

AMONG THE ELECTRICIANS.

Past, Present and Future of the Dynamo.

THE TRANSMISSION OF POWER.

Electric Street Cars—Emerging From Barbarism—Electricity at Sea and its Various Uses in Peace and War.

A Remarkable Recovery.

Globe Democrat: Dr. Paige, of Prescott, Mass., reports a remarkable case of recovery from lightning stroke. The electric current struck the head above the left eye, passed on front of the ear, then descended, by way of the thorax, to the legs, passing down both of the toes, whence it left the body. The victim was unconscious, motionless, and without respiration or heart sound, and so remained for three-quarters of an hour. But, contrary to usual custom, there was no cessation of skillful efforts to restore life. The patient became cold, but circulation was encouraged by hot fomentations. When consciousness began to return analysis of the whole upper part of the body prevented respiration, and the flow of mucus and saliva threatened strangulation. But most persistent effort, adapted to circumstances, did produce complete restoration. The case is of immense importance, as showing that death by electric shock need not be by any means as frequent as they now are. The case is reported in full in Science.

The Transmission of Power.

Electrical World: Among the great popular attractions at the meeting of the British association are the lectures which are delivered in the evening each year by some scientific celebrity. At Manchester in 1887 it will be remembered, Prof. George Forbes delivered one of his brilliant and characteristic addresses on electric lighting. This year at Bath the address was delivered by Prof. Ayrton, who chose as his subject the electric transmission of power. The lecture was a success from every point of view and must have been very entertaining and instructive to the large audience. It showed how in ringing a bell or sending a telegraph message there is an electrical transmission of power, and then went on to describe what had been done in the distribution of current to lamps and to motors for electric welding. Prof. Ayrton stated that in America there were 4,000 motors driving machinery, while in Great Britain there were hardly 100; and he might have doubled the figures for America. In respect to electric railways he pointed to the work that had been done in this country, and he said that every English electrician who traveled in this country came back impressed with the enterprise and the happy-go-lucky success of their brethren here. As to high potential, whether for lighting or for power transmission, he was impressed by American practice, he was compelled to conclude that it was now what 30 miles an hour was half a century ago—uneasy, rather than dangerous. We are glad to see that every English electrician who traveled in this country came back impressed with the enterprise and the happy-go-lucky success of their brethren here. As to high potential, whether for lighting or for power transmission, he was impressed by American practice, he was compelled to conclude that it was now what 30 miles an hour was half a century ago—uneasy, rather than dangerous. We are glad to see that every English electrician who traveled in this country came back impressed with the enterprise and the happy-go-lucky success of their brethren here. As to high potential, whether for lighting or for power transmission, he was impressed by American practice, he was compelled to conclude that it was now what 30 miles an hour was half a century ago—uneasy, rather than dangerous.

Electric Street Cars.

Electrical World:—There could be no mistaking the keenness of the interest felt in electric locomotion by the street railway men who assembled in Washington. It is the question of the hour for a very large number of roads, and it is evidently going to be answered in the affirmative in a great many instances by the adoption of one of the other of the electric systems. The success with the cable, to which attention was drawn by Mr. Holmes, of whose advocacy any interest may well be proud, is at once striking and convincing. By that we mean that while it proves much for the cable in good hands, it is not less eloquent for electricity as one more means, and a better, of replacing horses. As we have said before, the competition does not lie between electricity and the horse, but between electricity and the cable. The horse is already out of the running, and of the various substitutes for him the only two commanding attention are the cable and the electric motor. Between these two methods no final decision will or can be made for the present. Probably there will be many new cable roads put in where cities have a large population, but even in those cases there will simply be a postponement of the verdict for electricity with its half a dozen ways of handling and propelling a car. No one can say that electric propulsion came worsted out of the discussion at Washington. Mr. Bracken certainly made a most favorable impression in regard to storage battery cars, while Mr. Blackwell on the conduit system, and Mr. Sprague and Mr. Mansfield on overhead methods of operation, were listened to with marked approval. Of course there was criticism, and some of it was pertinent, but at the worst it only meant that a few details were still defective, and not that the principle was a failure in its broad application. It seems but a day or two ago that we were told that no electric road had ever run with more than one or two cars, and never could; while now roads of ten, twenty and thirty cars are becoming matters of weekly note. If any body thinks that electrical engineers have reached their best results in the work thus far done, and hugs the belief, we can only be sorry for his delusion, and suggest that he study not merely the advances that have been made in electricities, in even the last five years, but the history of the improvements in steam and cable locomotion. Perhaps there was no more significant statement made, moreover, than the contention that in Quincy, Ill., and Cleveland, O., the consent of the property owners to the new electric roads to pass before their doors was overwhelming in its unanimity.

