widened the field of operations for the new company. Yet the success achieved by the Canadian Casualty and Boiler Inspection Company is due to the energy and experience of the management and staff. A. G. C. Dinnick, the managing director, is a gentleman of large business experience and ability. To his great activity is due the formation of the company and the selection of the staff. Himself a man of great capacity for work, he understands to pick and choose men whose expert knowledge and ability is designed to place the company in the front rank before long. This ability of Mr. Dinnick to choose competent men for important posts is indicated by his selection of A. M. Wickens as chief of the engineers' department of the company. Mr. Wickens, whose experience covers almost all branches of engineering, recently resigned the position of chief engineer of Public Works of the Ontario Government, in order to accept his present appointment with the Canadian Casualty and Boiler Insurance Layman, St. Louis; and a paper by T. C. Frenyear, of Buffalo, on a subject not yet announced.

Friday, June 12th, will be devoted to unfinished business and the election of officers. The Canadian General Electric Co. will entertain the members to a tally-ho drive around the city, on the afternoon of the first day, and a visit to the new works of the Canada Foundry Co. will be made on Thursday afternoon, in special cars, by courtesy of the company. The annual dinner will take place at the King Edward on Thursday evening.

## ONTARIO ASSOCIATION OF STATIONARY ENGINEERS.

The eleventh annual meeting of the Ontario Association of Stationary Engineers was held on the 25th ult. About seventy members were present, from Kingston, Ottawa,



A. M. Wickens.

Company. Bringing, as he does, expert practical knowledge to bear upon his deliberations, as chief of the engineer's department of the Canadian Casualty and Boiler Insurance Company, those who entrust the care of their steam plants to the company may be well assured of efficient and reliable service. Not only is the company in a position to give expert inspection of boilers, but it can also give advice on the erection and installation of any kind of steam or electric plant, on account of the thoroughness with which its engineering department has been formed. The policies of the company are reported to be especially favorable to insurers. Several new and liberal features have been introduced, while old-fashioned, irritating conditions are removed as far as possible. All these factors have combined to give the Canadian Casualty and Boiler Insurance Company a good start in business.

## CANADIAN ELECTRICAL ASSOCIATION.

Arrangements for the annual meeting of the Canadian Electrical Association are well advanced. The convention will open at the King Edward Hotel, Toronto, at 11 a.m., on the 10th June, by an address of welcome from the mayor; to be followed by the president's address, reports of the sectreas, and of committees. A paper on long distance transmission will be read by Paul Lincoln, of Pittsburg, Pa. The second day will be taken up with the reading and discussion of papers, among which will be; "Industrial Electric Drive and its Relation to New Shop Methods," by R. T. Lozier, Cincinnati; "Submarine Power Cables," by A. R. Henry, Quebec; "Single Phase Alternating Motors," by W. A.

A. G. C. Dinnick.

Bowmanville, Sarnia, London, Brantford, Hamilton, and Orillia. The election of officers resulted as follows: President, Chas. Moseley; Vice-president, J. G. Bain; treasurer, A. M. Wickens; registrar, W. G. Blackgrove, all of Toronto. The next meeting will be at Brantford.

## ENGINEERS' CLUB OF TORONTO.

Two regular meetings of the Engineers' Club, of Toronto, were held in May, on the 5th and 21st. At the former, a paper was to have been read, on Petroleum Industry in Canada, by W. J. K. Vanston; and at the latter a discussion was announced, on Street Pavements, led by C. W. Dill, but neither were given, on account of the absence of these gentlemen. On the 30th, a large number of the members visited Niagara Falls, on invitation of C. B. Smith, C.E., to inspect the development works going on there. The meetings have been suspended for the summer.

## THE ARMSTRONG CUTTING-OFF MACHINE.

The Armstrong Bros. Tool Co., Austin avenue, and Lincoln street, Chicago, are placing on the market a new machine designed for cutting off self-hardening steel, rapidly, accurately, and with economy. It is described by the makers as follows: In the manufacture of our tool holders it is necessary for us to cut off large quantities of self-hardening steel into cutter lengths. Our experience has taught us that this class of steel gives best satisfaction when cut off cold. The ordinary shop practice has been to cut the steel off hot or to break it off on the anvil. The objection to the latter method is that the break is liable to be very irregular, result-