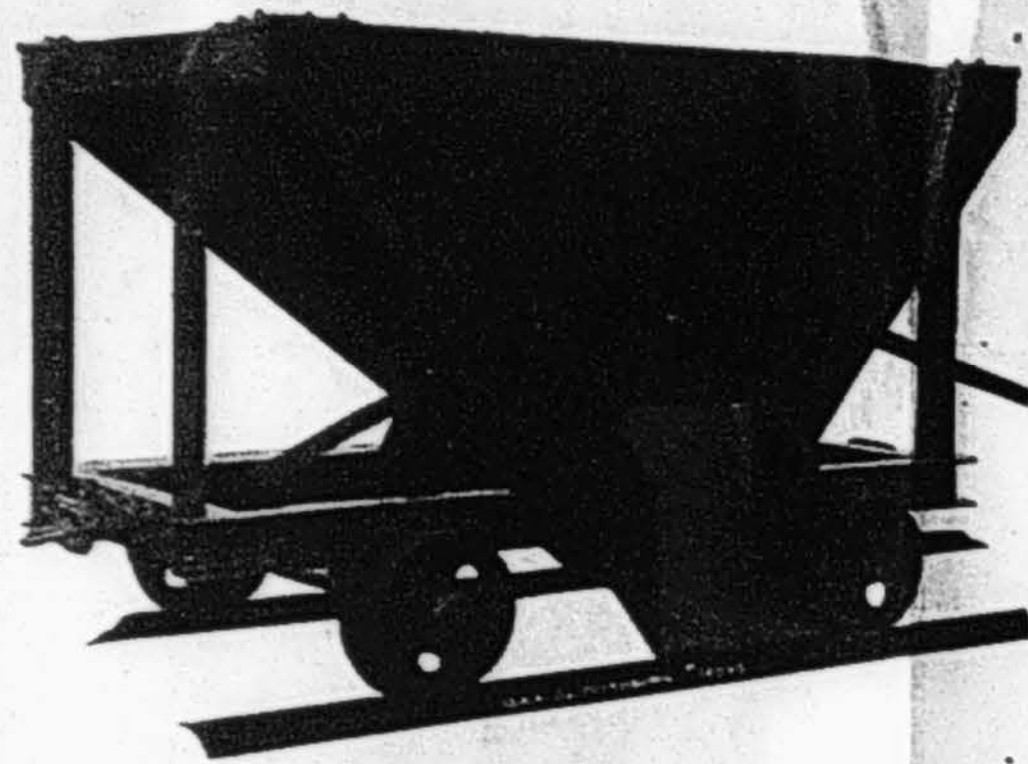


Fig. 14696—Concrete Car

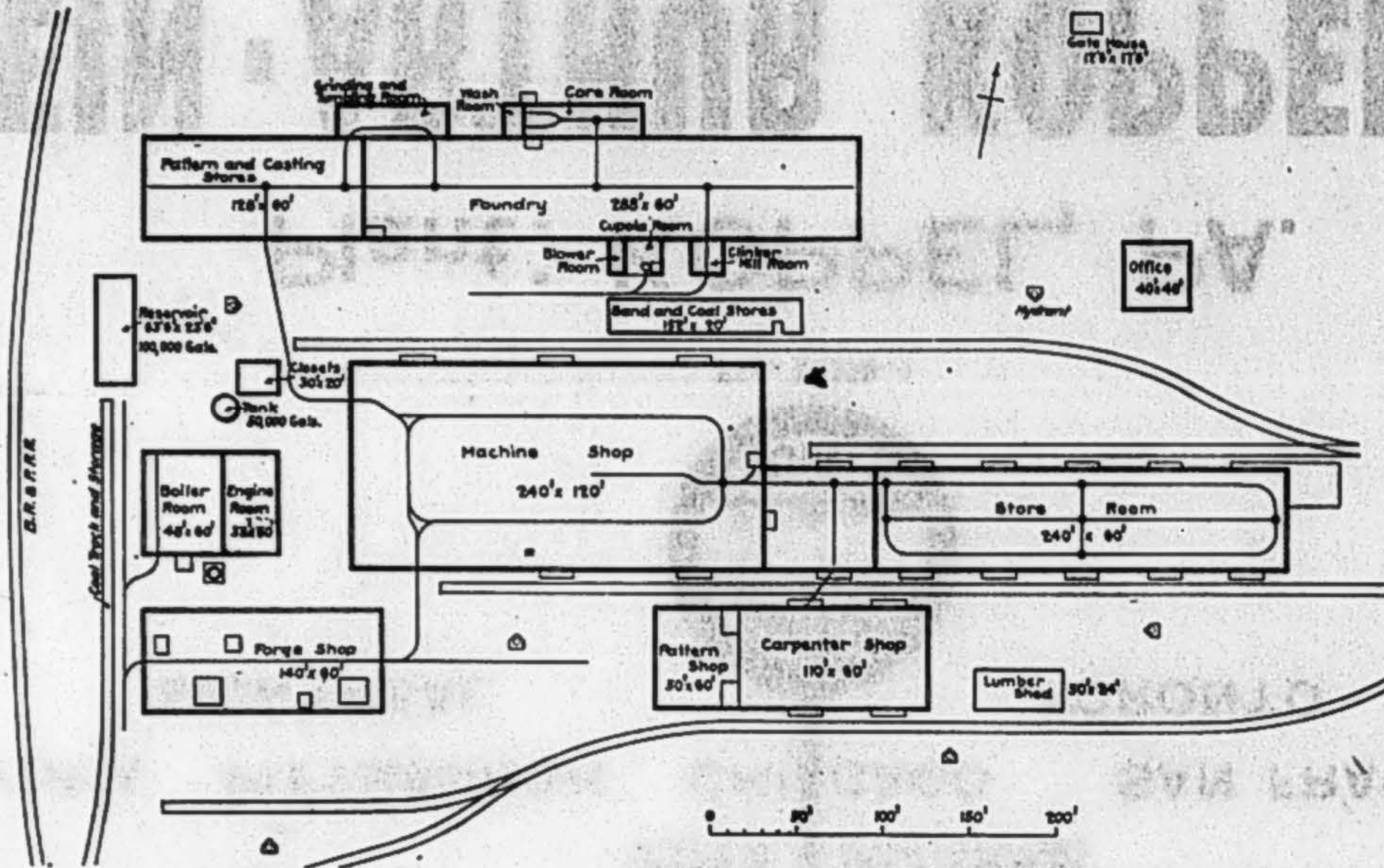


Fig. 14344—Industrial Railway in a large manufacturing plant.

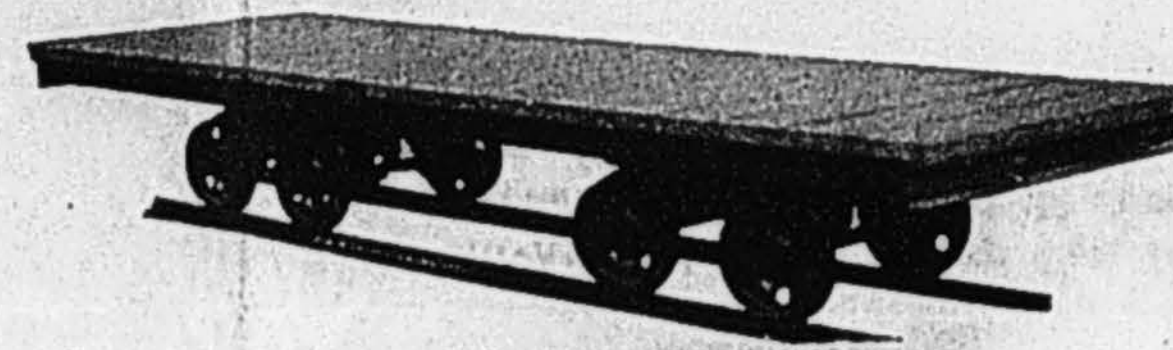


Fig. 14697—Double Truck Platform Car.

