

Mr. Kammerer: One word. My motive has been questioned by Mr. A. A. Wright, of Renfrew. My motive was to carry out what the Association was originally intended for and started for, and I challenge Mr. Wright to prove or to say that I am not right in what I am contending for this morning.

Mr. Carroll: I challenge him, for he was one of the officers, and was a supply man at the time. (Cries of question, question.)

A. A. Wright: I suppose I have the right of reply to Mr. Kammerer.

The President: You have the privilege from the President of replying.

A. A. Wright: I do not want anyone to think that I was casting any slurs upon Mr. Kammerer, but I merely wished to draw attention to the fact that central station men were anxious to have this thing run evenly, smoothly and nicely, and I believe Mr. Kammerer is acting in good faith and is speaking what he believes; I do not doubt it in the least. Whether he is right or wrong is a matter for us to decide when we vote, and it is not necessary for us to go into this thing particularly, but vote as we like and have no disturbance.

Mr. Carroll: There is a second nomination for 1st Vice-President; I have not heard it seconded.

The President: I was not aware it required to be seconded, but that there may be no question—

Mr. Thomson: I second it.

The President: Before I put the question, I desire to say, the position of the President in this matter is rather different from what it is on matters ordinarily before the convention; and I hesitate to make any remarks whatever, and will absolutely refuse to express my opinion pro or con. On everything else except the nomination of officers I, during the time that I have been and will be President, propose to have my say, and I think I have exhibited that tendency in this convention, but I do wish that the result of this vote shall be, not the creation of any ill-feeling, not the creation of any severance, but the cementing together of all the interests belonging to this Association. (Applause.) I would have preferred that the candidates for this office should have been confined to one name, or if there must be more than one name, several names; and I was rather pleased when I found that Mr. Black had been proposed by the Nominating Committee, and that Mr. Cary had been proposed by independent nomination. The issue would have been better for all of us if Mr. Black, Mr. Cary and Mr. Noxon had been offered for our votes, but as Mr. Black has withdrawn, the question is left for you now to decide as to whether you believe it is desirable in the interests of the Association that a man who is representing an operating company, or a man who is representing a supply company, both of them personally very popular men, shall represent the interests of this Association in an official capacity. Now, gentlemen, the ballot will be taken by each one writing the name of his candidate upon a piece of paper, and I will appoint as tellers Mr. Black and Mr. Anderson. Associate members are not entitled to vote, therefore when the tellers pass around and receive the ballots of each one, you will kindly see that they are active and not associate members. Gentlemen, in order to facilitate our progress this morning, while the tellers have your votes for 1st Vice-President before them for consideration, we will take up the question of the election to the office of 2nd Vice-President, and the name presented by the Nominating Committee is Mr. P. G. Gossler, of Montreal. (Applause loud and prolonged.)

The President: I cannot find anybody who has got the name of anybody else; therefore Mr. Gossler is 2nd Vice-President. (Applause.) The names presented by the Nominating Committee for members of the Executive Committee, for re-election from the old board, include that of Mr. E. E. Cary, who has been balloted for for the office of 1st Vice-President. Should it occur that he will have a majority of the votes for that position, some other name will require to be presented for the Executive Committee; therefore I will at the moment offer for your consideration only four names of the old committee: Mr. J. J. Wright, Toronto; Mr. A. B. Smith, Toronto; Mr. Ormond Higman, Ottawa; and Mr. John Carroll, Montreal.

Mr. Higman: I would ask you to withdraw my name, I have been on the committee now for a long time, almost since the flood I was going to say since the formation of the Association—and I would like to give place to somebody else.

The President: Mr. Higman can only give place to somebody else on this occasion by nominating somebody else.

Mr. Wickens: I would like to nominate Mr. Black to fill that position.

Mr. Carroll: While I would like to see Mr. Black on the committee, he has got to go in on the second ballot. Under the constitution we have to elect five of the present board.

The President: I have mentioned the names of only four of the five because Mr. Cary is under consideration by the tellers for the office of 1st Vice-President. In order to make the road clear for the election of five gentlemen of the old board, I can announce now the result of the vote for the office of 1st Vice-President: Mr. Noxon has received 26 votes, Mr. Cary 19. Mr. Cary therefore is declared to be, by the choice of this convention at present assembled, 1st Vice-President for the incoming year. (Applause.) Now, therefore, we have to consider for the Executive Committee entitled to be re-elected from the old board: Messrs. J. J. Wright, A. B. Smith, O. Higman, John Carroll, and one other, and Mr. Wickens has nominated Mr. Geo. Black. Are there any other nominations?

Mr. Cary: I would request Mr. Higman to give his consent to serve, because we will be in Ottawa next year, and outside of the great value of Mr. Higman's services in the past, and what I know they will be in the future, I hardly think he realized that we were going to meet in Ottawa, and really we cannot possibly get along without him. I know that from past experience, and if he will

only kindly consent to serve I think we will all feel grateful to him.

