Head Office : Jordan and Melinda Streets, Toronto.

NEAR FUTURE OF STEEL

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ton per mile. We will, therefore, treat 1000 miles of lake water carriage as equal to 125 miles of railroad carriage. Of necessity this is only closely approximate, for water freight varies largely with distance. The heaviest item in water freight is the lay time of the steamers when loading and unloading. This will be realized when I make the statement that during the open or operating season a lake ore boat is in port about 50 per cent, of her time while operating on an average route 1000 miles long. And this in a district noted for having every improvement for quick loading and unloading. If the route be a short one the percentage of lay time, and consequently the cost of the freight per ton per mile, must largely increase. With these deductions Pittsburg pays the following freight costs in the assemblage of raw material: -------

Cost at Pittsburg. Ore—From mines to upper lake port 80 miles railroad freight. From upper to tower take port, 1000 miles water freight, equal to 125 miles railroad freight. From lower lake port to works, 155 miles railroad freight. Making a total on one ton of ore of 360 railroad miles. It takes 1.70 tons of 60 per cent. ore to make a ton of pig metal. Therefore the latter calls for a total of 612 railroad ton miles.

Coal—From Connelsville district to Platsburg, say, 80 railroad miles. Taking the same quantity of coal; which is the amount that is used, 1.70 tons, gives 136 railroad hat is used, 1.70 tons, gives 136 railroad

miles. Say one-half ton limestone per tou of pig equals 65 railroad ton miles. Adding these together we have: Ore, 612 ton

Cures

Remarkable Discovery That Cures This Dangerous and Disfiguring Disease Without Pain, Operation or Inconvenience.

TRIAL PACKAGE SENT FREE. Dr. John P. Haig, a well-known Cincinnati physician has had marvelous success with a remedy that cures Goitre or Thick Neck. And owing to the fact that most



miles; coal, 136 ton miles; limestone, 65 ton miles; total, 813 ton miles. At four-tenths of a cent gives a freight cost of \$3.25 per ton of pig-iron made. Remember, again, this is freight cost, not the freight charged.

Canada's Position.

Canada's Position.

Canada's Position.

Canada's Position.

Canada's Position.

the division of open hearth practice into the primary and the inishing furnaces, this might have been true. It is not so to day. In England and Germany iron much higher in phosphorus is used, and it is found that the basic slag which results is a valuable by-product, and commands a high price as a fertilizer. It is questionable whether we have quite enough phosphorus in our pig to give us this slag; but, if not, it can be cheaply added. For some very special brands of whether we had as much ore as expected.

Every test-hole put down, every heading driven, has proved the continuity of the ore and its improved quality when under cover. The existence of the submarine bed is proved and certain. On an extremely calm, smooth day its borders can be traced to a large extent by the naked eye. We have, perhaps, no right to put our hopes too high, but we should also remember that there is as yet nothing to indicate small limits to this deposit. So, igentlengen, commining at

thing to indicate small lamb posit. So, igentlengen, communicing the west and overlapping; like Bell Isl ore, into the sea in the east, do I f promise. West, central and east, or has its proper sphere. There will

Marmalade Oranges

This is the marmalade making season, and we have the best selected Seville Oranges for this purpose.

To those who desire it we offer an old well-tried Scotch recipe which many of our customers now use and commend.

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We have a few of these superb PIANOS in Grands and Uprights, and are giving special bargain prices to close out before stock. taking on the 1st March.

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First Vaudeville Appearance in Toron MARIE WAINWRIGHT and Her Own Company, Presenth "Jesephine and Napoleon" and "Lady Dye's Escapade."

BUNTH, RUDD & CO., Continental Eccentric MARVELLOUS MERRILLS. New Century Cyclists. GEORGE EVANS. "Honey Boy"-with New Songs. THE GREAT WILLIS TROUPE, THE THREE POIRERS.

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CRAND HOUSE TO-DAY THE BURGOMASTER Next Monday, Tuesday and Wednesday
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TORONTO OPERA HOUSE The Best of Pastoral Plays Original Big Production as Played 227 Nights in New York Next Week-"ME AND MOTHER

PRINCESS VALENTIN Last Time THE INDIAN NEXT WEEK-"KIDNAPPED."

Mendelssohn Choir Concert TO-NIGHT.

Rush Seats, 50 Cents.

"NEPTUNE'S CAVE" A FAIRY CANTATA. Author and Director, by St. Anne's S.S. Members, in St. Andrew's Hall. Saty Evening, Feb. 16. Admission, Adults 25c, Children 15c; teserved seats 10c extra.

TORONTO ORCHESTRA CONCERT MASSEY HALL THURSDAY, FEB. 281

BOXING Saturday, Feb. 16th Bobby Thompson v. Dannie McConnell (Philadelphia), 20 rounds at 138 pounds.
Willie Popp v. Willie O'Donnell (Buffalo),
10 rounds at 110 pounds.
Harley Davidson v. Willie Joy, 6 rounds at 135 pounds.

MUTUAL STREET RINK MONDAY, FEB. 18 Varsity vs. Wellingtons

Each team having won a game this will decide the Senior O.H.A. Championship of the Toronto District. CANADIAN TEMPERANCE LEAGUE MASSEY HALL, SUNDAY, FBB. 17.

REV. WALTER RUSSELL, B.D., the
Scottish Evangelist, will be the speaker.

Special song service, in which W. F.
Firth, the celebrated baritone, will take
part, with plano, organ and violin accompaniment. Chairman, W. F. Chapman,
Public School Inspector. Doors open at 2
p.m. Service commences at 3 p.m. Sliver
collection at the door. Everyone welcome.



Death of Gilbert A. Pierce.
Chicago, Feb. 15.—Gilbert A. Pierce, ex.
Minister to Portugal, formerly United States
Senator from North Dakota, and in 1883
territorial Governor of Dakota, died coday at his apartments in the Lexington
Hotel, after a long illness, aged 65. Mr.
Pierce was formerly a well-known newspaper man, having been editor-in-chief of The
Minneapolis Tribune and managing editor
of The Chicago Inter-Ocean. He was a
veteran of the civil war, and was mustered out with the rank of colonel. He was en
author and playwright of some note. Death of Gilbert A. Pierce

Captain Duguid's Return.

J. T. Duguid of the 48th Highlanders, and formerly captain of the Harbord-street. Institute Cadets, returned to town last Salurday, having been detained at Halifax by a mild attack of enteric, contracted on his voyage home from South Africa with the second Canadian contingent. Yesteday afternoon he was tendered a fermal reception at the institute, and made the redpient of a watch, locket and chain, together with an address of welcome on behalf of the pupils and staff. The proceedings were of a bright and impressive character, and conducted with the utmost enthusiasm on the part of all present.

Great Sale of Thoroughbreds. The most important sale of thoroughered blood ever held in Canada will take place at Grand's Repository, Toronto, on place at Grand's Repository, Toronto, on Tuesday, March 12. at 11 o'c'ock. The catalogue includes a collection of stallions, mares and geddings, being without doubt the best bred and most valuable lot Mr. Smith has yet offered. The usual sale wall be held on Tuesday next, at 11 o'clock.

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