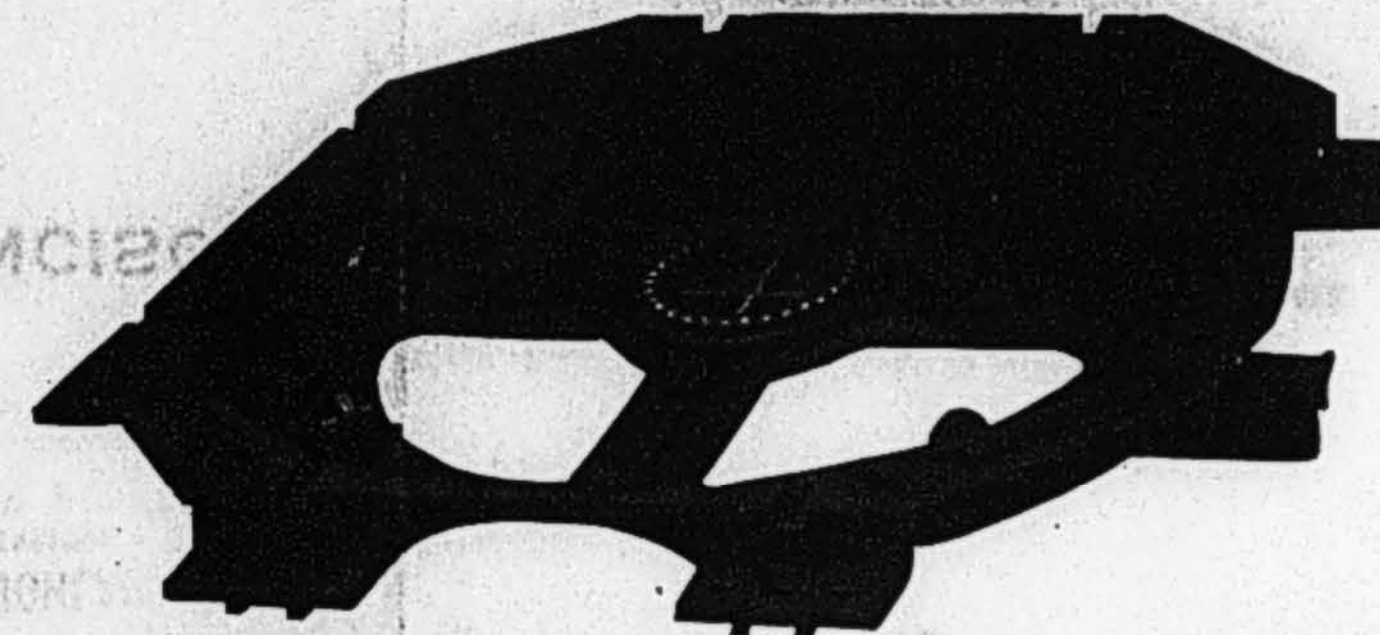
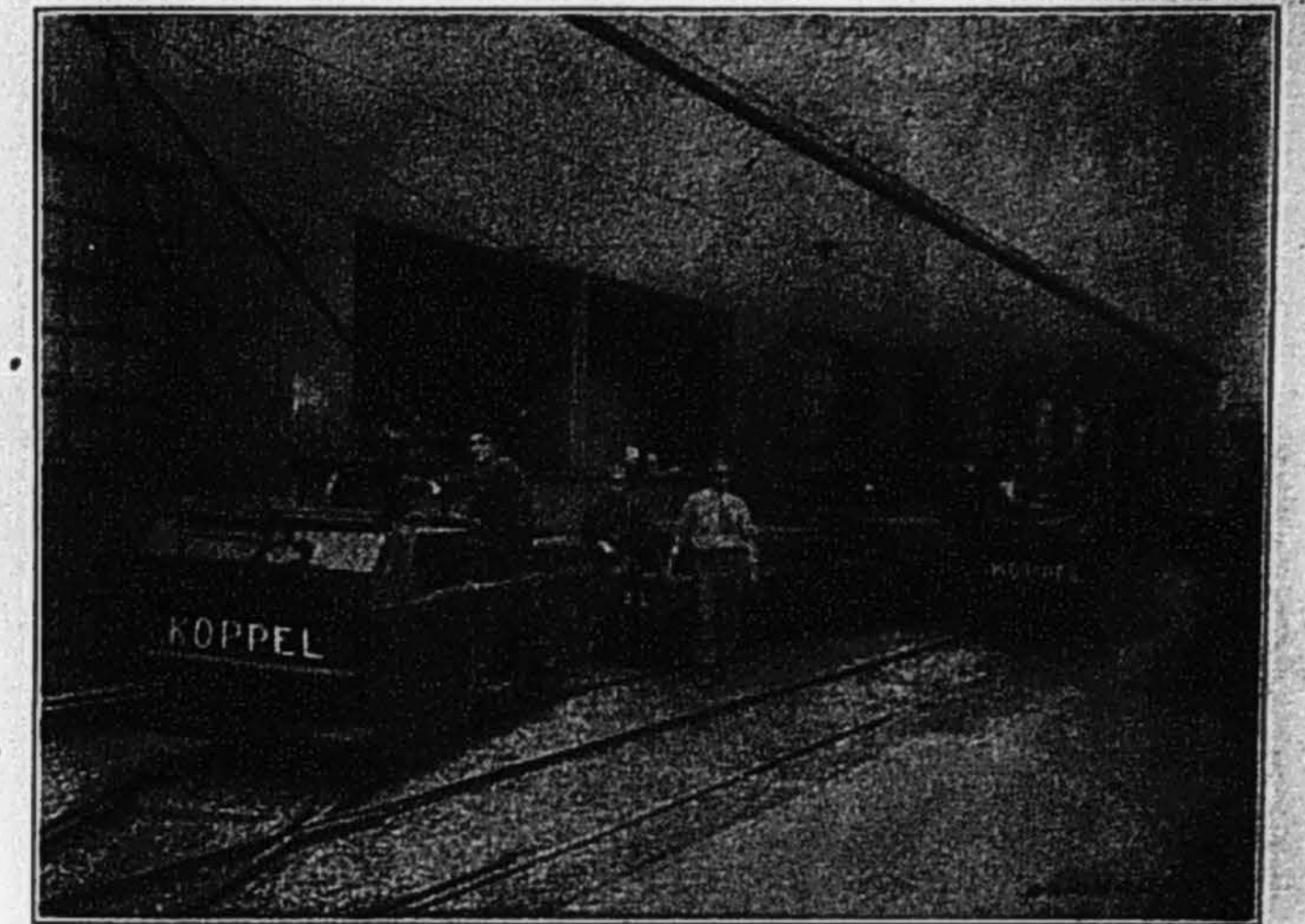


Fig. 5257—Standard Cast Iron Ball-Bearing Turntable.  
40" to 72" dia., 3½ to 4 ton load.



Electric Industrial Railway built and installed by this Company at the Superior Steel Company, Carnegie, Pa.

