

## Personal

CITY ENGINEER GRAYDON, of London, Ont., has been seriously ill with asthma lately

W. COLTER, of the Wabash Railway, is to be made district superintendent of the G. T. R. at Brockville, Ont.

H. NOAH, who was accused of stealing \$5,500 from the C. P. R. when assistant paymaster, has been released in New York.

THE engineer of the R. C. Y. C. launch "Hiawatha" had his right arm crushed in some machinery at Toronto Island recently.

RICHARD MITCHELL, engineer at the railway pumping station at Cayuga, Ont., was found dead in his engine room Aug. 3rd.

JAMES BROWNE, of the Grand Trunk repair shops in Stratford, Ont., was crushed to death by a locomotive tender falling upon him

W. BURKE, formerly employed in the Ontario Wheel Works, Gananoque, Ont., is now foreman of the St. Catharines Wheel Works, St. Catharines, Ont.

DAVID MORICE has been appointed Grand Trunk superintendent at the Toronto terminus, with full charge of the yards and transportation in Little York and Parkdale.

W. McDUGAL, JR., of Hamilton, Ont., has been appointed engineer of the Kootenai Navigation Company's steamers. During the summer he was on the S.S. "City of Collingwood."

THE bursting of an emery wheel in the Pontiac and Pacific Junction Railway repair shops, at Aylmer, Que., nearly killed Wm. Pothier. Pothier was removed to the hospital at Ottawa.

CHAS. H. WRIGHT, B.Sc., son of A. A. Wright, of Renfrew, Ont., has been appointed superintendent of construction of the Chateauguay and Northern Railway. Twelve miles will be built this year, it is said; twenty next.

THE Grand Trunk Railway system has made these appointments: Wm. McNab, assistant engineer in charge of the engineering and drawing office at Montreal; Robert Armour, assistant engineer, eastern division, office at Montreal.

ALEX. POTTER, of New York, consulting engineer, a graduate of Lehigh University, an associate member of the American Society of Civil Engineers, and an associate member of the Canadian Society of Civil Engineers, son of J. S. Potter, Kingston, Ont., was married recently to Florence H. Dangerfield, a practising attorney in New York city. Miss Dangerfield was the second woman admitted to the New York bar.

THE St. John Sun says that the D. A. Ry. Co.'s steamship "Prince Rupert" has a new staff of engineers and firemen as a result of a recent strike. A Clyde man, Wm. Colquhoun, is the first engineer.

FOREMAN McLEOD and a workman named Ryan were instantly killed, and another workman, St. Pierre, was fearfully injured, by a dynamite explosion on the O. A. & P. S. Railway, August 3rd.

AS the Grand Trunk will let its mason work by tender hereafter, the office of inspector of masonry, which has for a number of years been held by James Grant, of Belleville, Ont., has been abolished Sept. 1st

JOHN MERRIN, the oldest engine driver of the G.T.R., was recently presented by his fellow employees at Belleville with an address and a gold-headed ebony cane. Mr. Merrin entered upon his railroad career in 1848.

CHAS. E. BRITTON, of Gananoque, Ont., has been appointed Superintendent of the Rideau Canal system, made vacant by the death of Mr. Page. Mr. Britton is a man of ability, and for many years has been one of Gananoque's leading manufacturers.

FRANK H. DOTY, a member of the L. O. Engine Works Co., of Toronto, a well-known contractor, was killed at Hanlan's Point, Toronto, early in August. While superintending the working of a dredge, he was struck by a flying lever on the forehead, and was instantly killed.

J. J. ASHWORTH, formerly connected with the agency department of the Canadian General Electric Co., has retired from their staff to engage in independent construction and engineering work. Mr. Ashworth, on the occasion of his severing his connection with the company, was made the recipient of a handsomely engraved locket presented by the members of the Toronto staff of the company.

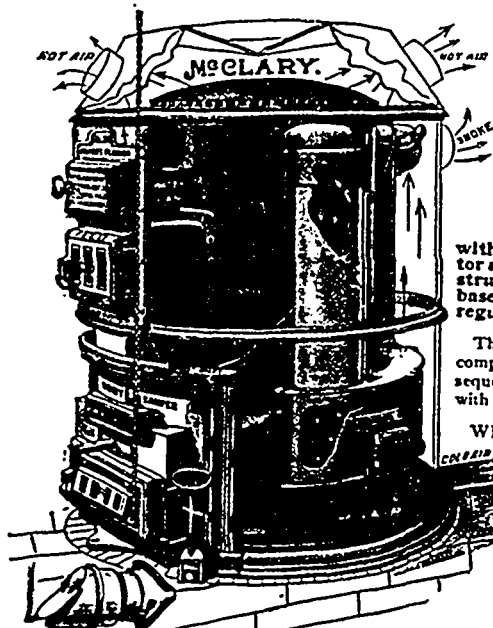
FRANK J. WATSON, who has been connected with the Grand Trunk Railway in Montreal for a number of years, has been appointed chief clerk of the staff in Hamilton. His departure from Montreal was made pleasant by the gathering at the Board of Trade of his many friends, who presented him with a handsome mahogany bookcase and gold locket set with diamonds.

JOHN W. PLUMMER, late manager of the Granite Mountain and Delamar mines, died on August 20th, in London, England. Mr. Plummer was an Algoma man, having been assistant manager of the Bruce mines in the sixties, and afterwards at Silver and Jarvis Islands, near Port Arthur, for a great many years. His later mining experience had been wholly in the Western States, where he amassed a large fortune. Mr. Plummer was married in 1872, to Miss McIntyre, a daughter of Governor McIntyre, of Fort William, Ont.

### SOLDERING GLASS.

An item has recently appeared in a number of foreign technical publications announcing the fact of a discovery which may prove to be of industrial importance. Two different alloys, melting at not too high temperatures, have been found strongly adherent to glass surfaces. One of these is composed of ninety-five parts tin and five parts zinc, and melts at 200° C. Another, composed of ninety parts tin and ten parts aluminum, melts at 300° C., and is said to adhere to glass with great force. It is further stated that, with either of these alloys, soldering glass is as easy as soldering metals. If the glass be heated to the melting-point of the solder, with the usual precautions for preventing its cracking, a small bar of the alloy may be passed over the edges if it is desired to join, and the edges, pressed together till they are cooled, will be firmly united. A wand of paper may be used to distribute the melted alloy evenly along the surfaces to be joined. Also an ordinary soldering iron may be used, as in soldering metals to metals. It is alleged that their alloys have a fine metallic lustre, which, under ordinary conditions, is well retained. This being the case, it would seem that such alloys might possibly be made substitutes for the amalgam of tin and mercury used in the manufacture of looking-glasses.

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