T. McKenzie R. E. Layfield J. W. McLintock J. Nicholson W. Smith H. E. Rowell E. G. Southam W. A. Grocock A. Taylor J. Wright	J. Kennedy J. H. Morrison N. D. McIntyre W. Newman P. Robinson F. J. Ross G. Service A. E. Till A. Woodly G. Baldwin B. H. Fish	E. Logan W. Malott W. McGrath J. McKee H. Pedelty A. Stewart F. H. Squibb E. T. Spidy L. M. Watts A. M. Wickens W. C. Sealey
J. Wright	G. Baldwin	A. M. Wickens
G. Black	R. H. Fish	W. C. Sealey
F. R. Wickson	H. Eddrup	F. Scott
S. Best	L. S. Hyde	C. L. Worth

## Chairman,-

This is a fairly good list, but we have got lots of room for more members. I may state that these gentlemen have been approved of by the Executive and are elected as members of the Club.

The next order of business is—"Reading of Papers or

Reports and Discussion Thereof."

The paper to-night by Mr. Grocock treats on the device for using steam in a cupola known as the "Doherty" process of iron founding.

I notice we have quite a number of "Foundry" men here, and I feel sure that this paper will be listened to with the greatest of interest by them. I have much pleasure in introducing Mr. Grocock.

## THE DOHERTY PROCESS OF IRON FOUNDING.

By W. A. Grocock, Engineers' Representative, Toronto.

As probably the only Englishman who has successfully applied the Doherty system of Iron Founding both in England and the Far East of Burmah, I hope I may be able to place before you some interesting points to justify the selection of subject I have chosen, even at the risk of exemplifying the old saying of carrying coals back to Newcastle; for I understand Mr. Thos. Doherty is one of Canada's illustrious countrymen, hailing from Sarnia, Ont., and my loss is, that I have never had the pleasure of meeting him and comparing notes, or learning further from him of this interesting process.

It is said "fair play is a jewel," and I think you will all agree with me, that in discussing Mr. Doherty's invention or