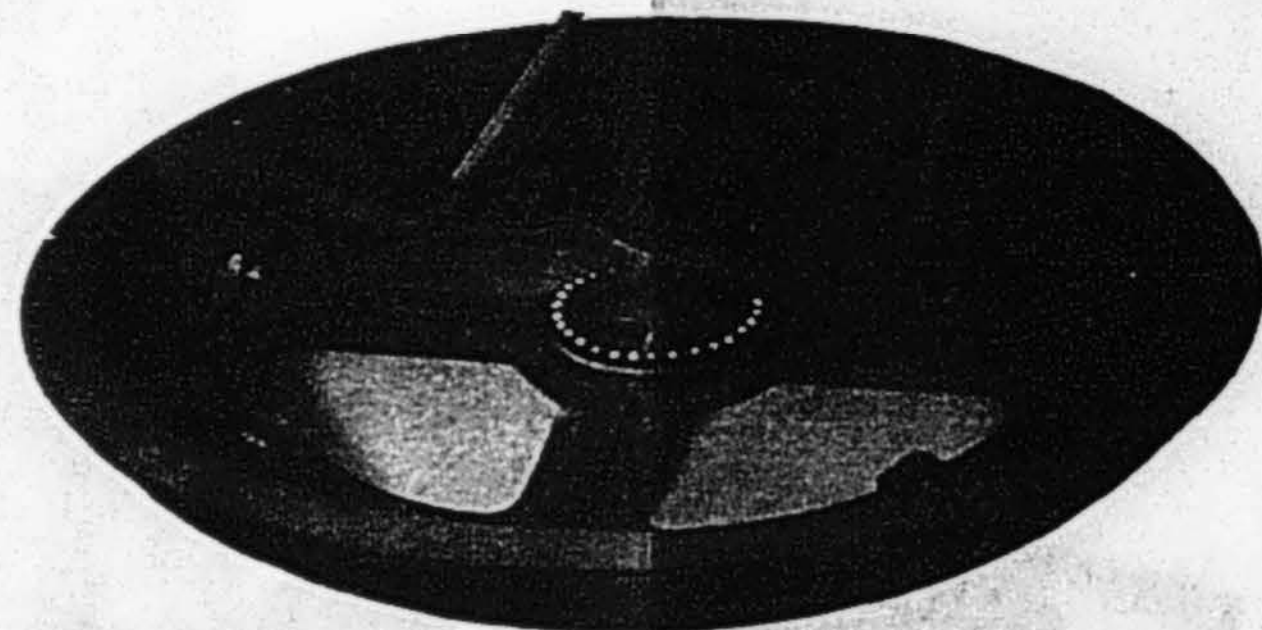
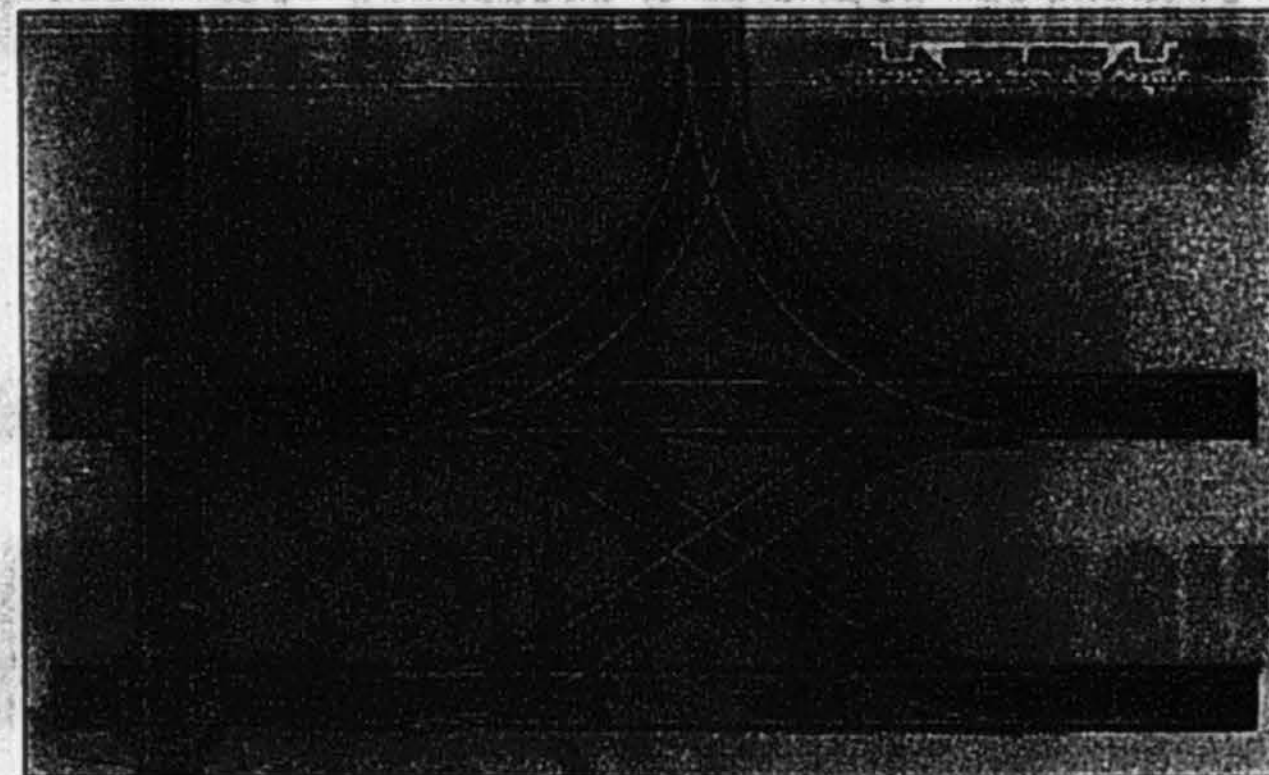


Fig. 5269—Standard Cast Iron Ball-Bearing Turntable.  
52" to 72" dia., 3½ to 4 ton capacity.



Cast Plate Track Installation, showing also Turntables and Switches.

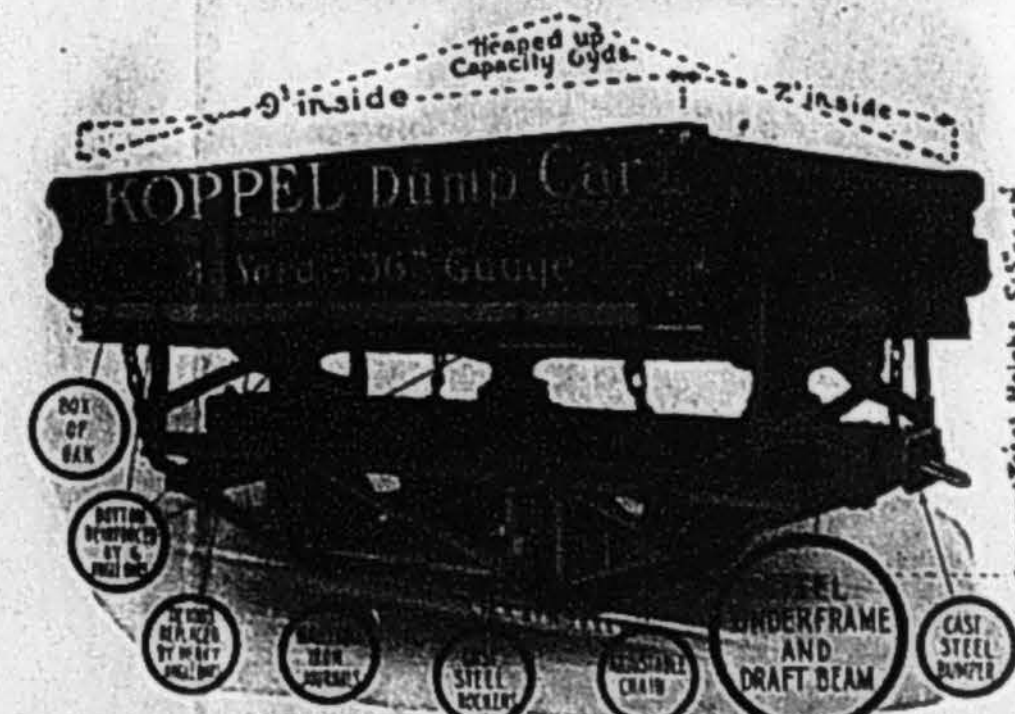


Fig. 12349—4 yd. Square Box Dump Car.

