THE TECH.

TECHNICAL.

Some tests of the locomotives on a New York Elevated Railroad made by Mr. Angus Sinclair, show that the average horse-power exerted was 77.8, and the average coal consumption 5.8 lbs., per horse-power per hour.

Extensive works are being erected at Lake Owens, Nevada, for the extraction of carbonate of soda, by evaporation, from the waters of the lake. The enterprise is under the superintendence of L. F. J. Wrinkle, who was the projecter of the scheme. — Virginia City Chronicle.

This is L. F. J. Wrinkle, of the class of '70, M. I. T. — Eds. Tech.

The Mobile and Ohio Railroad recently changed its gauge from 5 feet to the standard 4 feet 8½ inches. The line is 470 miles long, and the time required for the change was one day, only one through passenger train being entirely suspended.

The cylinder-head of the large 450 horse-power engine which drives the cotton-mill at Berkeley, R. I., was recently blown out with such force that it, together with the piston, burst through the end wall of the engine-room, which is of brick, and three feet in thickness. After passing through this, it continued across the road a distance of several feet. — Boston Journal of Commerce.

A new process known as Shawcross' patent sensitized paper, the lines of which are black and the background white, has recently been introduced in England, in which the manipulation is exactly similar to the ferro-prussiate process. Mr. Shawcross' sensitized paper is originally of a bright yellow color, and possesses the following properties: If immersed in water the paper rapidly turns black, or if first exposed to direct sunlight it is bleached, and assumes a pure white face, after which water has no effect upon it. From a statement of these two properties the method of manipulation in order to produce a copy of a tracing can readily be conjectured. — Railroad Gazette.

Bryant P. Tilden, '68, Chief Engineer, James-town and Northern Railroad, Carrington, D. T.

Addison Connor, '71, in Public Works Department, New York, N. Y.

Charles F. Stone, '71, recently elected Mayor of Waltham, Mass.


Francis T. Sargent, '75, President of Poultney Slate Works, 515 Sixth Avenue, New York, N. Y.

Walter B. Barrows, '76, Curator of Museum, Wesleyan University, Middletown, Conn.

Walter S. Allen, '79, Secretary State Gas Commission, 13 Beacon Street, Boston, Mass.

Geo. W. Hamilton, '80, Inspector Charles River and Sea Wall Park Dep't, 350 Charles Street, Boston, Mass.

Frank G. Darlington, '81, Superintendent of the Cincinnati and Muskingum Valley Division of P. C. and St. L. Railroad.

George H. Gustin, '83, Mining Engineer Atrato Mining and Developing Co., Quibdo, U. S. of Columbia, S. A.


Geo. F. Lull, '84, with Penobscot Chemic Fiber Co., West Great Works, Maine.