

Professor Dowden writes a scholarly and instructive paper on Edmond Scherer, the French poet and critic, who died in March.

—We regret to note that failing mental faculties have at last compelled Mr. George Bancroft, the historian, to abandon his literary labors.

—It is almost a year since *Scribner's Magazine* began the publication of its Railway Series; and the publishers now announce that in the June number they will begin a series of popular articles on the practical applications of electricity. Among the writers who have been already secured are Professor Cyrus F. Brackett of

Princeton College, who will write a general introduction to the series; Charles L. Buckingham, chief electrical engineer of the Western Union Telegraph Company; President Henry Morton of Stevens Institute of Technology; A. E. Kennelly, chief electrical expert of Mr. Edison's laboratory; Dr. M. Allen Starr, a medical investigator of high position; Lieut. W. S. Hughes of the United States Navy; and Lieut. John Millis of the United States Army. Among the subjects of the articles will be "The Application of Electricity to Modern Telegraphy, to Lighting, to the Household, to the Human Body, to Warfare on Land and Sea, and to Large Industries." The whole series will be illustrated.

Publications received at Editor's Office,
April 8-13.

- ALDEN's Manifold Cyclopedia of Knowledge and Language. Vol. XII. Dominis to Electric Clock. New York, J. B. Alden. 12°. 50 cents.
- AMERICAN Workman, The. Vol. I. No. 1. New York, O. M. Dunham. 16 p. 4°. \$2.50 per year.
- ANDREWS, Thomas, the Scientific Papers of the Late; with a Memoir by P. G. Tait and A. Crum Brown. London and New York, Macmillan. 514 p. 8°. \$5.
- BENNETT, A. W., and MURRAY, G. A Handbook of Cryptogamic Botany. London and New York, Longmans, Green, & Co. 473 p. 12°. \$5.
- CHORAL Book, The, for Home, School, and Church. Tr. by Friedrich Zuchtman and Edwin L. Kirtland. Boston. Ginn. 95 p. 8°. 70 cents.
- DEIGHTON, K. Shakespeare's The Winter's Tale. London and New York, Macmillan. 198 p. 60 cents.
- DUPUIS, N. F. Elementary Synthetic Geometry of the Point, Line, and Circle in the Plane. London and New York, Macmillan. 294 p. 16°. \$1.10.
- GRAVER and Palette. Vol. 1. No. 1. New York, Graver & Palette Publ. Co. 8 p. f°. 50 cents per year.
- HAMILTON, D. J. A Text-Book of Pathology, Systematic and Practical. London and New York, Macmillan. 736 p. 8°. \$6.25.
- HOME Gymnastics for the Well and the Sick. Ed. by E. Angerstein, M.D., and G. Eckler. Tr. from 8th German ed. Boston and New York, Houghton, Mifflin, & Co. 94 p. 8°. \$1.50.
- HOMER's Odyssey. Books I-IV. Ed. by B. Perrin. Boston, Ginn. 229 p. 12°. \$1.50.
- JERRAM, C. S. Grace Reddenda. Oxford, Clarendon Pr. 100 p. 16°. (New York, Macmillan. 60 cents.)
- LEFFMANN, H., and BEAM, W. Examination of Water for Sanitary and Technical Purposes. Philadelphia, Blakiston. 106 p. \$1.25.
- LONGMANS' New Atlas, Political and Physical. Ed. by Geo. G. Chisholm. London and New York, Longmans, Green, & Co. 4°. \$4.
- MAC DOWALL, A. B. Curve Pictures of London for the Social Reformer. London, Sampson Low. 49 p. 16°.
- MACKNIGHT, J. A. Hagar. New York, Chicago, and San Francisco, Belford, Clarke, & Co. 321 p. 16°.
- OIL and Gas, the Journal of. Vol. I. No. 1. Fremont, O., H. E. Woods. 8 p. f°. \$2 per year.
- PROCTOR, R. A. The Student's Atlas. In Twelve Circular Maps. London and New York, Longmans, Green, & Co. 23 p. 8°. \$1.50.
- RAIN-Fall, Report of, in Washington Territory, Oregon, California, etc., for from Two to Forty Years. Washington, Government. 101 p. 8°.
- SCOTT's Rokeby: A Poem in Six Cantos. Ed. by Michael Macmillan. London and New York, Macmillan. 280 p. 16°. 90 cents.
- SMITH, R. H. Graphics; or, The Art of Calculation by drawing Lines, applied especially to Mechanical Engineering. With an Atlas of Diagrams. Part I. London and New York, Longmans, Green, & Co. 8°. \$5.
- STEELE, J. D. Hygienic Physiology with Special Reference to the Use of Alcoholic Drinks and Narcotics. New York and Chicago, A. S. Barnes & Co. 401 p. 12°. \$1.

