THE TECH.

WILLIAM CHANNING CUSHING (M. A. Univ. of New Brunswick), St. John, N. B.
On the Tensile Strength of Cement As affected by the Fineness of Grinding; and on the Change of Dimension of Cement during Induration. (With W. S. Thompson.)

SARAH LOUISE DAY (A. B., Vassar College), Boston, Mass.
The Composition of Cotton-Seed Oil.

WALTER CLARK FISH, Taunton, Mass.
A Commercial Efficiency Test of a Thompson-Houston Dynamo.

JOHN MANASSEH FOX, Portland, Me.
The Inverse Electromotive Force of the Voltaic Arc.

JOSEPH BATES GAY, Boston, Mass.
A Design for a College.

WALTER HOWARD GLEASON, Boston, Mass.
The Boiling Points of Naphthaline, Benzophenone, and Benzol, Under Controlled Exhausters.

WILLIAM SEYMOUR HADAWAY, JR., Plymouth, Mass.
A Study of the Deviations Between the Mercurial and Air Thermometer.

JAMES CALVIN HOPPART, Cincinnati, Ohio.
Transmission of Power by Rope Gearing.

OREN SIAW IIUSSEY, Nashua, N. H.
An Experimental Determination of the Pressure on Lathe Tools. (With E. A. Jones.)

EDWARD ARCHIE JONES, Pittsfield, Mass.
An Experimental Determination of the Pressure on Lathe Tools. (With O. S. Hussey.)

CHARLES BENJAMIN KENDALL, Manchester, N. H.
The Action of Alizarine Assistant in Turkey-Red Dyeing.

WILLIAM DOWNING LIVERMORE, Charlestown, Mass.
The Action of Dilute Nitric Acid on Substituted Aromatic Amino Compounds.

PHILIP ALONZO MOSSMAN, Beverly, Mass.
Smelting of Calumet and Hecla "Black Jack" for Black Copper.

SAMUEL PARSONS MULLIKEN, Newburyport, Mass.
The Action of Nitrosulphuric Acid on Certain Tolnil Derivatives.

ARTHUR RICKER NICKELS, Cheryfield, Me.
The Desilverization of Copper Matte by Crooke’s Process.

GEORGE LINCOLN Norris, Melrose, Mass.
The Smelting of Fine Ores.

OSCAR EUGENE NUTTER, Great Falls, N. H.
A Comparison Between Double and Single Carding of Cotton, as practiced in the American and English Systems.

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Experiments on the Blake Contact. (With H. J. Tucker.)

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A Study of the Efficiency of Incandescent Lamps. (With W. G. Whitmore.)

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A History of the Iron and Steel Tariffs from the Adoption of the Constitution to the Civil War, 1789-1860.

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Linoleic Acid.

FRANZ HERMAN SCHWARZ, Boston, Mass.
A Design for a Mine-Hoisting Plant.

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Researches Relating to the Melting Platinum Standard of Light. (With G. Taintor.)

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Experiments on the Steam Injector and Apparatus for the Determination of the Velocity of the Delivered Water. (With E. G. Thomas.)

CHARLES PORTER SMITH, Cambridge, Mass.
Water-Meters. (With A. H. Twombley.)

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A Discussion of the Flow of Water Over Submerged Weirs.

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A Method of Treatment of a Rich Gold and Silver Ore.

HOLLOM CURTIS SPAULDING, East Boston, Mass.
A Design for an Oscillating Cylinder Marine Engine, with Original Valve Motion.

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A Method of Treatment of a Leadville Carbonate Ore.

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An Examination into the Economical Arrangement of the Kinzua Viaduct, together with a Design for a Bridge with Separate Piers. (With W. A. Whitney.)

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An Experimental Investigation of the Strength and Elasticity of Shafting, subjected to Combined Twisting and Bending.

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Researches Relating to the Melting Platinum Standard of Light. (With H. D. Sears.)

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Experiments on the Steam Injector and Apparatus for the Determination of the Velocity of the Delivered Water. (With F. E. Shepard.)

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Location and Estimates for a Narrow Gauge Railway from Davis Mine to Charlemont, Mass. (With F. G. Burgess.)

WALTER SCOTT THOMPSON, Boston, Mass.
Fineness and Change in Dimension of Cements. (With W. C. Cushing.)

GREENLEAF ROBINSON TUCKER, Providence, R. I.
A Method for the Determination of Carbonic Acid in Air Adapted to Public Institutions, and a New Method for the Bacterioscopic Examination of Air.

HARRY JUDSON TUCKER, Providence, R. I.
Experiments on the Blake Contact. (With G. W. Patterson, Jr.)