



MR. JOSEPH WHITWORTH, OF MANCHESTER, FOUNDER OF THE WHITWORTH SCHOLARSHIPS OF MECHANICAL SCIENCE.
FROM "THE ILLUSTRATED LONDON NEWS."

Mr. Joseph Whitworth has long been known as one of the greatest mechanicians of his time, the head of a most extensive manufactory of machines at Manchester, and the author of some of the most valuable inventions now in use. His beautiful apparatus for measuring and marking the most inconceivably minute intervals of space is a marvellous contrivance. The Whitworth rifle is unsurpassed, and perhaps unequalled, for its accuracy at long ranges, though it has not been found so well adapted for soldiers as for sportsmen. The artillery which he has invented, and to the perfecting of which he has devoted, from a patriotic motive, no small portion of his time and thought, with a large expenditure of money, will one day be more justly appreciated. Mr. Whitworth has never courted public honours and offices, even in his own city, where, both as a private gentleman and as a man of business, he is highly esteemed. We believe he is one of those true leaders of practical science and useful industry who have, to the glory and happiness of the age, found it possible to rise, by their own intellect and faculty of work, from a comparatively humble station to the most respected and influential class of English society. It was therefore well said of him, in a recent notice by a contemporary, "He is a man who has felt that need in his own youth which he now does so much to remove for the sons of his fellow-workers. Having fought with and conquered difficulty for himself, he now turns, with an outstretched hand and open purse, to help the wayfarer toiling on the path which he once trod." He has bestowed the munificent sum of £100,000 upon the perpetual encouragement of young students of mechanical and engineering science. It is certainly not the less generous, and may perhaps be more beneficial, than Mr. Peabody's noble donation to the London artisan. The training of superior hands, or the higher education of young men as superintendents and managers, will tend by its effect upon the economy of manufacture to the advantage of all.