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TOLSTOY 20 YEARS AGO. Mr. Eugene Schuyler gives in this paper, which will be continued next month, his personal reminiscences of Tolstoy, with many conversations now first published. Illustrated by many interesting portraits.

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"These trials were but steps, however, leading to a more complete substitution of atmospheric combustion by contact with incandescent surfaces, carbonaceous at first, and of anthracite or bituminous coal, the carbon of which would remain intact after hours of evolution of intense heat. The conditions of such contact are still obscure as to the point of original action or the cause of such action; but it is demonstrated that the utmost intensity of heat, not less than 4,000°, can be and is attained with a mere initiative of carbonaceous combustion, and, when once established, may be maintained for an indefinite period by merely preserving

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"It is only intended here to cite so much of what are admitted facts in heat-production by the usual processes as will show that other and superior aids to heat-production are already reached in many cases, and that the line of reasonable progress lies in the direction of relief from dependence on the combustion of carbon, organic or inorganic, as the source of heat for economic purposes."

X.

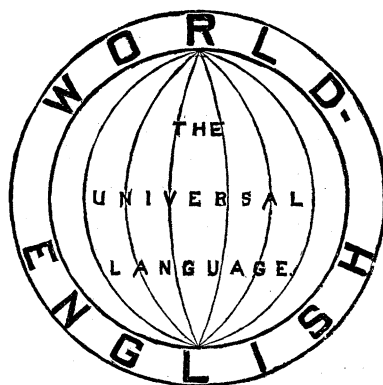
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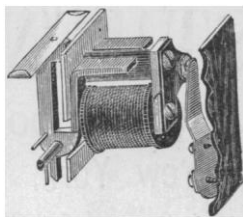
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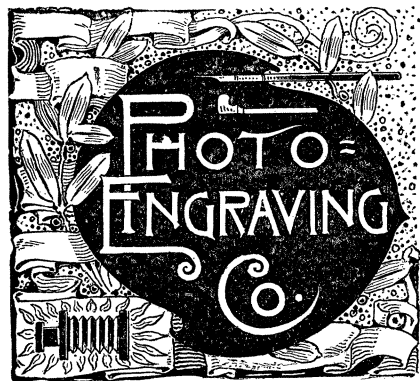
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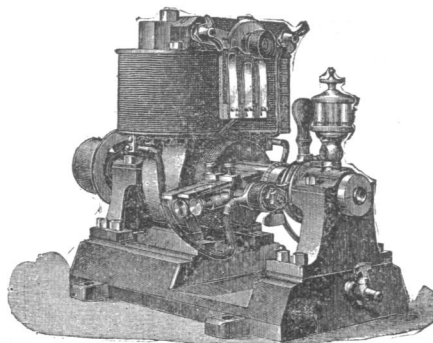
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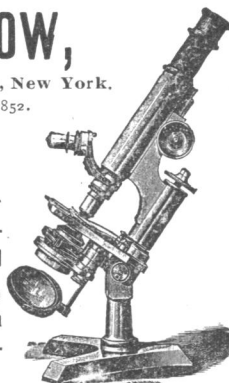
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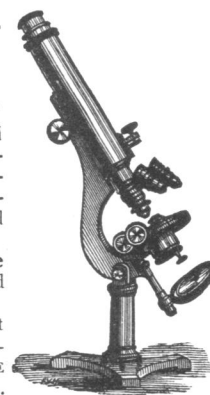
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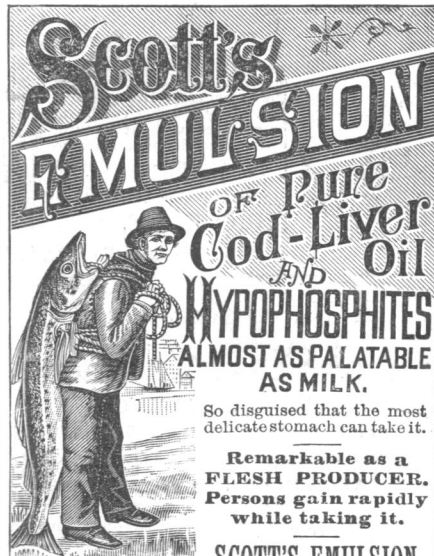
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