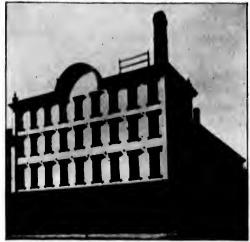
## \* The pamilton spectator \* Carnival Edition \* August, 1889 \*



HAMILTON ELECTRIC LIGHT CO.



HS city is very fortunate in having an excellent system of electric lighting, which gives general satisfaction, and is probably as cheap as any on the continent. About July, 1881.

timent. About July, 1984, the Hoyal electric company of Montreal sent their agent, W. H. Boidenillet, to Hamilton to make a re-

port on the prospect of introducing its sys-tem of are lighting into Hamilton, and with instructions, if the city was prepared to enter into a contract for street lighting, or private citizens could be induced to subscribe for from twenty-five to fifty lights, to notify the company and it would send on the necessary plant. Mr. Boisfeuellet, with characteristic energy, succeeded in getting thirty-five subscribers, the necessary power was obtained from the Spectator printing company, and in less than one month Hamilton merchants were being supplied with the new light. Immediately afterwards negotiations were opened with the city authorities, and Mr. Boisfenillet proceeded to prove to them that electric light was the best for street illumination. The gas company had the contract for street lighting until August 1, 1885. How-ever, an exhibition was given of the are lights on several streets, and the unanimous verdict was that as soon as the con-

tract with the gas company expired an effort would be made to light the business partion of the eity with the are lights. The gas company opposed most stremonaly the efforts of the electric light people to introduce their light, and, among other things, put np several large gas lamps to be compared with the arc lights. This comparison only had the effect of convincing the public of the advantages of the electric illuminant, and in April, 1885, the city advertised for tenders for fifty-five are lights, the subarent of the city to be lighted with gas. Tenders were received from two companies, but that of the Hoyal electric company was accepted, and on Angast 1 of that year the streets of Hamilton were for the first time lighted with electricity. So well pleased were the citizens with the sorvice and petitions were coming in as fast for additional lights that in less than two years over one hundred lights were in use.

In November, 1885, R. M. Wanzer, one of Hamilton's most enterprising citizens and manufacturers, opened negotiations through Mr. Boisfenillet for the purchase of the plant, franchises, etc., of the Royal electric company. transfer was completed, and Mr. Wanzer she The excellent indement in securing the services of Mr. Boisfeuillet to manage the business. The results since then have proved most satisfactory, and the business of the company then formed has steadily increased in volume. The business since Mr. Wanzer has taken huld of it has been carried on ander the name of the Hamilton electric light company. In the spring of the present year there was a demand for incandescent lighting, and after a thorough investigation of all the incandescent electric lighting systems, arrangements were completed with the celebrated Westinghouse electric company of Pittsburg-Pa., for the sele control of that system in Hamilton and the outlying district within ten miles of this city. In a very

few weeks a five hundred light plant was in operation, and so great has been the demand for this class of light that the Hamilton electric light company has arranged to put in tif teen hundred additional lights. From the first night the dyname was start. ed the lights have given the very hest satisfaction. The current is charged for by a system of meter registra tion, so that a customer need not pay for what he does not use. The enterprise of the company received a well merited reward when a short time ago the contract was awarded ar lighting the whole of the streets of Hamilton by electricity for a term of five years. The contract calls for the supply of 250 are and 52 mean descent lights, and any additional lights that may be required. The are lights will be placed in the centre of the city, and the incandescent lights in the outskirts, and when they are in operation Hamilton will be one of the best illuminated critics on the continent. The arrange-ments for supplying power are most complete. In the building of the company, at the corner of King and

Catharine streets, are seven boilers of one humdred horse power each, two three bundred horse power Wheelock engines, made by thidle & McCalloch of tailt, and one sixty-five horse power. Westinghouse engue; are light dynamos to run 250 lights for the streets and 50 lights for commercial use, besides the incandescent dynamos. Usidues to the carnival should not fail to call at the factory and see this splendic collection of ma-



THE DYNAMOS.