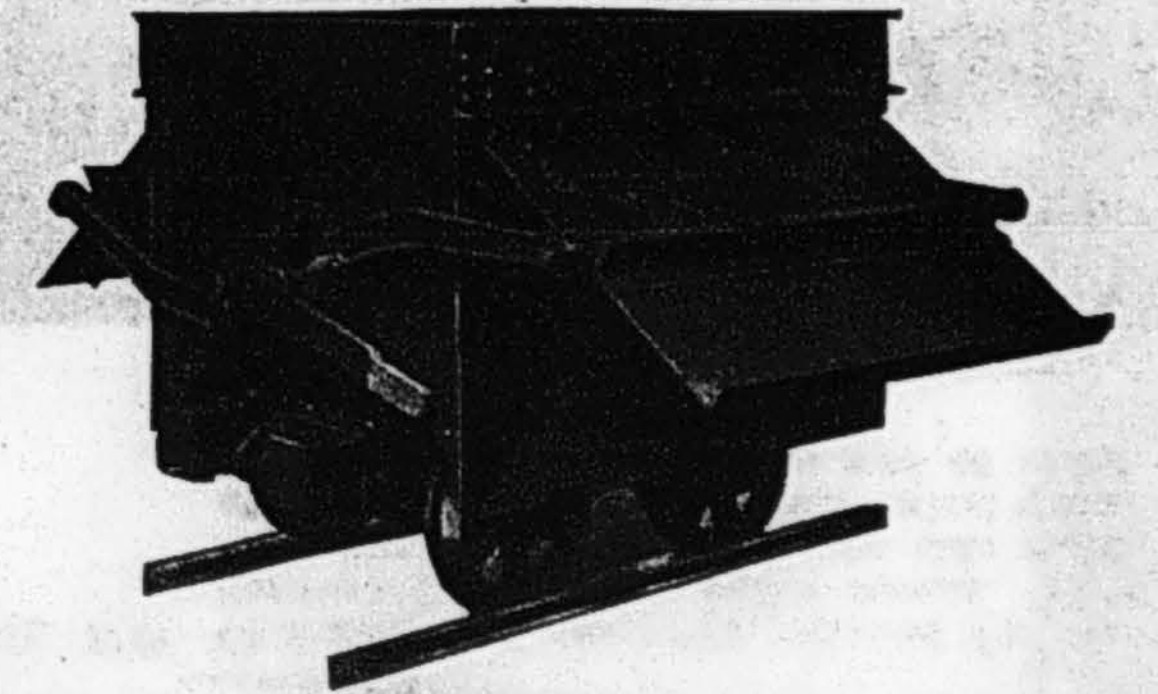
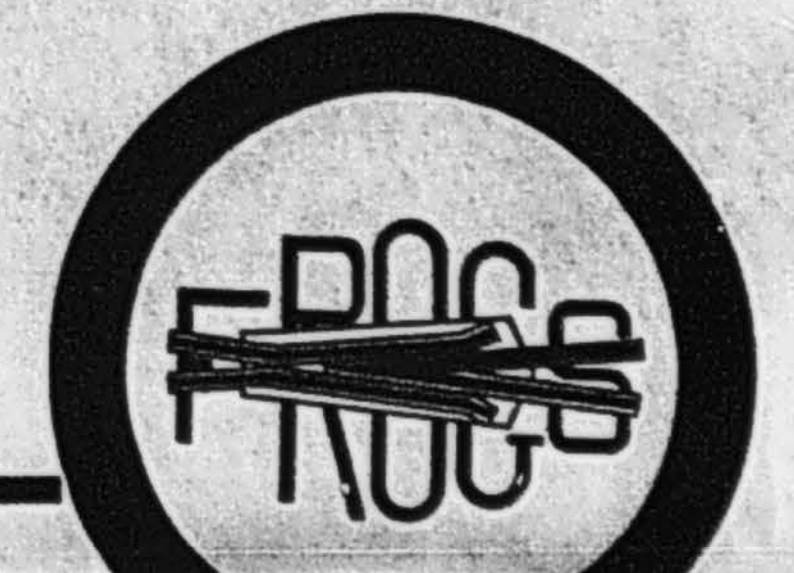
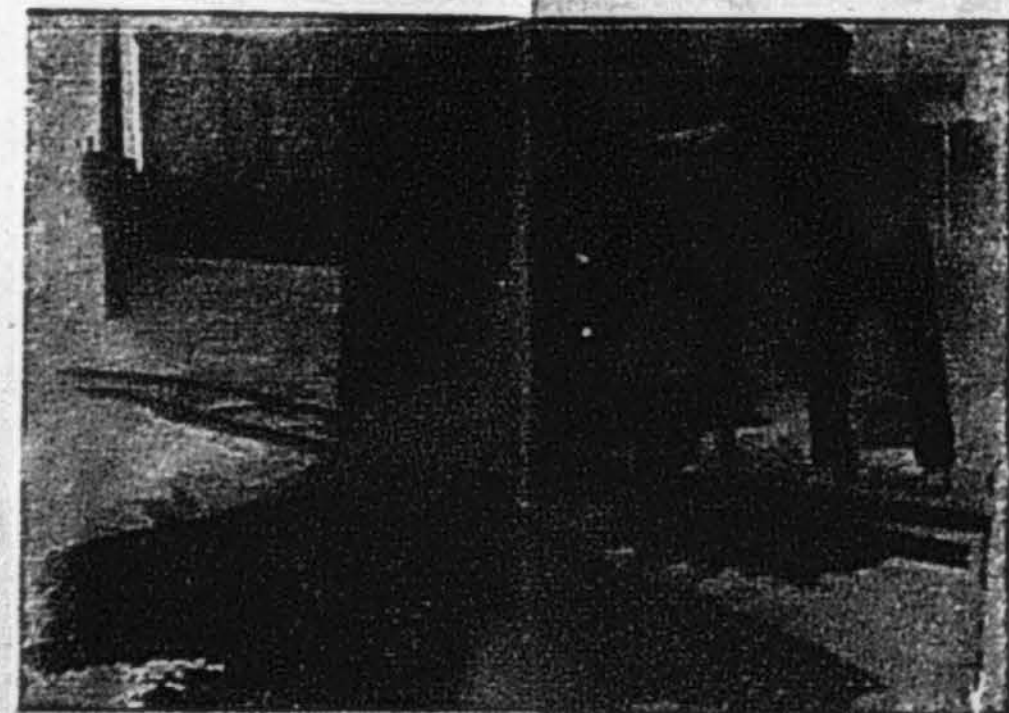


Fig. 7681—Gable Bottom Dump Car, for any capacity and gauge required.





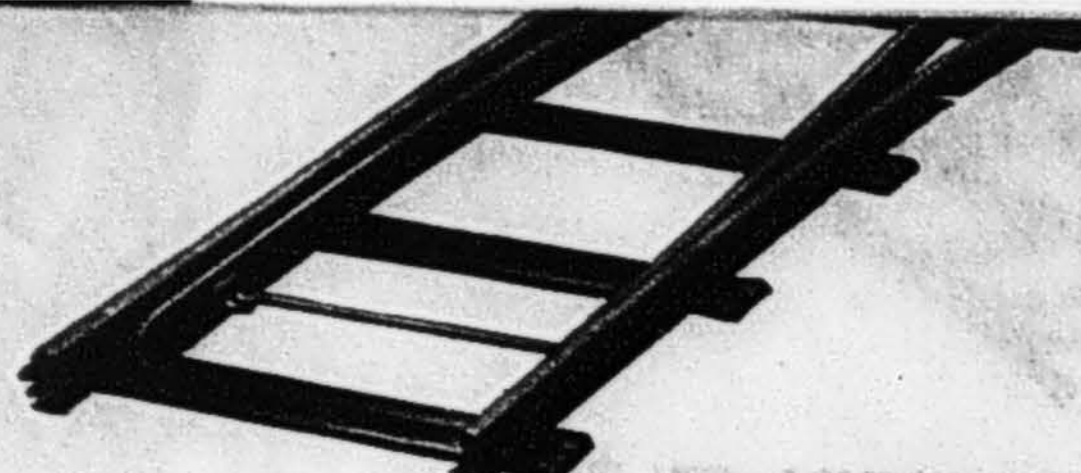


Fig. 7627—Portable Two-Way Switch.



Fig. 14674—Sizes from 12 to 70 lbs.

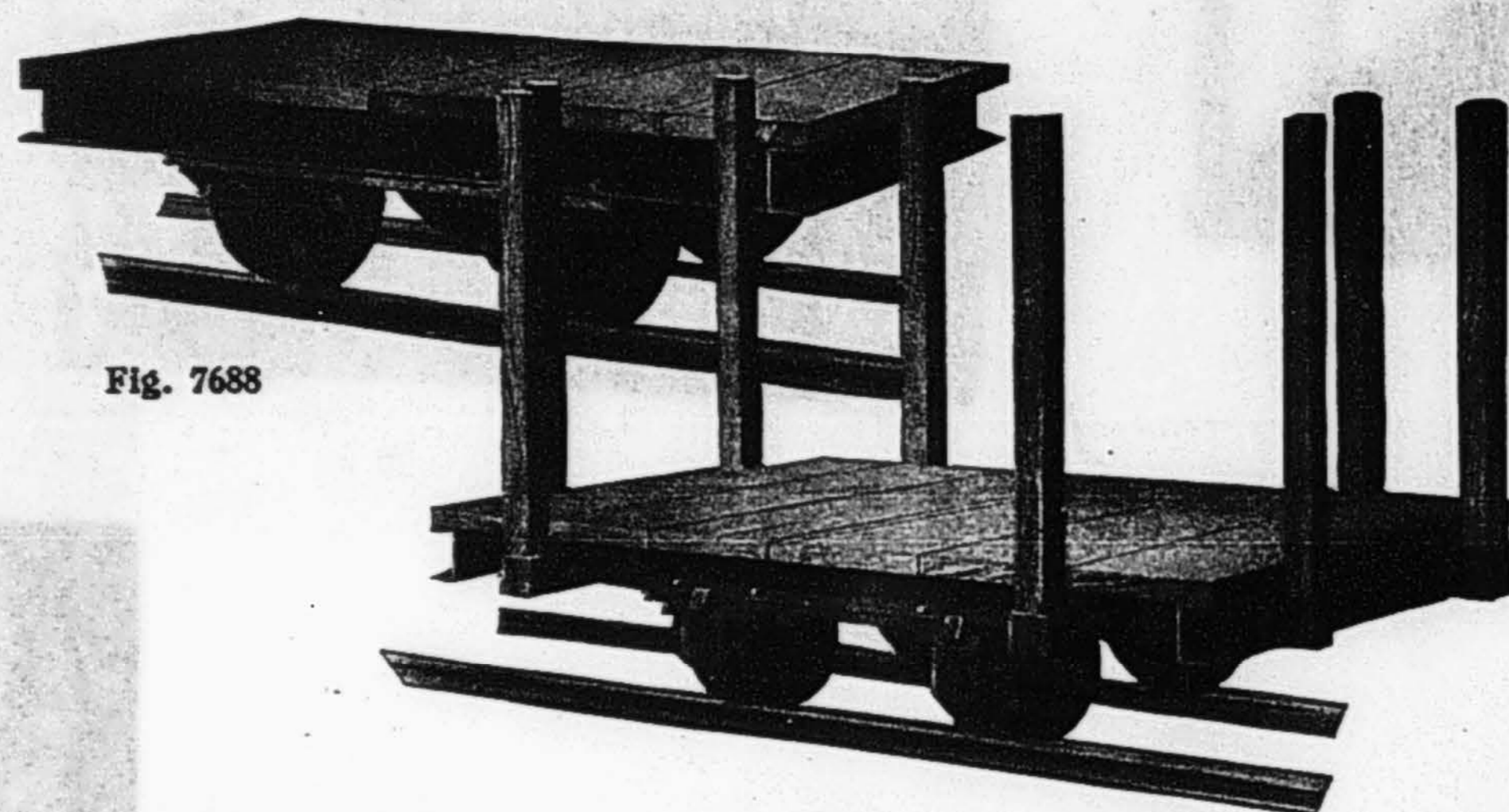


Fig. 7688

Fig. 7689

Standard Platform Cars, 2 to 3 ton capacity.