Emerging From Barbarism.

One would hardly think of going into the middle of the Pacific, to a country just emerged from barbarism, says a correspondent of the Electrical Review. To find modern electrical developments, but it is questionable if there is any place in the world so thoroughly up with the time in this respect as Honolulu, the capital of the Hawaiian Islands. With a population of about two thousand, it supports two telephone companies, having altogether a

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Celebrities who Have Done so at the City Jail.

DISTINGUISHED OMAHA VISITORS.

A Recently Catalogued—Exploits of Some of the Fraternity—Some Who Have Reached the End of Their Tether.

Rogues' Records.

There is an asylum located within the corporate limits of Omaha, for individuals who have been overtaken in their crusade upon the aims of justice. It is known as the police station. It is in the basement of a structure styled the Exposition Annex, and the main entrance faces North Fourteenth street. The rear portion of the room is set aside for prisoners, and contains an inner structure of chilled steel, which serves in sub-dividing the space into cells. The latter apartments do not possess a glass facing or rose-wood finish. On the other hand, huge steel bars in perpendicular form, placed four inches apart, are called upon to perform the functions of a barricade. By those who are not familiar with the nature of criminals a question might suggest itself as to the need of such uninviting surroundings, but to those familiar with crime and the nature of criminals no such question would ever suggest itself. Suffice to say that the circumstances are not few where justice has been cheated by the imprisoned effecting an escape through the instrumentalty of a saw, chisel or sledge, before discovered in his attempts to regain liberty.

Thousands of Dollars.

are spent every year by the people of this state for worthless medicines for the cure of throat and lung diseases, when we know that if they would only invest \$1 in SANTA ABBE the new California cure for consumption and kindred complaints they would in this pleasant remedy find relief. It is recommended by ministers, physicians and noble speakers of the Golden State. Sold and guaranteed by Goodman Drug Co. at \$1 a bottle. Three for \$2.50. The most stubborn case of catarrh will speedily succumb to CALIFORNIA CATARRH. Six months' treatment for \$1. By mail \$1.10.

He Went On.

Detroit Free Press: A couple of ragged dirty boys were playing in a yard on Clifford street yesterday when an agent for the sale of sham-holders leaped over the gate and asked if their mother was home. "Yes, but you keep out," replied the oldest. "But I want to ask her something." "It won't do any good, and she'll be hopping mad." "But can't I—?" "No. You'll ask her if she isn't president of a committee on the heathen, and she hasn't better put a little work on her own children, and she'll lick both of us and jaw father all evening. So you go on and let us alone."

A Man with Owl's Eyes.

New York Sun: John C. Dooley, one of the best known of the aqueduct inspectors of New York city, is, strange to say, almost blind during daylight. At night, however, his eyesight is so good that he has been appointed a night inspector on the masonry work, and it is said, can detect a weak spot quicker than anyone engaged in the same work. It is said that he has followed underground work so long that the pupils of his eyes are much like those of the owl than those of man.

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record, he soon found a position open for him in the ranks of the noted coterie of bandits, headed by the James brothers. He was with them in their lawless work for a period of years, and was among the first to dispatch the life of any person who dare interfere in their transactions. But persevering justice with her mantle of power hovered over his pathway, and while attempting to rob a bank in mid-day street, Northfield, Minn., years ago, he was riddled with bullets, and fell prostrate in death. Thus it will be seen why the huge iron gratings are an indispensable agency in the formation of a receptacle for that element of humanity that has been led from the path of rectitude by the wiles of the tempter.

R. J. CLANCY.

A National School of Music.

American Magazine: Mrs. Thurber knows that a national conservatory cannot be established at New York at the first stroke. She has clearly outlined her project, but the project must be attained bit by bit. It was mapped out in her mind several years ago, when, traveling between Toulouse and Certe, she took part in a conversation on music and on art in general with a choice party of French and English gentlemen. This conversation led her to think on the fly-leaf of a Bradshaw's Guide the plan of a national conservatory. Associated intimately as she was with European feelings and ideals, she was still intensely American in her anxiety to assist the art progress of her own country.

A national conservatory, as she had planned it, though necessarily more restricted in its scope than she wished it to be, was finally established, and it represented in her mind and in the minds of her co-laborers a purely industrial and patriotic enterprise. It was not, in other words, a money-making scheme. It was likely to be, on the contrary, a money-losing scheme, bravely philanthropic.

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