

Mr. Higman: The difficulty, of course, is not so much that I want to state what the actual voltage of the lamp should be, but that the energy shall be the basis of the contract, so that we may have some ground to stand upon. This matter came up in Chicago in 1893, in an almost similar resolution to this, to make it the standard of arc lighting. There are many reasons why you cannot make an absolute concrete standard unless you eliminate two things; first the quality, that is, the purity of the current, and the mechanism of the lamp; those would not be eliminated in that resolution and consequently we could not make it an absolute standard of lighting, but we are dealing now with the practical question of supply. Assuming that the carbons will be good and the lamps good, if energy under those conditions is applied to the terminals of the lamp, we will get in 99 out of 100 cases the nominal 2000 candle power. But the important point is to bury out of sight for all time the words "candle power" in regard to arc lamps.

Mr. Wyse: I would like to ask Mr. Higman whether he insists on withdrawing his resolution?

Mr. Higman: Or you might refer it to a committee.

Mr. Wyse: That is what I think might be more advisable.

The President: I understand the position now is, Mr. Higman has withdrawn his resolution?

Mr. Wyse: No, he has not; he allows it to stand, and I make a motion that it be referred to a committee, and the motion is seconded by Mr. Thomson.

Mr. Higman: Allow me to move that the committee be comprised of Mr. Gossler and Mr. Thomson.

The President: As I understand the position now, Mr. Higman withdraws his original resolution in the form he presented it, but offers a new resolution in lieu thereof, that the subject referred to in the resolution here proposed, be referred to a committee consisting of Mr. Gossler and Mr. Thomson, who will report to this Association at next convention what, in their estimation, is the best means of meeting the question at issue. Am I right, Mr. Higman?

Mr. Higman: That is the whole question.

Mr. Noxon: Seeing that the convention is practically unanimous upon the main issue—that is, making the energy the basis—would it not be better for Mr. Higman to make his resolution to that effect, and leave the question of what that shall be to this committee?

The President: I will take the liberty of answering that. The committee are now given broader powers than that; that is, they take up the entire question, and they make their recommendation in any particular they deem necessary.

Mr. Higman's motion is presented.

Mr. Yule: I think the gentlemen here do not sufficiently recognize the courtesy they receive from Mr. Higman in this matter. He has brought this up more than once, and is apparently not anxious to take any action but what would meet with the approval of the Association, and I feel he has received scant courtesy.

Mr. Higman: Not at all.

Mr. Yule: We ought to work in with him better than we are doing. I second the motion.

The President: I tried to take away the atmosphere of scantiness of courtesy by endeavoring to interpret Mr. Higman's desires, and I believe the rest of the members of the Association here appreciated the fact that I was interpreting Mr. Higman's intention to deal fairly with this Association and the members of operating companies.

Mr. Thomson: I believe Mr. Higman should be on that committee.

Mr. Higman: Let the mover and seconder be on the committee.

The President: The motion is before you, that a committee be appointed, consisting of Mr. Higman, Mr. Gossler, Mr. Fred. Thomson, Mr. Yule and Mr. Wyse, to consider the question of the interpretation that should be given to the delivery of current for arc lighting and to report at the next convention their recommendations in that respect.

Mr. Higman: Might we not have it "for the purpose of rating arc lamps on a basis of energy"—that would cover the whole thing.

The President: All right.

The motion carried.

Mr. Carroll: Under the head of General Business, I would move that the papers be held as read, and printed and incorporated in the proceedings of this convention.

The President: I object to that emphatically. (Hear, hear.) These gentlemen have gone to the trouble of writing these papers for us, and in one instance I know that the chairman of the committee on papers, in order to supply us with papers, took upon himself the task of writing a very important paper; it would be very scant courtesy indeed for us to adjourn now without those papers being read.

Mr. Yule: I move that the thanks of this Association be cordially voted to the Mayor and Corporation of the City of Hamilton, the Press, the Grand Trunk and Canadian Pacific Railway Companies, the Hamilton Street Railway Co., the Radial Railway Co., the Hamilton & Dundas Railway Co., the Hamilton, Grimsby and Beamsville Railway Co., the Cataract Power Co., the Hamilton Electric Light Co., the proprietors of the New Royal Hotel, the Local Committee, and others, for courtesies extended in advancing the interests of this convention.

Mr. Leonard: I second that.

(The President put the motion, which was unanimously carried.)

The President then called on Mr. Cary to read his paper. (See page 160.)

Mr. Cary: Owing to the short amount of time at our disposal, may I request you to allow Mr. Turbayne to read his paper in

advance; Mr. Turbayne has written that paper at my special request.