Industrial Railway in Foundry.



Fig. 7662—Standard Cradle, Double Side Steel Dump Car.

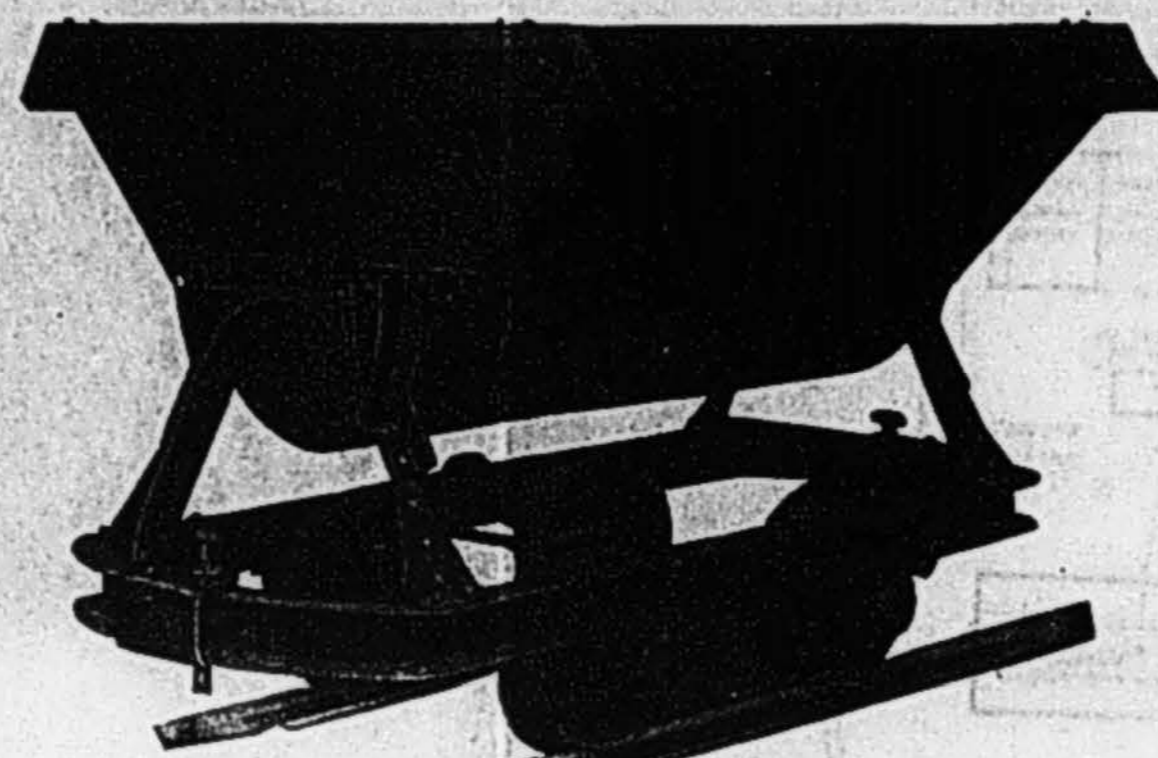


Fig. 1760—Koppel V-Shaped Dump Car.

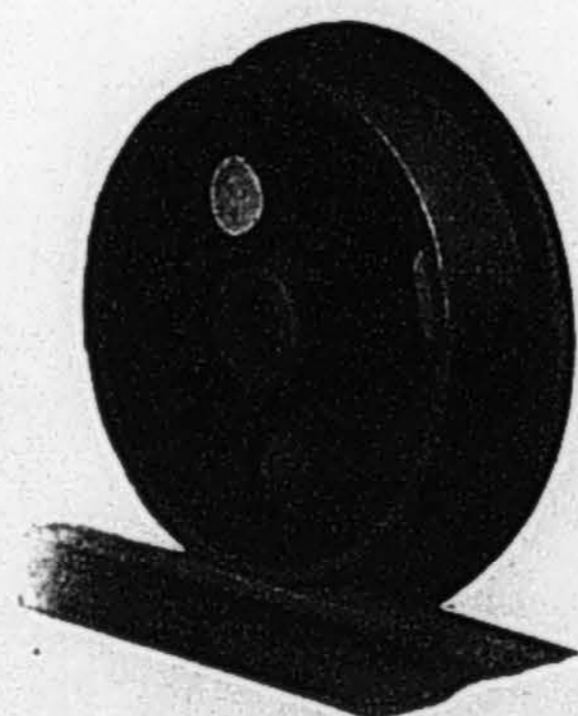


Fig. 7643. Cast Steel Wheel.



Cast Plate Track Installation, showing also Turntables and Switches.



Portion of Plant at Koppel, Pa. One of the largest and best equipped in this country.



Fig. 12349—4 yd. Square Box Dump Car.

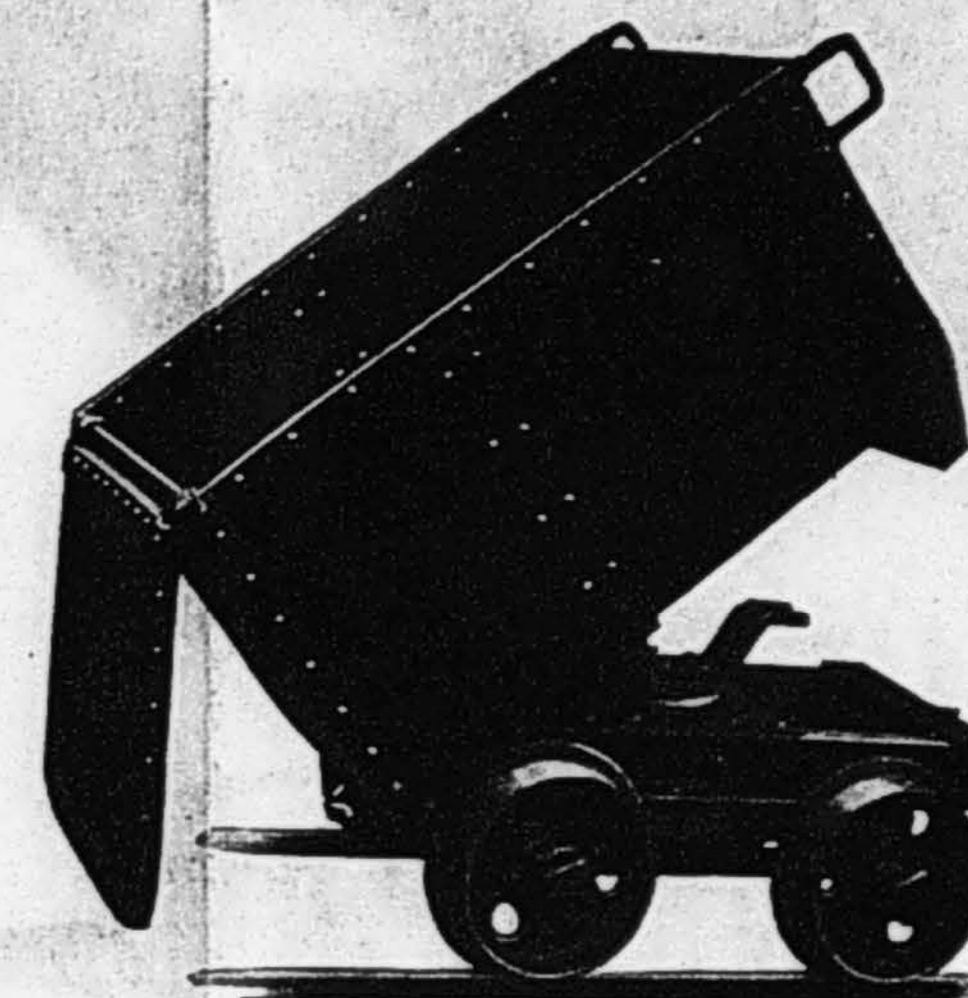


Fig. 5582—Square Box End Dump Car.

