

EDISON ON HIS NEW BATTERY

EXPECTS IT TO ALTER ALL ELECTRIC TRANSPORTATION.

Can Be Charged in Very Few Minutes and the Large Size Will Go in a Suitcase - Butcher's Day's Deliveries Will Cost Him 25 Cents No Waste, He Says.

Thomas A. Edison thinks that he has now invented a storage battery that will overcome the three main objections to the ones now in use, weight, bulk and length of time required to store them. The new battery that he has been working over for months is so light that one large enough to run a butcher delivery wagon can be put into a suitcase. It can be charged in four or five minutes, he says.

It was at the meeting of the National Electric Light Association yesterday afternoon that Mr. Edison let this much and a little more be known about the work that has been taking most of his time recently. In spite of the fact that it was he who invented the electric light years ago it has never entered the mind of the thirty-four conventions of the N. E. L. A. When he came on to the stage he was cheered for a full minute.

Samuel Insull talked for Mr. Edison, for the latter seldom makes a speech. Mr. Insull told them that Mr. Edison thought the electric lighting industry was in mighty good hands at the present time and that he considered it a privilege to be able to be present.

It was after the meeting was over that Mr. Edison was cornered by newspaper men and seemed really glad to talk.

His new battery would revolutionize surface car transportation, he thought. Some of his batteries are already being tried out on the Twenty-ninth street cross-town cars, but the new ones are not to be compared with those. The new ones can be stored under the car, he said. They can be "trashed," he said, when it came to charging. Full current from the ordinary feed wire can be turned on at the end of each trip and in four minutes the batteries will be charged. Mr. Edison is very sure that they are economical and very cheap, but how cheap he has not figured out.

The most startling part of what Mr. Edison had to say pertained to the use of the new batteries in vehicles. He told of an old delivery cart that he turned into an electric motor in no time. All he did, he said, was to take off the shafts and install one of the suitcase variety storage batteries along with a motor. He said that he found that the battery could do the ordinary delivery work of a butcher at a remarkably small cost.

A ten minute charge would carry it over fifty miles, or it could be charged for smaller periods while loading up for each trip. The whole cost of a day's delivery for the average merchant was about 25 cents, he thought. He figured out that this new butcher wagon of his would make seventy-two average trips on a total charge lasting seventeen minutes.

Another interesting feature in Mr. Edison's account of his invention is his assertion that there is no waste or leakage.

Mr. Edison also told of the stage bigger than that of the Metropolitan, he said, which his company had in the Bronx and on which he was training sixty actors for parts in his new "talking moving pictures." None of these are out yet, but it will not be long before his forty dramas will be on the screens, he said. He is ready, Mr. Edison said he did not see why the speaking pictures could not be applied to Shakespeare as well as anything else.

He was asked what he thought of the welfare work for electric lighting employees. He said he considered it a crowning thing and that the movement could count on his support.

The inventor said he did not think that any lighting corporations could be put in the same class as the Standard Oil and the tobacco trusts and were not of great danger of dissolution. He was sure that the lighting companies were giving the public a square deal and to prove it he spoke of the June conditions of rates. He was optimistic as to their future.

SNOW'S JUNE 1 CROP REPORT

Dry, Hot Weather in May Has Caused Depreciation in Grain Conditions.

Chicago, June 1. - Snow's crop report for June 1 makes the condition of wheat \$2.5, against \$7.0 on May 1. Taking the Government average and 17.5 bushels as par, the present report indicates a drop of 4.5 bushels.

Dry weather during May, accompanied by high temperatures during the last half of the month, caught the crop just heading over important districts and rapid deterioration followed. The heaviest loss is in Kansas, Texas and Illinois. Hessian fly damage is showing up to a greater extent than usual in Indiana, Illinois and Missouri.

As harvest approaches spring wheat average shows an increase of 4 per cent, making the area 20,500,000 acres. The condition is 63.8, about normal for June 1.

