

rolls of goods between the floors and the elevator, then somebody would come and kick the truck out and down it would come. One day a boy came rushing to me and said that some one was in the hoist. I saw the cables going down slack, looked down and saw a man hanging up by the head.

Speaking of the elevators at W. A. Murray's, when you put two elevators on to take the place of one they should do a great deal better work.

I think Mr. Shales has given us a great deal of information and the discussion has been interesting.

Mr. Wilson,—

When I made those remarks I did not wish to convey the slightest insinuation. Our elevators to-day make as many trips as any others in the city because we carry cash boys who ring the bell the same as the advanced salemen. While you say they have not the load that other elevators have, yet they are started and stopped just as frequently and that wears the elevator out as much as anything. I may say, however, that we have as fine an elevator room as any in the city. We pay pretty strict attention to our work there, at least I have always got credit for it. Another very important thing about elevators is the adjustment of the limit stop on the drum shaft. While it may be nicely adjusted yet if it is not kept clean the current will carry over to the different dead bearing surfaces and the car will be carried higher than it should go, also the reversing latches should make and break at their respective contacts at the same instant, this will avoid excessive flashing and burning at the points of contact.

Mr. Duguid,—

What we have heard about elevators to-night has been good, but it has occurred to me that it is not so much the elevators that need attention but the people that run them. In nearly every business it is not so much the inspection of the machine as the proper education of the man handling it.

Mr. Bird,—

There is one elevator which Mr. Shales did not say anything about. It is the hydro air elevator. How does it compare in point of economy with the others?

Mr. Shales,—

You have reference to those installed at the Canada Foundry. They pump the air instead of the water. They are very useful providing your air pressure is constant. They are just as economical as the others.