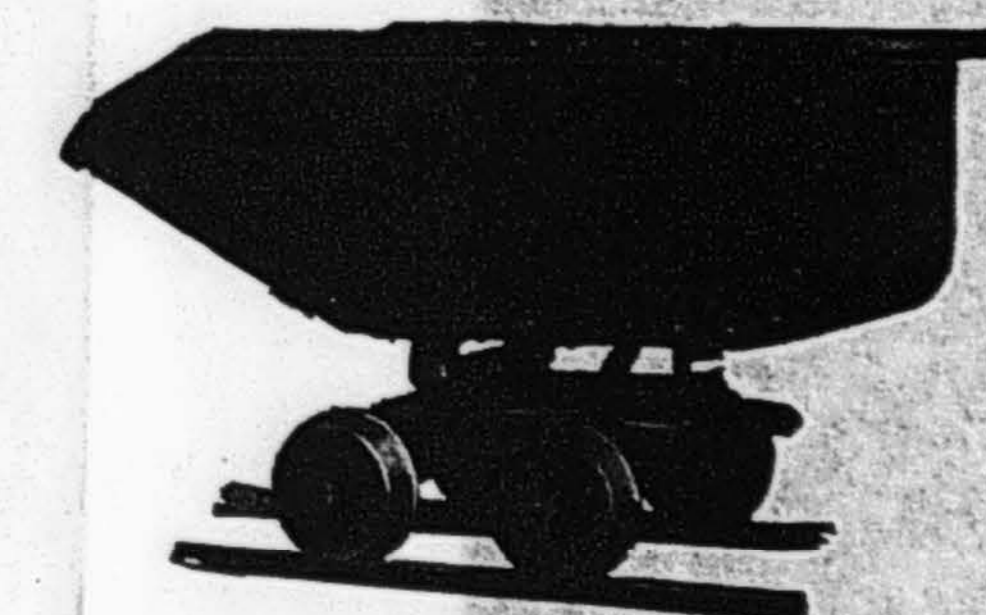


Fig. 5592—All-Around Scoop Dump Car, for capacities of 12, 18 and 27 cubic feet; for any gauge required.

# We Sell We Rent

We Carry in Stock

We Build to Order

Ask Us

For Prices

## But a few of the hundreds of items upon which we can save you money and time

### WRITE US

SALE OFFICES

NEW YORK PITTSBURGH CHICAGO SAN FRANCISCO  
MONTREAL TORONTO

MR. D. S. LAUGHLAND  
SPECIAL REPRESENTATIVE  
ORENSTEIN-ARTHUR KOPPEL CO.  
120 SOUTH LOS ANGELES STREET  
LOS ANGELES, CALIFORNIA



Fig. 14678-A

## Plant: KOPPEL, PA.

# ORENSTEIN-ARTHUR KOPPEL COMPANY



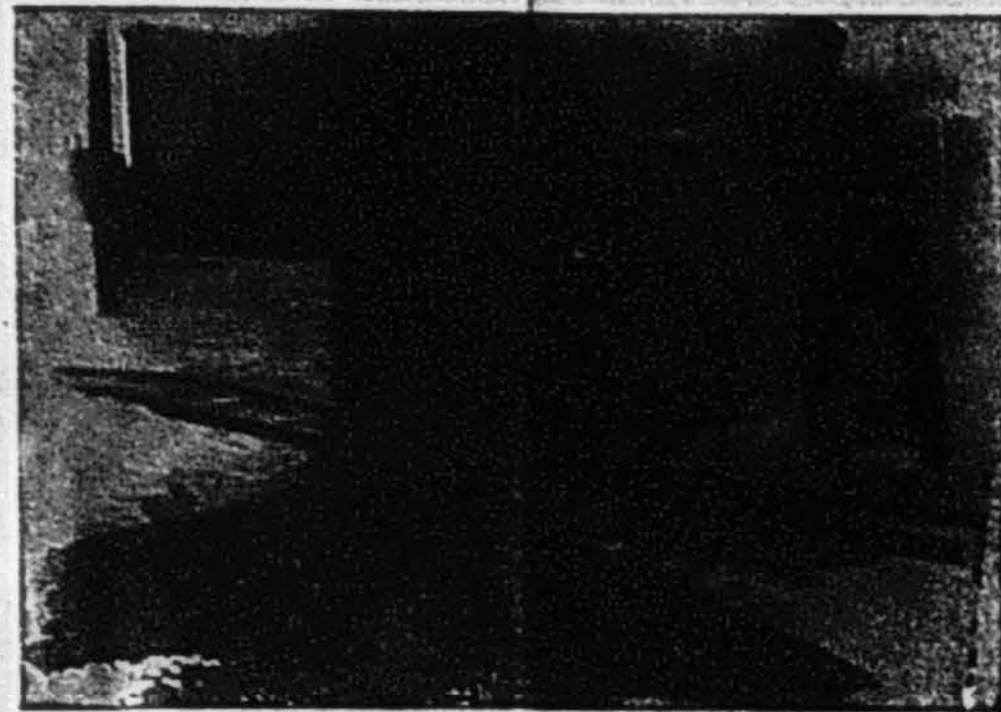
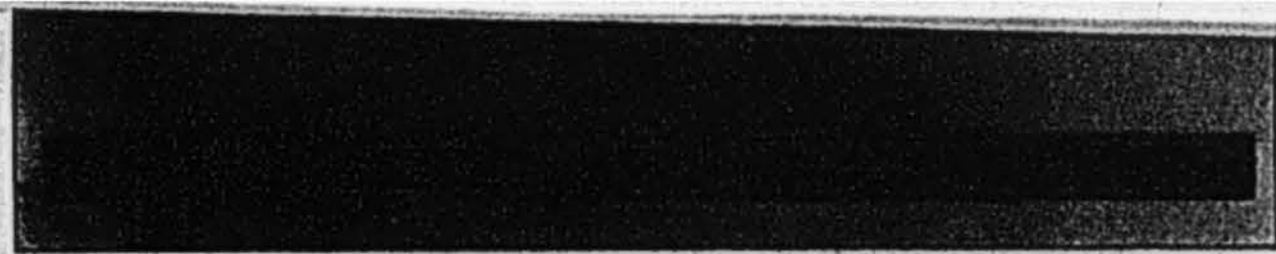


Fig. 7662—Standard Cradle, Double Side Steel Dump Car.



Cast Plate Track Installation, showing also Turntables and Switches.

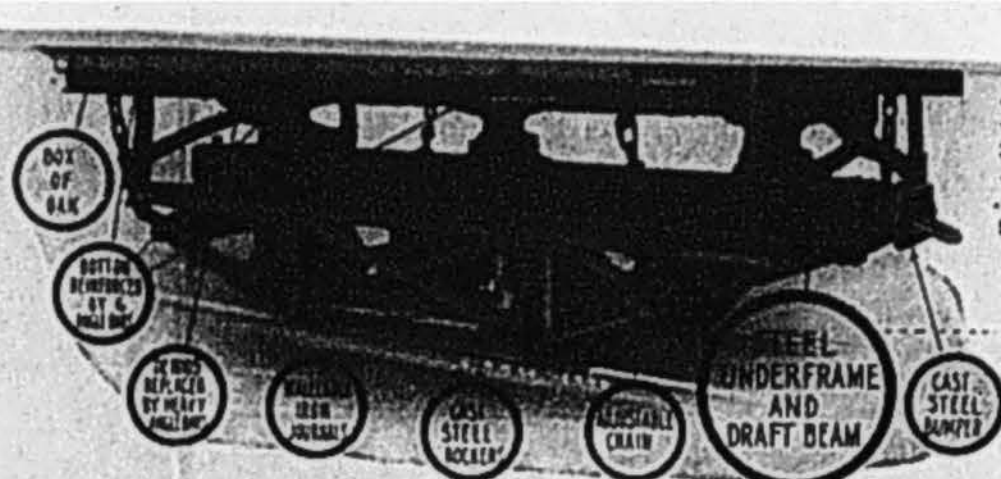


Fig. 12349—4 yd. Square Box Dump Car.