The acreage of oats is reported at 34,583,000, or 700,000 less than last year. During May there was a heavy decline in condition in the Ohio, middle Mississippi and lower Missouri valleys, where the crop came into the hands of the weather, cutting the crop prospects heavily. The average condition is 87.5, the lowest reported at this date since 1904, when a June condition of 81.6 was followed by a partial crop failure in the northern part of the belt. Where the crop is only in first stages of growth the State conditions are very high, owing to the low prospect in the country where the crop turnout is permanently fixed.

The present condition in Texas is 77, or 12 points lower than a year ago; in Oklahoma, 72, or 10 lower; in Missouri, 76 or 13 lower; in Illinois, 83, or 14 lower; in Indiana 81, or 13 lower; and in Iowa, 81, or 13 lower. These figures forecast a crop under 1-0,000,000 bushels in spite of high earlier season promise in the Northern States, where the crop must undergo all the vicissitudes of the season.

The hay crop, including meadows, clover and wild grass, is very short in nearly all districts west of the Allegheny Mountains, the result of lack of rainfall for the last six months and abnormally high temperatures during May. The total tonnage will be the smallest for a number of years.

BLACK INDICTED FOR FORGERY

Two Charges of False Entry in Loan Company's Books.

T. Atherton Black, treasurer of the Knickerbocker Savings and Loan Company, closed May 29 by order of the Superintendent of Banks, pleaded not guilty yesterday in General Sessions to two indictments charging him with forgery in the third degree. The first indictment supercedes the indictment for grand larceny, the charge on which he was first arrested.

It is alleged in the first indictment that on January 25, 1910, Black made a false entry in the cash book of the company to the effect that \$1,700 had been paid to W. K. Sparrow, a stockholder in the company, as the surrender value of his stock. The second charge is a similar offense committed on March 2, 1909, the amount being \$4,000 and the stockholder Maurice O'Connor.

Black's counsel postponed the hearing on the case until June 15. At that time Black's associate, James W. Ely, can withdraw the plea or make such motions as he may desire.

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Read THE SUNDAY SUN June 4

\$20,000,000 HILL BONDS SOLD NO MORE TO BE OFFERED IN THE CURRENT YEAR.

Bankers Will Sell Them at 102 and Interest to Yield 4.15 Per Cent. - \$135,000 of Them Sold on the Curb - When, if and as Issued at Near That Price.

The first announcement to follow the news of the Great Northern's \$20,000,000 mortgage yesterday was that the road had sold to the First National Bank \$20,000,000 4 1/2 per cent. fifty year bonds secured under this new mortgage and maturing May 1, 1941. There was more or less official verification of the statement that proceeds from the sale of the new bonds would be used for general corporate purposes, including those improvements and extensions on the Great Northern which are now under way or which have been planned.

The First National Bank and J. P. Morgan & Co. offered the whole of the \$20,000,000 4 1/2 per cent. first and refunding gold bonds immediately at 102 and interest, to yield 4 1/2 per cent. The first coupon will be payable on January 1, 1912, and will be for \$28.83. The new bonds are redeemable at 105 on any interest date after January 1, 1941. They are secured by a first lien on 2,687.25 miles of railroad at the rate of \$17,070 a mile and by a general lien, subject to existing liens at the rate of \$22,822 a mile on 4,791.42 miles, making the total mileage covered 7,478.67. All of the company's equipment is also covered by the mortgage. Application will be made to the bonds listed on the State Exchange here.

No more issues will be made this year under the new mortgage, \$20,000,000 being sufficient for all immediate capital needs of the Great Northern. According to what is known of the company's present plans \$25,000,000 out of the \$60,000,000 bonds will be held in the treasury, \$32,102,000 will be put aside to retire already existing obligations, \$122,838,000 will be reserved for the purchasing of securities of other companies, and \$100,000,000 will be set apart for laying and building new lines of railroad and new terminals. Of the last named amount not more than \$2,000,000 will probably be issued in any one calendar year.