The President: I didn't take Mr. Higman's remarks in earnest at all. (Applause.)

Mr. Higman: I was going to say that I will serve in any case whether I am on the committee or not. My idea was to give a chance to those who had not had the opportunity hitherto, but if it is the desire that I shall remain on for this year, I certainly will.

The President: Then the names presented to you now are:

Messrs. J. J. Wright, A. B. Smith, O. Higman, G. Black, and John Carroll for the Executive Committee consisting of five members to be re-elected from the old committee. (Carried, amid applause.) Now for the five other members of the Executive Committee. And right here, gentlemen, I want to say that, with the exception of Mr. Carroll, Mr. Kammerer and Mr. Wickens, you seem to have forgotten the fact that everyone of you are entitled to nominate somebody else if you want to, and in this case I want somebody else to nominate another fellow. The names presented by the Nominating Committee are: Messrs. D. R. Street, Ottawa; A. Sangster, Sherbrooke; J. F. H. Wyse, Brantford; B. F. Reesor, Lindsay. Now for the last name on this list I want somebody to substitute another for, and that is Mr. Browne, of Montreal. As Mr. Higman said, Mr. Browne of Montreal can be of some value to you if he is not a member of the Executive Committee, and I think from what I know of him he would be really of more value to you if he was not on the Executive Committee, because he has not very much time to devote except in an entirely unofficial way. When I can give the time I can give it and will give it, as I have in the past, freely and willingly, but for official occasions it is not always convenient for me, therefore I ask somebody else to nominate someone in my place.

Mr. Wyse: With all due respect to your request, Mr. President, I think it is to the benefit of this Association that this Association take your request as you took Mr. Higman's, not at all in earnest.

The President: And as Mr. Higman did, I will do likewise. (Applause.) It is so much a matter of course and so much the regular thing that the nominating committee omitted to put on this document any officer or any name for the position of Secretary, Treasurer, and I, following their example and realizing that there was no other thing to be settled, forgot to say that we had to elect somebody for the position of Secretary and Treasurer.

(Cries of "Mortimer." Carried amid applause.)

The President: It was not necessary to put it on paper.

Voices: "No." (Applause.)

The President: We have but a very short time left to us this morning, and I suggest, if it meet with your approval, that instead of discussing Mr. Leonard's paper now, that we have read first the other two papers that are stated on our programme, and if we have time then we can discuss all three of them practically as one. While they are not of the same kind or character, yet they all refer to the technical line of our business. I would like to have nearly a day and a quarter left to discuss Mr. Leonard's paper, and I have no idea how much time I would like to have left to discuss Mr. Cary's paper, and I am sure as far as Mr. Turbayne's paper is concerned you will all employ the next few weeks in discussing amongst yourselves the value that it represents to you as operating men, because I presume that in the very near future the question of long hour burning arc lamps will be the most practical one we will have to deal with. I will therefore ask Mr. Cary now to read his paper on the incandescence lamp.

Mr. Higman: Before dealing with the system of arc lamps, I would like to place a resolution before the Association so that it will go in with Mr. Leonard's paper. During the last few years our officers have been greatly bothered to arrange settlements between electric lighting companies and municipalities in respect of arc lighting. Frequently—too frequently, indeed the contract is made in the terms of "candle power," a lamp of 2000 nominal candle power. That may mean something or it may mean nothing; I am inclined to the latter view of it, because it is extremely hard to determine the actual candle power of an arc lamp; it is dependent on so many things; so many conditions of the lamp when it is in operation arise that it is almost impossible to make a correct measurement of the light. There is the angle at which you take the light to be considered; there is the purity of the carbons, the mechanism of the lamp and several other things, the length of the arc and the time that the measurement is taken. And you all know that it is almost impossible to get a correct measurement of the candle power. So that in those cases where "candle power" is stated in the contract, we have been able to give little or no assistance. In other cases where the contract has been made in the terms of volts and amperes, we have been able to do something. I might cite a case. In Toronto a couple of years ago the municipality retained something like \$18,000 of the company's money under the plea that they were not getting what the contract said they should get. After a good deal of wrangling I was called in by both sides, and after testing the various circuits and a large number of lamps, and travelling all over Toronto for a couple of nights until daylight, I made my report, and found that the company was not only fulfilling its contract, but had been supplying 25 per cent in excess of what the contract called for. This was borne out by the measurements that had been made by the city electrician, whose report or statement they refused to accept. Now, the consequence of that report was this, that the \$18,000 was paid over the next day. So you will see, if we have a means whereby we can determine what is being done, it will work out to the advantage of the electric lighting companies. I might say in passing, that at Ottawa at the present moment there is one of these disputes going on. The crude city solicitor there has stated that a nominal 2000 candle power lamp means an actual 2000 candle power lamp. How he makes that out, I leave him to determine. The resolution I move is practi-