

PERSONAL.

Geo. A. JANIN, city engineer of Montreal, is at present in Europe on a short vacation.

P. J. MITCHELL, of London, England, who organized The Canadian P. J. Mitchell Company about two years ago, is spending a few weeks at Banff, Alta.

C. A. MEADOWS, B.A.Sc., has acquired the management of the newly-opened Toronto branch of the Dominion Engineering and Inspection Company, of Montreal.

R. C. HARRIS, commissioner of works for Toronto recently received an offer from Vancouver, B.C., to a similar position there at a salary of \$10,000 a year. Mr. Harris will likely remain with Toronto, however.

R. G. FINCH, of the State engineer and surveyor's staff, New York Barge Canal, has been spending a few days in Ontario acquainting himself with Canadian canal developments.

W. F. TELTZEL, provincial government agent at Nelson, B.C., has resigned his present position to accept the position of selecting and recommending sites for all public buildings throughout Western Canada. He will make his headquarters at Victoria.

OAKLEY T. BROWN, M. E., formerly combustion engineer on the Camden, N.J., engineering staff of R. D. Wood and Company, of Philadelphia, has been appointed chief engineer of The Mechanical Engineering Company, Limited, Montreal.

J. L. CHAMBERS, of Chambers, Limited, Toronto, has just returned from a business trip to Great Britain, while abroad Mr. Chambers visited the works of John Fowler and Company, Leeds, Manlove, Alliott and Company, Nottingham, Bertrams, Limited, Edinburgh and others of his principals over there.

HON. W. F. ALYMER, Dominion public works engineer at present in Vancouver, will go north shortly for the purpose of examining the Fraser River between Soda Creek and Lillooet with regard to the feasibility of navigation along the part of the river, and also to report regarding the channel in the south fork of the Fraser near Tete Jaune Cache.

FRANCIS A. JACOBS, the Montreal mechanical engineer who invented the Jacobs shop furnaces and oil burning equipment, has sold his patents and business to the Mechanical Engineering Company Limited, of Montreal. Mr. Jacobs becomes president of the new company. Mr. Graham being secretary-treasurer. The company has a well-equipped shop on Mill Street, Montreal. They are building furnaces and burners under the trade name of "Mecol," and are also agents for Canada for R. D. Wood and Company, of Philadelphia, and Mesta Machine Company, of Pittsburgh.

OBITUARY.

E. M. STOREY, a prominent architect residing in Regina, Sask., died on August 24th. Mr. Storey was formerly a resident of Kingston, Ont.

ALEXANDER MACFARLANE, D.Sc., LL.D., whose prominence as an educationalist in mathematical and physical research grew to be universal, died at his home in Chatham, Ont., on August 28th.

Dr. Macfarlane was born at Blairgowrie, Scotland, April 21st, 1851. He was a pupil-teacher at the age of thirteen, and in 1869 entered the University of Edinburgh, where he won many scholarships. In 1875 he finished an unusually extensive course in undergraduate study by taking the degree of M.A., with honors in mathematics and physics.

After graduation he won the MacLaren fellowship, and in 1878 he obtained the doctorate, after one year spent on botany, chemistry and natural history. His thesis was a remarkable experimental research into the conditions governing the electric spark. This brought him to the attention of the celebrated electrician and philosopher, Clerk Maxwell. In 1879 he was elected to the Royal Society of Edinburgh.

In 1885 he was called to the chair of physics in the University of Texas, and in 1887 received the honorary title of LL.D., from the University of Michigan. In 1891 he was actively engaged in organizing the Texas Academy of Science, and for two years acted as honorary secretary.

About fifteen years ago Dr. Macfarlane moved to this country, and since that time he has been actively engaged in mathematical research. A few months ago Dr. Macfarlane read a paper before the Royal Society of Britain that elicited much praise from its members. At a special invitation from President Falconer he gave, last spring, a series of five lectures on Vector Algebra at the University of Toronto. A brief of these lectures, written by Dr. Macfarlane, appeared in "Applied Science" for July.

Dr. Macfarlane lived in Chatham for the past nine years, during which time he took great interest in educational matters.

COMING MEETINGS.

THE NEW ENGLAND WATERWORKS ASSOCIATION.—Annual Convention to be held in Philadelphia, Pa., September 10th, 11th and 12th, 1913. Secretary, William Kent, Narragansett Pier, R.I.

THE ROYAL ARCHITECTURAL INSTITUTE OF CANADA.—Sixth General Annual Assembly will be held at Calgary, Alberta, September 15th and 16th. President, J. H. G. Russell, Winnipeg, Man.; Hon. Secretary, Alcide Chaussé, 5 Beaver Hall Square, Montreal, Que.

NATIONAL PAVING BRICK MANUFACTURERS' ASSOCIATION.—Tenth Annual Meeting will be held at Cleveland, Ohio, September 17th and 18th. Secretary, W. P. Blair, 824 Engineers' Building, Cleveland, Ohio.

CANADIAN PUBLIC HEALTH ASSOCIATION.—Third Annual Meeting in Regina, September 18th, 19th and 20th. General Secretary, Major Lorne Drum, Ottawa; Local Secretary, R. H. Murray, C.E., Regina.

ILLUMINATING ENGINEERING SOCIETY.—Annual Convention to be held at Pittsburg, Pa., September 22nd to the 26th. Secretary, I. D. Israel, 29 West 39th Street, New York City.

AMERICAN ROAD CONGRESS.—Annual Session will be held in Detroit, Michigan, from September 29th to October 4th. Secretary, J. E. Pennybacker, Colorado Building, Washington, D.C.

AMERICAN SOCIETY OF MUNICIPAL IMPROVEMENTS.—Twentieth Annual Meeting to be held in Wilmington, Del., October 7th to 10th. Secretary, A. Prescott Folwell, 15 Union Square, New York.

UNITED STATES GOOD ROADS ASSOCIATION.—Convention will be held at St. Louis, Mo., November 10th to 15th. Secretary, J. A. Rountree, Lo21 Brown-Marx Building, Birmingham, Ala.

AMERICAN ROAD BUILDERS' ASSOCIATION.—Tenth Annual Convention to be held in First Regiment Armory Building, Philadelphia, Pa., December 9th to 12th. Secretary, E. L. Powers, 150 Nassau Street, New York, N.Y.

AMERICAN CONCRETE INSTITUTE.—Tenth Annual Convention to be held in Chicago, February 16th to 20th, 1914. Secretary, E. E. Krauss, Harrison Building, Philadelphia, Pa.