chinery in operation. The contrious manager, Mr. Boisfoullet, is always happy to explain the system and plant to these desiring information. The building is centrally located, being only one block east of the pestoffice. The lower flat is used exclusively for the electric light plant, and the other dats are rented for different manufacturing purposes. The electric light company heats the building and sup-

all. The company has a ten years' franchise from the city for sole rights, and sole conof the Thomson-Houston are light system, the Westinghouse incandescent sys-tem, the Sawver-Man electric lamps and the Westinghouse electric motors, all of which systems are unequalled in their particular lines. The company has given excellent satisfaction to the citizens ever since it began operations here, and, no doubt, with its improved equipment and extended resources, it will be in a better position than ever before to fully meet the de-mands of the citizens in providing them with manufac-tured sunlight. Mr. Boisfeuillet is at present engaged in locating the new city lights. and about fifty of them will

plies the necessary power to

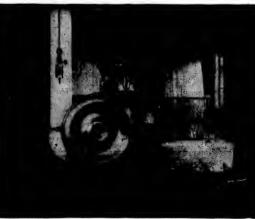
be in position during earning work. When this are all in proper southing order, the sits will present a vers halliked appearation from the monitation at tadds. The incandescent lights are being placed in the outlying stretcwhere it is not necessary, that the large are system should be established. They are about 25 candle power, and have the advantage over gas in that they are chooper and have the advantage over gas in that they are chooper and have the advantage over gas in that they are the power and have the advantage over gas in that they are the power and have the advantage over gas in that they are the power and and we denote the start of the gas in the start tending 6 this work which often gave rise to complain its and we denote the opporting on account of unighted streets. All this will be done away with in the future, and the efficience may be comparatheled on the wisedom of the board of works in making the choice of electric light instead of use for the dimension.

gas for the illumination of the streets of the enty. The electric light company has an agreement with the city, made bet spring, and ratified by the telephone and telegraph companies, specifying how the wires of the light company shall be placed on the poles, and has always shown a marked desire to respect the rights of all other wire hanging companies in this respect, with the result that harmony exists between these corporations. Finler this agreement with the city the electric light company has a patrolman on duty all right with a horse and rig. and it is his duty to respond to all fire alarms within the limits of the electric light circuits, so as to be prepared to cut off the current and, if necessary, the wires, in order to facilitate the operations of the firemen in raising had ders and working upon high buildings. As constituted at present the lights on the streets are included in the six circuits, and in cases of a fire or any occurrence that necessitates the cutting off of the current, the patrolman mounts a pole in the vicinity and closes the circuit on the station side. This simply extinguishes a few of the lamps on the side furthest from the ent, and they can be readily put in operation again. This, however, is an expedient that need only be used in cases of large fires, and merely shows the perfect system under which the business of the company is conducted. Mr. Botsfenillet

company is conducted. Mr. Bondenillet has under him a large and efficient staff of workmen and skilled electricians, and he is himself one of the best electrical engineers on the continent. At the present time of writing, 160 are lights and about 500 in condescent lights are in use, and the staff is actively engaged in extending the system throughout the eity to keep pace with the increasing demand for incandescent lights for private use, and in fulfilment of the recently signed contract for the lighting of the streets of the eity.

The science of electric illumination has been making great strides during the pastfew years, and has now attained to a state of perfection beyond the expectation of its most sanguine advocates. There is no longer any doubt that it is the light of the future, and it is rapidly displacing gas as an illuminating agout m every place where the two are brought into competition. As a motive power, too, electricity is rapidly becoming known, and it is used in most of the leading cities for driving street ears and hight machinery of various descriptions. For railway purposes it is expected that a system will specify he in use that will enable people to travel anders at a rate

of speed hitherto undreamed of, and in reality to annihilate space, as it has already been said to annihilate time, by transporting persons and freight at the rate of one hundred and eighty miles an hour and over. Already experiments are in progress, and a motor has been built which is reported to have attained this unheard of speed, which, considering the power, is not to be wondered at



ENGINE ROOM.

art that a of the The cold as youlty

perma w cra in achinery and prooses and os of the facted in

e the 1% imagened diterants, No other s chained t will inenciously hose only constitut in their

ely to be nd to the The malt nd is the ude. The res which afacturer, nt in the i facilities

the contilodges in

ustest and