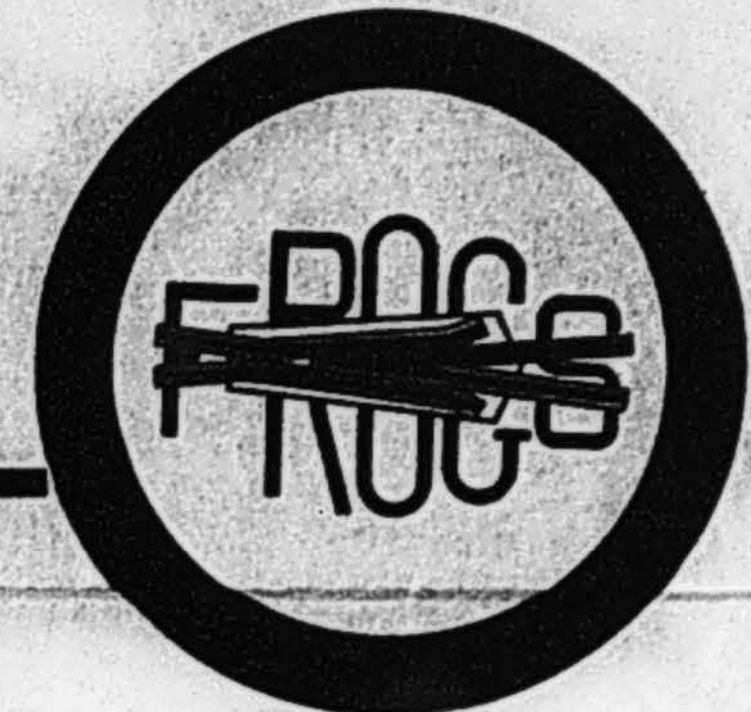
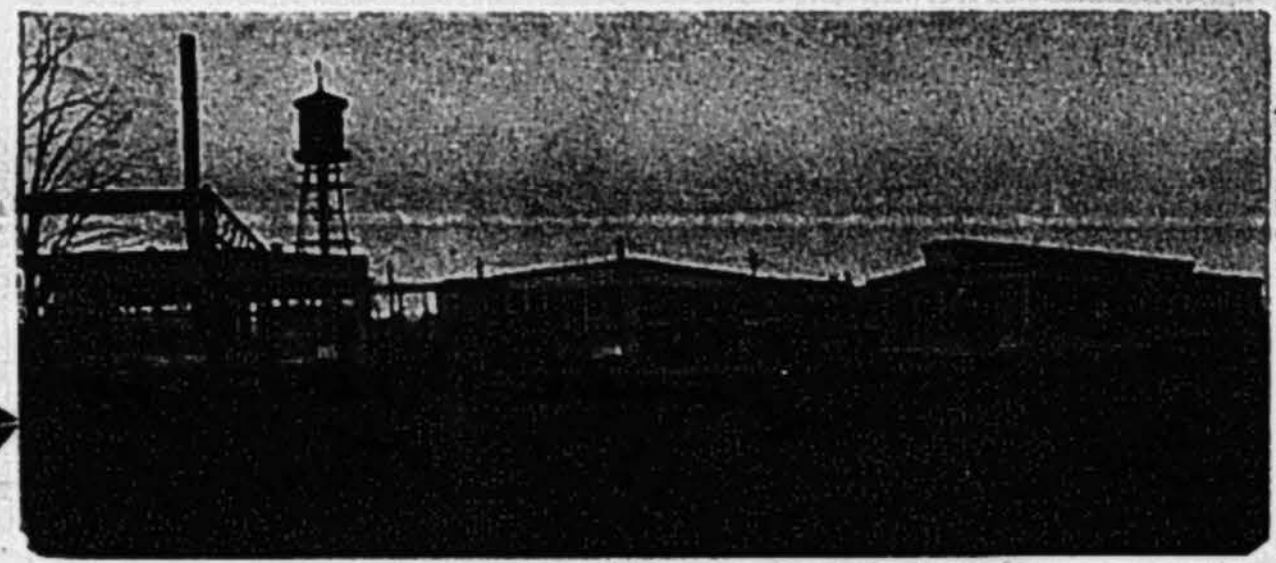


Fig. 14677.



Portion of Plant at Koppel, Pa. One of the largest and best equipped in this country.

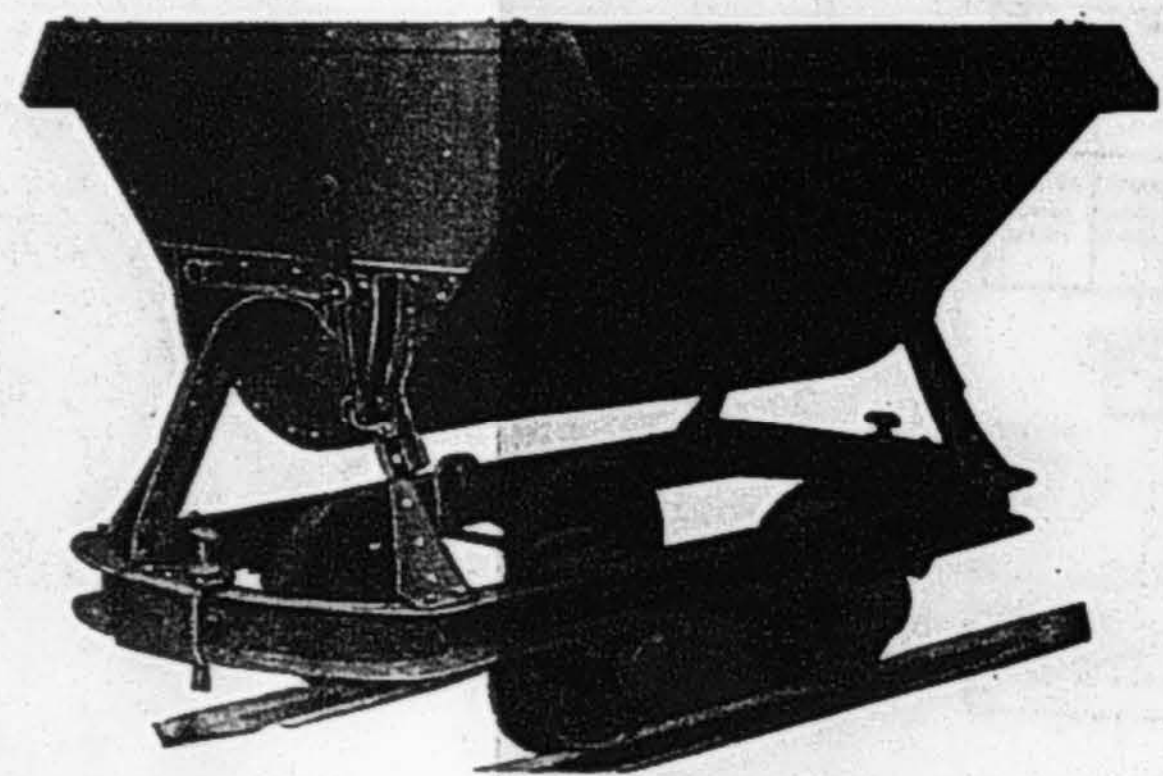


Fig. 1760—Koppel V-Shaped Dump Car.



Fig. 5582—Square Box End Dump Car.



Fig. 7719—Charging Car, specially adapted for the conveying of coal to boiler-rooms. This type can be supplied with two side doors or with end doors; also with swivel wheel base; for capacities of 20 and 40 cubic feet; for any gauge required.

# We Sell We Rent

We Carry in Stock

We Build to Order

Ask Us

For Prices

But a few of the hundreds of items upon which we can save you money and time

WRITE US

SALE OFFICES

NEW YORK PITTSBURGH CHICAGO SAN FRANCISCO  
MONTREAL TORONTO

EDD S. LAUGHLAND  
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LOS ANGELES, CALIFORNIA

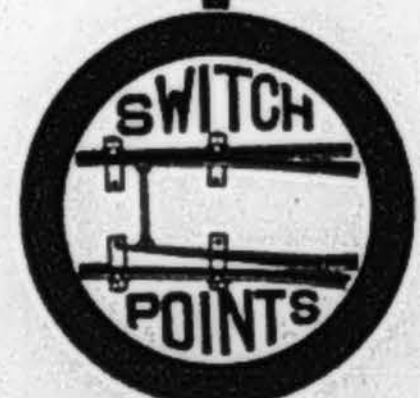


Fig. 14678-A

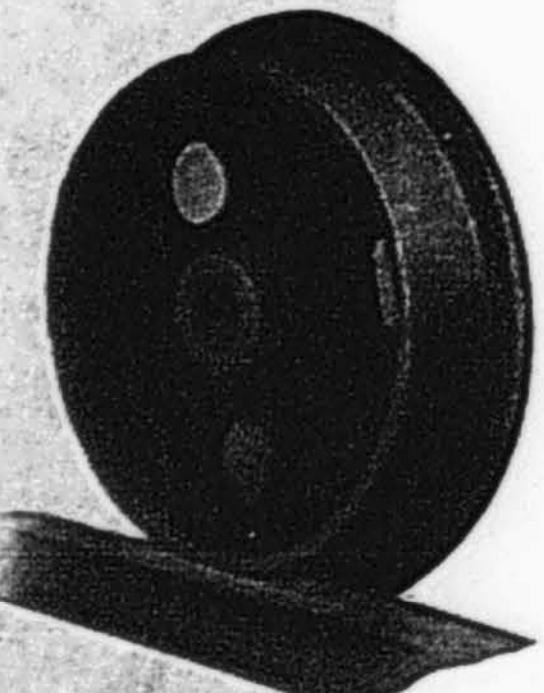


Fig. 7643. Cast Steel Wheel.

