

in the winter, thereby saving fuel in the summer and using the exhaust steam in the winter for heating purposes. Of course the installation of such a plant would be so high that it would be prohibitive.

Mr. Shales,—

The cost of installation would be so great that it would be condemned. The question of dollars and cents is of all importance.

Mr. Wickens,—

I have had a few elevator bumps in my life. I think when I first came to Toronto Mr. Shales put up four electric elevators which I had to operate afterwards. They were the first of the kind in Canada. We bought what we thought was the best elevator in the world, but I do not now advocate electric elevators and do not consider them equal to hydraulic. I am sure that Mr. Shales' paper has been very useful to us to-night, but his paper only reaches elevators in cities and in the class of buildings found in cities. There are the freight elevators, and bum elevators, these hurt more people than any other kind although they are supposed to only carry freight. I know this because I am connected with an insurance company where we carry accident policies on six or seven hundred elevators. The machines in our large office buildings are usually well handled and those in factories are fairly well looked after, but the machines I find trouble with are those in factories and warehouses that everybody gets on to and pulls the rope or one that any person runs. The matter of elevator inspection is right. The insurance man who inspects an elevator may make his recommendations, but he does not know whether they are carried out or not. There is no other business we come in contact with in the Dominion of Canada that needs thorough inspection more than the ordinary elevators and I think this Club would be right in passing a resolution and forwarding it to the Government that all freight elevators as well as passenger elevators should be inspected by proper officials. While there is a great deal about elevators which I would like to say, yet as the time is getting on I will not attempt it to-night. I wish to move a vote of thanks to Mr. Shales for the very able paper he has given us to-night.

Mr. Bly,—

I take great pleasure in seconding that motion. I think Mr. Shales desires the co-operation of this Club. I have been present at two elevator accidents. At the Simpson knitting mills I suppose we had more trouble than any other place. We invariably would get the elevator hung up by a truck or