The President: Mr. Cary is our next 1st Vice-President and we will be glad to do anything he asks.

Mr. Turbayne read his paper entitled "Long Burning Enclosed Arc Lamps," (see page 159), which was greeted with applause.

Mr. Cary: In moving a vote of thanks for Mr. Turbayne's paper, I think the members would be interested to know that in response to our President's request upon central station men for subjects upon which they would like papers written, a number of replies were received, requesting a paper on the enclosed arc lamp and its use, and therefore I was particularly anxious this paper should be read. I suppose my turn comes next, and as I have received honor enough from the committee on papers, and as the inner man is entitled to something before we leave, I wish you would kindly excuse me from reading it and trespassing further upon the patience of our members. If there is anything valuable in the paper it is tabulated there in clear form. I am sorry to disappoint my good friend Mr. Gossler, who has his keen knife all ready for me when we got into discussion, but I think it would be wiser to allow the paper to drop.

The President: Some people have suggested that as Mr. Cary is so good natured and so willing, as he always is, to work hard, that he will read this paper on the train on the way down to DeCew Falls, but I hope when we leave here now we will leave to enjoy ourselves. When we leave, our business of this convention will be closed; there will be no opportunity of reopening it until the next convention, and my duties and my opportunity of talking to you as I have just now will cease. I only desire to say in closing this convention that I have not had in all my lifetime's experience, and it has been somewhat varied, as grateful an opportunity of realizing the good fellowship and the thoroughbred honesty of purpose of people who may not always agree with me, as I have found since I have been president of this Association. You took me up last year and unanimously, as you have for my successor, appointed me; it was a surprise, and if I had had time I would have refused. I have tried to do my utmost for the Association, but I have not been able to do all that I should do or wished to do, and I am particularly gratified that my successor is a man who will be able (and if he is not able he will find the opportunity to be able) to fulfill all the duties of President of this Association. I now resign in favor of Mr. Dion. (Applause.)

The newly-elected President, Mr. A. A. Dion, took the chair amid applause and said: Gentlemen, I do not propose to detain you at this late hour except to say that I am exceedingly grateful to you for the honor you have conferred upon me. I do not know that I ever did anything to entitle me to this honor, except in taking an active interest in the affairs of the Association, and in being a thorough believer in the usefulness and value of the Association. You can understand that following in the footsteps of Mr. Browne, after what you have seen of him during this Convention, I have not an easy task to perform, if I am to be judged by the standard which he has set. However, you may be assured that whatever little ability or knowledge I may possess will be applied industriously to the interests of the Association, and what I may lack in those qualifications I shall endeavor to make up in zeal, and zeal born of a thorough faith in the value of the Association. I thank you very much for the honor you have done me. (Applause.)

Mr. Higman: I beg to move, as briefly as possible, that this Association tender to the retiring President a hearty vote of thanks for the very able manner in which he has filled that office during the past year. (Applause.)

Mr. Dion: Might I be allowed to suggest that we include the names of the other retiring officers.

Mr. Higman: Yes.

The President, Mr. Dion, put the motion, which, on a vote having been taken, was declared carried unanimously, amid loud applause.

The Convention closed at 12.15 p.m.

Friday afternoon was spent as the guests of the Cataract Power Co. in making an inspection of the Company's extensive electric power development works at DeCew Falls.

NOTES.

It was fitting that the two pioneers of electric lighting in Canada, Mr. J. J. Wright, of Toronto, and Mr. Fred. Thomson, of Montreal, should occupy prominent places of honor at the banquet.

Several attractive and useful souvenirs of the convention were in evidence, among them being a nickel plated pocket match-box, having celluloid sides on which appear the name of the Royal Electric Co. and views of the Cataract Power Co.'s generating station; a stickpin surmounted by a miniature incandescent lamp and a union jack in the form of a bow, the gift of the Canadian General Electric Co.; a pen knife and case bearing the name and compliments of the Packard Electric Co.; a diamond-shaped eraser by the Canadian Rubber Co.

The Packard Electric Co., Limited, of St. Catharines, and R. E. T. Pringle, of Montreal, had their headquarters in parlour K at the new Royal Hotel, where they entertained their friends, as has been their custom in the past. They exhibited a full line of C. P. supplies, including the ordinary porcelain supplies and slate base switches, artistically arranged upon a board, the background of which was black and white. In addition to this they exhibited the new Diamond meter, which is claimed to be correct on inductive load, and a full line of the D. & W. enclosed non-arc fuses and cut-outs. The exhibit of the latter was the same as that on exhibition in Madison Square Garden, New York, during the Electrical Exhibition in May last.