"direct fire." The author of the book, Capt. Ingalls of the First Regular United States Artillery, instructor of ballistics at the United States Artillery School, has already given to the public two works on the same subject, "Exterior Ballistics," and "Ballistic Machines." This work was prepared while the author was engaged in teaching ballistics to students at the artillery school at Fort Monroe, and most of the examples are such as were given out from time to time to classes under his instruction, as exercises in ballistic formulae. It will prove to be of permanent value, not only to the particular branch of the service for which it was intended, but also for other branches, both regular and militia. The most important of the examples may be worked out with a very slight knowledge of mathematics, arithmetic, and a little algebra being sufficient for many of them.

AMONG THE PUBLISHERS.

In Lippincott's Magazine for January, 1891, we note "The State of Washington," an article by Major Moses P. Handy, which will surprise the many who know little of this section of the country; and "The Road Movement," an article by Lewis M. Haupt, C. E., which contains some suggestions for the much-needed improvement of public roads.-Messrs. Houghton, Mifflin, & Co. announce a new edition of Mr. Lowell's "Fable for Critics." This poem, in which all the prominent American authors of the period at which it was written are reviewed with keen appreciation mingled with good-natured banter, Mr. Lowell composed when he was under thirty years of age. "This jey d'esprit," says Mr. Lowell in a prefatory note, "was extemporized, I may fairly say, so rapidly was it written, purely for my own amusement, and with no thought of publication. I sent daily instalments of it to a friend in New York, the late Charles Briggs. He urged me to let it be printed, and I at last consented to its anonymous publication. The secret was kept till after several persons had laid claim to its作者ship."

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— The twenty-fifth volume of the Magazine of American History is opened with the January number. The leading illustrated paper for the month, from the pen of the editor, is entitled, "John Ericsson, the Builder of the 'Monitor,'" and a portrait of the inventor forms the frontispiece. The second article following, "The Bladenburg Duelling-Ground," near Washington, written by Milton T. Atkins, is also illustrated. The Georgia historian, Col. Charles C. Jones, jun., contributes a paper on "Dr. Lyman, Bailor of Georgia in 1783, and Signer of the Declaration of Independence;" Hon. Charles Aldrich of Iowa writes of the eloquence of Andrew Johnson; Hon. James Phinney Baxter, president of the Maine Historical Society, contributes "Isaac Jacques, A. D. 1636," a poem; Orrin B. Hallam gives the reader a history of the original treasury accounting office; and we have the first part of "Count de Fersen's Private Letters to his Father, 1789-1781," which are the observations and opinions of an officer under Rochambeau in the French Army during the Revolutionary


— "The fancy took me to go to Noto," says Mr. Percival Lowell, in his paper on "Noto: An Unexplored Corner of Japan;" and where Noto is, and how he went there, is not only the subject of the opening article in the January Atlantic, but is to be the subject of several articles which are to follow. Cleveland Abbe's paper, which will command attention, suggests a new university course, this course to be devoted to terrestrial physics as a distinct department of instruction. Mr. Charles Worcester Clark writes about compulsory arbitration, in which he says that one of the most striking features of our easy-going American character is ready submission to the domination of our servants, whether it be Bridget in our kitchen, the railway in our streets, or Congress in the Capitol at Washington. Professor Royce has a long paper on Hegel, Adolphe Cohn writes about Boulangism, and Mr. Henry Charles Lea indicates the lesson of the Pennsylvania election.

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