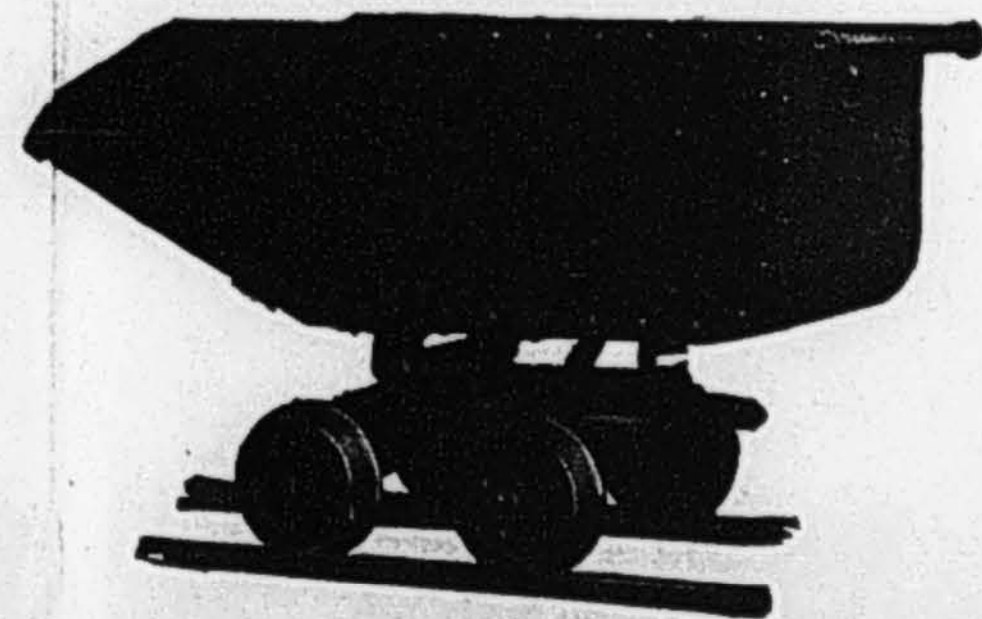
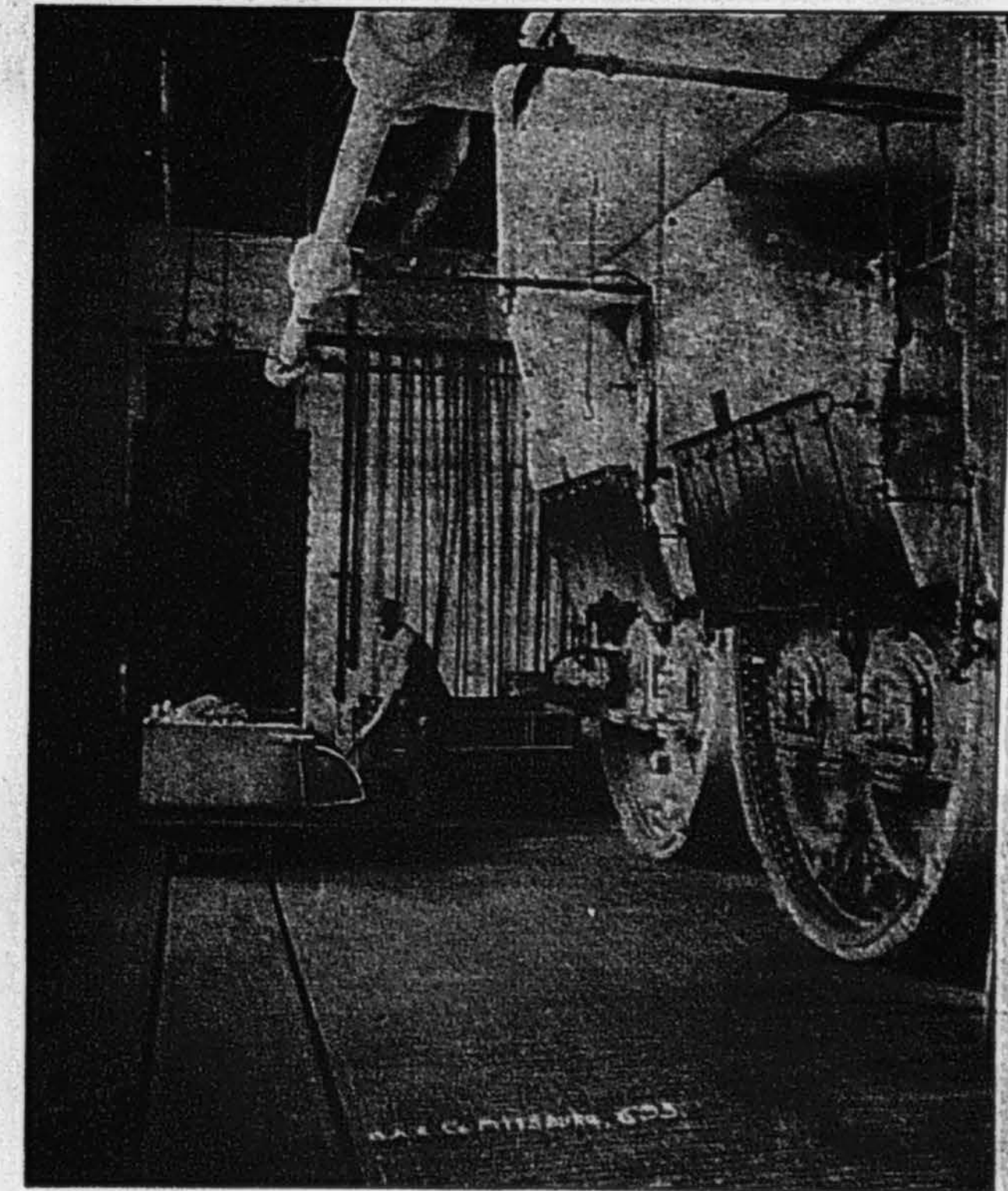


Fig. 5592—All-Around Scoop Dump Car, for capacities of 12, 18 and 27 cubic feet; for any gauge required.

Plant: KOPPEL, PA.

# ORENSTEIN-ARTHUR KOPPEL COMPANY



Cast Plate Track and Flexible Wheel-Base Charging Car in boiler room of New Chelsea Piers, New York City.



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SOUTHERN CALIFORNIA REPRESENTATIVES FOR

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WORKS: KOPPEL, PA.  
TELEPHONE  
MAIN 5736  
F 2887

120 SOUTH LOS ANGELES STREET

EASTERN OFFICES  
PITTSBURGH, PA.  
NEW YORK, N. Y.  
CHICAGO, ILL.  
PACIFIC COAST HEAD OFFICE  
227-235 RIALTO BLDG.  
SAN FRANCISCO

No. \_\_\_\_\_  
PLEASE MENTION THIS  
NUMBER IN YOUR REPLY

LOS ANGELES, CAL. Nov. 1, 1913

Volcan Land & Water Company,  
924 Eighth Street,  
San Diego, Cal.

Attention Mr. W. S. Post, Chief Engr:

Gentlemen:

Replying to your favor of the 30th. relative  
to a 16 cub.ft. End Dump Car, as per Fig. 14928, Catalogue *Page 45*  
900, we beg to advise that we will guarantee this car to  
operate easily, and we quote you a price on same of  
\$67.50.

We also beg to quote you on 20# Rails  
at \$2.00 per 100 lbs..

Joints, consisting of two fishplates  
and four bolts complete, 22¢ per joint.

Spikes for 20# Rail, \$3.20 per 100 lbs.

All of the above prices f.o.b. warehouse,  
San Francisco.

Delivery can be made immediately to you  
from stock on the above material, and we would advise

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NEW YORK, N. Y.  
CHICAGO, ILL.  
PACIFIC COAST HEAD OFFICE  
227-235 RIALTO BLDG.  
SAN FRANCISCO

No. \_\_\_\_\_  
PLEASE MENTION THIS  
NUMBER IN YOUR REPLY

LOS ANGELES, CAL.

Volcan Land & Water Co - 2 -

that, in view of the very heavy demand which is being  
made for rail and joints of this weight, that we have  
your order at the earliest possible moment.

Very truly yours,

ORENSTEIN-ARTHUR KOPPEL COMPANY.

By *K. Shubley*  
Engineering Department.

KS/NAO



2/2/17

170.20  
20.60  
190.80

NO. 1

THE UNIVERSITY OF CALIFORNIA

DEPARTMENT OF CHEMISTRY

LABORATORY

REPORT OF ANALYSIS  
OF THE SAMPLE  
SUBMITTED BY  
DR. J. H. ...  
ON ...  
DATE ...

LOS ANGELES, CALIF.

150 SOUTH LOS ANGELES STREET

*Handwritten signature*

O. E. KIEBOGEE '18' & CO. INC.



**Ed Fletcher Papers**

**1870-1955**

**MSS.81**

**Box: 20 Folder: 31**

**General Correspondence - Orenstein-Arthur Koppel Co.**



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