Provision is made by the Great Northern Railway Company in creating this mortgage, which is the first one ever authorized by the company, to take up the entire issue of Northern Pacific-Great Northern joint is due 1921, and in part any of the obligations refunded under the new mortgage. The net earnings of the company last year were four and one-half times as large as the interest charges on the entire issue of Northern Pacific-Great Northern joint is due 1921, and in part any of the obligations refunded under the new mortgage. The net earnings of the company last year were four and one-half times as large as the interest charges on the entire issue of Northern Pacific-Great Northern joint is due 1921, and in part any of the obligations refunded under the new mortgage.

KINGSLAND ESTATE SOLD

The Country Home of Daniel C. Kingsland Disposed of at Auction.

The last parcel of the vast estate of Daniel C. Kingsland at Mount Pleasant, N. Y., was sold yesterday at auction to F. B. Adams by Joseph P. Day for \$80,200. The sale was the result of a partition suit brought by the heirs of the estate. The parcel sold yesterday comprised sixty-seven acres, the old Kingsland mansion, several barns and outbuildings. The property adjoins the estate of William Rockefeller to the south, and on the north is the country home of Katherine T. Moore. It is about a mile from the Scarborough station and is bounded on the west by the Hudson River and on the east by Broadway. This property was purchased together with many of the adjoining acres forty years ago by Daniel C. Kingsland, and for many years after it was one of the largest country estates in that part of Westchester county. Mr. Kingsland made it his home for many years and his death willed it to his family. Since then all of the property except the sixty-seven acres sold yesterday has been disposed of. It was not stated whether Mr. Adams proposes to do with the property.

New Hamburg Boat to Be Nearly 1,000 Feet Long.

The Hamburg-American Line announced yesterday that it will create a bigger sister for its giantess, the Imperator, under construction and to be ready for service in the spring of 1913. The line is not prepared to give the exact dimensions of the projected ship, but she will be nearly 1,000 feet long and will carry 4,250 passengers and crew of 1,000. She will go on the New York-Hamburg route in 1913.

Chauffeur Discharged Hard Name.

Gottlieb E. Schmalzriedt, a chauffeur, of 341 Cornelia street, got permission yesterday from Judge Favocetti in the Kings County Court to change his name to that of George E. Reidt. He set forth in his application that his name was unpronounceable, inconvenient and a disadvantage to him in his business.

Court of Appeals Calendar.

A calendar of the cases to be argued in the Court of Appeals from June 5 to June 25, 1911.

SUMMER RESORTS. NEW JERSEY. Atlantic City. Atlantic City. America's Most Popular and Attractive Summer Resort

THE LEADING HOUSES. HOTEL DENNIS, HOTEL ST. CHARLES, HOTEL SHILBURN, SEASIDE HOUSE

FROM BROADWAY TO THE BOARDWALK WITHOUT TRANSFER OR FERRY. Marlborough-Blenheim ATLANTIC CITY, N. J.

HOTEL DENNIS ATLANTIC CITY, N. J. The new fireproof addition containing 200 guest rooms with 125 private baths, sea water connections, completed in March, 1911, is a model for comfort and convenience.

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HOTEL NEW ENGLAND. 80 Carolina and Beach. 1700 Rooms. Spring Lake Beach. NEW JERSEY. NEW MONMOUTH HOTEL

NEW HOTEL BALDWIN. BEACH HAVEN, N. J. Receipts, 5,000 bags. Jundiahy, 5,400. Prices here were as follows: July, 15.50; August, 15.25; September, 15.00; October, 14.75; November, 14.50; December, 14.25

SUMMER RESORTS. NEW YORK. Cooperstown. Opens July 1st. The O-te-sa-ga. Built in 1909. The most luxurious summer hotel in America. On Otsego Lake, Cooperstown, N. Y.

Lake Champlain. HOTEL CHAMPLAIN AND COTTAGES ON LAKE CHAMPLAIN, CLINTON COUNTY, N. Y. OPENED JULY 1st

FORT WILLIAM HENRY HOTEL. LAKE GEORGE, WARREN COUNTY, N. Y. OPENED JUNE 15th. Conducted on European Plan.

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