

IN THE FIELD OF ELECTRICITY

Prospective Change from Steam to Electricity on Suburban Railroads.

NEW DEVICE FOR WIRELESS TELEGRAPH

Progress of the Government Telegraph System in Porto Rico—X-Rays for Detective Work.

The recent action of the directors of the Illinois Central railroad company recommending to shareholders an increase of capital stock of the company from \$60,000,000 to \$85,000,000 is in line with the early substitution of electricity for steam as a motive power on its suburban service in Chicago.

Great benefits would accrue to the Central by changing to the electric system. It would effect, it is said, a saving of 75 percent in operating expenses, would enable faster time and would forever do away with practically all of the smoke nuisance on the lake front of Chicago.

Pocket Wireless Telegraph.

If in the future an electric bell conceived about the person of a man in the street is heard to ring and he draws from his pocket a small case, listens to it and then presses off, it must not hastily be assumed that he is mad, says the London Telegraph.

X-Rays for Detective Work.

Signor Brugnot of the State archives in Rome has discovered that the X-rays can be used for copying manuscripts concealed beneath book covers when the ink of the manuscript contains an chemical lead salt, cadmium, or ultramarine.

Recording Telephonic Messages.

Here is a brief description of a new telephonic apparatus for recording telephonic messages. The steel band on which the records are made is wound on four rollers arranged in a rectangle and the winding is so arranged that the band is continuous and for a reproduction of the record it is not necessary to reverse the band and start it again, but simply to let it run on.

Current Notes.

The power transmission line between Squamish Falls and Seattle, Wash., has been found to make a circuit more than 200 miles long and power has been successfully transmitted over this great distance with the commercial apparatus at hand.

How about those nerves?

Advertisement for Blatz Malt Wine. 'Blatz Malt Wine stops that nervous feeling, and heads off stomach troubles, indigestion and insomnia. All druggists.'

Wires which were found on the island when Spain evacuated the place after the war and the Spanish operators were ousted and signal corps men put in their places.

These men are now operating the lines and they do it without pay other than their regular salaries. Even if that were not the case, the expense would be too expensive owing to the small amount of commercial business and the expense of replacing wires which have been blown down by cyclones.

In speaking of the lines from a practical standpoint General Greely says that if the military advantages of the wires are considered as offset by the pay, subsistence, etc., of the men of the signal corps, the normal receipts of the lines when under military control will amount to about \$12,000 annually and this will increase within a year or two to about \$18,000, an amount entirely inadequate for the maintenance and operation of the lines by a paid civilian force.

In his latest work, "In the Alamo," Opie Read has touched his highest point, which is saying much of the author of "A Yankee from the West" and "The Waters of Caney Fork."

NEW BOOKS AND MAGAZINES.

Opie Read Writes a Novel Based on the War in Texas.

Other recent volumes in fiction: "Army of Holiday Literature Keeps On Growing In Volume—Book Week About Over—Booksellers Busy Supplying the Trade."

OTHER RECENT VOLUMES IN FICTION.

In his latest work, "In the Alamo," Opie Read has touched his highest point, which is saying much of the author of "A Yankee from the West" and "The Waters of Caney Fork."

NEW YORK TELEGRAM

"A remarkable piece of work. The Darlingtons is unusual and a decidedly promising production."

BOSTON JOURNAL

"An interesting story centering about a wealthy railroad family in a typical American town."

AUGUSTA HERALD

"The history of a typical family of importance in a small town depicted with skill and accuracy."

PITTSBURG INDEX

"Clean, fresh, peaceful and thoroughly American. His characters are such people as one associates with every day. The story is full of life and action and unending in its interest, with a perfectly delightful American girl in the center of it."

Opie Read Writes a Novel Based on the War in Texas.

Other recent volumes in fiction: "Army of Holiday Literature Keeps On Growing In Volume—Book Week About Over—Booksellers Busy Supplying the Trade."

OTHER RECENT VOLUMES IN FICTION.

In his latest work, "In the Alamo," Opie Read has touched his highest point, which is saying much of the author of "A Yankee from the West" and "The Waters of Caney Fork."

Nelly Brown of "April's Sowing" brings to mind the Daisy Miller of Henry James' creation. She is a sweet young thing, all frills and fluff and arrows, who queens it over an adoring father and mother, and almost breaks John Holmes' big heart before she decides to marry him.

"The Soul of the Street," by Norman Duncan, is a collection of correlated stories of the New York Syrian quarter. The stories, some of them hardly more than sketches, are entertaining as depicting a little known phase of New York life.

"An English Woman's Love Letters" is the record of an English woman's love contained in a series of nearly 100 letters. Over half of them were written during the height of her happiness.

"For the Liberty of Texas," by Captain Ralph Bonehill, is the first of three volumes, each complete, to be known under the general title of the "Mexican War Series."

"The Great Boer War" is its title and it will unquestionably stand for years to come as a comprehensive history of the war in South Africa. It is written with all the vividness and rich imagination so observable in "The White Company," but, at the same time, it deals with facts.

"The Beginning of a Nation," by Edward Eggleston, will miss the opportunity of securing his most recent work. "The Transit of Civilization from England to America in the Seventeenth Century."

"Sister Carrie" is the title of a volume by Theodore Dreiser, which may be best described as a novel of city life. It tells the story of a girl who comes to the city from a little country town; how she falls to find employment, finally falling into the hands of a traveling salesman, and details the subsequent life of this girl.

No one who has read "The Beginnings of a Nation," by Edward Eggleston, will miss the opportunity of securing his most recent work. "The Transit of Civilization from England to America in the Seventeenth Century."

"An American Engineer in China," by William Barclay Parsons, is designed to present a view of China and the Chinese from the standpoint of industrial development as it exists at present and along the lines it is likely to follow in the future.

Any thing from the pen of Andrew Carnegie is worth reading, so that it goes without saying that his latest volume, "The Gospel of Wealth and Other Timely Essays," is a book that will command the attention of all thoughtful readers.

The above books are for sale by the Megath Stationery Co., 1308 Farnam street.

A GREAT AMERICAN NOVEL

From its close relationship to the life and destiny of the people of every-day affairs The Darlingtons has a kind of interest that is lacking in other fiction.

It is Typically American

Representing the life of American industry and American enterprise. There is in it, too, the lightning touch of a well defined love element.

THE DARLINGTONS

By a New Writer of Great Promise ELMORE ELLIOTT PEAKE

- New York Telegram: "A remarkable piece of work. The Darlingtons is unusual and a decidedly promising production." Boston Journal: "An interesting story centering about a wealthy railroad family in a typical American town." Augusta Herald: "The history of a typical family of importance in a small town depicted with skill and accuracy." Pittsburg Index: "Clean, fresh, peaceful and thoroughly American. His characters are such people as one associates with every day. The story is full of life and action and unending in its interest, with a perfectly delightful American girl in the center of it."

Cloth, 12mo. For Sale by all Booksellers. \$1.50

McCLURE, PHILLIPS & CO. PUBLISHERS NEW YORK

The North American, the Forum and various English and Scottish reviews. The Century Company, New York.

Advertisement for Barkalow Bros. '80c BUYS A \$1.50 PRESENT 80c'. Includes list of books for sale.

Advertisement for 'OUT TODAY January Number of'. Includes an illustration of a book cover.

Advertisement for 'EVERYBODY'S MAGAZINE for January contains the second installment of "Joselyn Cheevers"'. Includes a list of books.

Advertisement for 'For Pneumonia, Dr. C. J. Bishop, Agnew, Mich., says: "I have used Foley's Honey and Tar in three very severe cases of pneumonia with good results in every case."'.