

pendent as possible, so far as supplies of metals are concerned, which have been very badly hit and threatened by the economic war of our enemies. Our colleagues have been convinced for a long time that the attainment of this end would be best served by a large Institute of Research, in which, in the general interest, systematic investigation can be carried on and progress made in the domain of preparation, extraction of metal, and working-up processes from a technical and economic point of view.

"We considered it expedient to put this suggestion to the Kaiser Wilhelm Society, who, as is well known, has set itself the task, by the formation of Kaiser Wilhelm Institutes, of promoting and encouraging efforts in the domain of pure and applied science. Our suggestion, to which we attached a statement dealing with the sphere of the problems appertaining to such an Institute, had already been anticipated by the Kaiser Wilhelm Society, and as you are all aware, the matter has fortunately progressed so far that the early formation of a Research Institute for Metals may be looked for.

"As will be readily understood, our Society is taking a particularly active part in this formation, and a number of the members of our Committee of Management and of our Board of Directors is active on the preliminary commission appointed for this purpose. The co-operation of our Society will be effected by the right being referred back to us of nominating members to the Scientific Council and to the Board of Governors of the Institute. We will give expression to the hope that the Institute will achieve great results with its scientific research work in constant co-operation with actual practice, to the blessing of the whole of the German metal industry and with it of the German Fatherland."

PERSONALS

A. J. GRANT, formerly superintending engineer of the Trent Canal, now has his headquarters at St. Catharines, Ont., and is in charge of the work on the Welland Canal.

GEORGE H. OLNEY, formerly managing-director of the Eugene F. Phillips Electrical Works, Montreal, is again in charge of the company's affairs after two years' absence on account of ill health.

EDWARD MCGIVERN, master mechanic on the Chippawa-Queenston development of the Hydro-Electric Power Commission of Ontario, has resigned to accept a position as Superintendent of Works, Section 2, Welland Canal.

A. G. DALZELL, consulting engineer of Vancouver, has accepted a temporary appointment under Mr. Thomas Adams, to investigate town planning and housing schemes in the western provinces, starting at Victoria and working east.

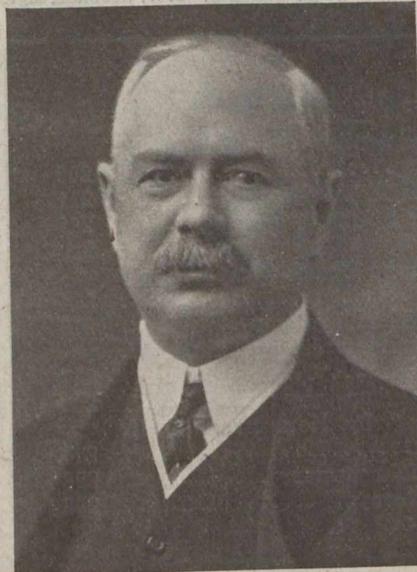
J. K. THOMAS and W. S. McDONALD, both of Calgary, Alta., have been nominated by the Calgary Board of Trade and Calgary Builders' Exchange as two of the four members who will represent Calgary on the National Council of the Association of Building and Construction Industries.

L. B. BEALE, formerly Eastern Lumber Commissioner for British Columbia, has been appointed H. M. Trade Commissioner for Western Canada by the Department of Overseas Trade (Development and Intelligence). Mr. Beale, who has been in England, will return to Canada within a month and in about two months will open offices in Winnipeg. His territory for the present will be from Fort William to the Pacific coast. Fred W. Field is trade commissioner in Ontario as far west as Fort William, and G. T. Milne is commissioner-general for Canada and Newfoundland, with headquarters at Montreal.

COL. C. H. MITCHELL will be Dean of the Faculty of Applied Science of the University of Toronto, according to an announcement made last Saturday by President Falconer. Col. Mitchell will succeed Dean Ellis, who is about to retire under the decision of the Board of Governors to pension professors at the age of 65. Senior member of the Toronto consulting engineering firm of C. H. & P. H. Mitchell, Col. Mitchell enlisted at the outbreak of war and soon became

head of the Intelligence Department of the second British army. After long service in France and Flanders, he was transferred to Italy, where he was in charge of similar work for the British Expeditionary Force to Italy. He has been mentioned in despatches a number of times and has been awarded the D.S.O., the French Legion of Honor, the Belgian Order of Leopold, the Croix de Guerre and the decoration of the Order of the Crown of Italy.

ARCHIBALD WILLIAM CAMPBELL, who is likely to be appointed by the Dominion government as Good Roads Commissioner to administer the Federal aid fund for the construction of highways, was born in 1863 in Wardsville, Ont., and was educated at the St. Thomas high-school. He afterwards studied surveying, acquiring the O.L.S. degree. From 1885 to 1891 he was engaged in surveying work in Western Ontario. In 1891 he became city engineer of St. Thomas,



Ont., which position he occupied for five years, during which time he carried on an aggressive agitation through the technical press for the betterment of country roads. In 1896 he was appointed Good Roads Commissioner of Ontario, and four years later became Deputy Minister of Public Works for the Province of Ontario. In February, 1910, Mr. Campbell went to Ottawa as Deputy Minister of Railways and Canals and chairman of the Government Rail-

way Management Board. While he was Deputy Minister of Public Works of Ontario, Mr. Campbell was a member of the Ontario Toll Roads Commission, and in 1909 was provincial delegate to the Good Roads Congress at Seattle. He became a member of the Canadian Society of Civil Engineers in 1888 and in 1910 was a councillor of that society. He is the author of many reports on roads and streets which have been quoted by the English press and reproduced by the German government. He has lectured on "Good Roads and Public Welfare," and was popularly known as "Good Roads" Campbell, as it was very largely owing to his untiring efforts that the good roads movement secured such an impetus in Ontario during the last few years of the past century. The "Ottawa Journal" recently said of Mr. Campbell that the good roads movement had suffered a serious loss when he was made Deputy Minister of Railways and Canals at Ottawa. "Better highways are for him almost a religion," says the "Ottawa Journal," "and in the field to which he has returned, he can serve the country better than anyone else we can think of. It is well that Mr. Campbell's exceptional experience and interest in the subject are to be turned to the advantage of the country as a whole. The good roads development must be carried out on an orderly and progressive program, and Mr. Campbell's appointment will insure this. Mr. Campbell is now preparing for submission to the government a report on the subject of highway construction in the Dominion. In it he will advise as to the best methods of obtaining the required co-operation between the federal and provincial authorities, and will recommend the adoption of legislation necessary to secure greater uniformity."

It is understood that the Canadian Pacific Railway contemplate making some improvements to their terminals at Vancouver. A new ocean pier will be constructed, and the necessary studies of the site are now being made, after which the work of dredging and filling will be immediately started.