

explosives. He married, in 1854, Margery Durham, daughter of Mr. Archibald Campbell of Quebec, by whom he had four sons and two daughters, and was succeeded in the baronetcy by his eldest son, Major George Noble.

Sir Andrew Noble was elected a Member of The Institution on the 6th December, 1881. Between 1894 and 1899 and again in 1905-6 he served on the Council, and on the 3rd March, 1908, he was elected an Honorary Member "on account of the valuable services which he has rendered to engineering by his scientific researches and practical achievements in matters relating to explosives and the construction of artillery."

WILLIAM STEWART BECHER, B.A.I. (*Dubl.*), born at Skibbereen, Co. Cork, on the 24th July, 1869, died on the 30th July, 1916, of wounds received in action in France. On completing his practical training under the late Mr. James Mansergh, Past-President, he was engaged from 1896 to 1906 under Mr. G. N. Yourdi, M. Inst. C.E., the Resident Engineer, on various works for the Birmingham Corporation water-supply. In 1907 he was appointed Resident Engineer, under Messrs. G. H. Hill and Sons, Engineers, on the Ystradfellte Reservoir for the Neath water-supply. On the outbreak of war he joined the Sportsman's Battalion. He was elected an Associate Member on the 10th January, 1899, and was transferred to the class of Members on the 21st April, 1916.

WALTER BEER, born on the 4th June, 1874, lost his life in the "Persia," which was sunk in the Mediterranean on the 30th December, 1915. On completing his training, he served on the Great Western Railway, and with Messrs. Maxwell and Tuke, Manchester, designing the New Brighton tower. From 1897 until his untimely death he practised as a consulting engineer at Westminster, and was engaged in the design and construction of electric railways, tramways, waterworks and other undertakings, at Ilford, Barking, Lowestoft and other places. He was Engineer for the Newburgh and North Fife Railway, assisted the Royal Commission on London traffic, and was associated with numerous Bills in Parliament, with extensive railway contracts in South America, and with hutments in France, besides reporting on many other engineering enterprises. He was elected an Associate Member on the 5th December, 1899, and was transferred to the class of Members on the 20th April, 1909.

CHARLES JAMES BOWSTEAD, born in London on the 7th August, 1846, died at Chalford, Gloucestershire, on the 26th April, 1916. After gaining experience on the North Eastern Railway, he went out in 1873 to India as a Resident Engineer on the construction of the Great Southern of India (now South Indian) Railway. Subsequently he became a Resident Engineer on the Madras Railway. Before retiring to his home in Gloucestershire,