cussion between Sir William Mitchell method in which his discoveries might be used. He has since been connected with the and the Professor. It was pro-happen that we have learned to store up all Clare Bowling Club, and bowls is now posed that the building should knowledge, though we see no use for it at the bis chief pastime.

We never know when we may not Mr. Rona'd, who has held the position sity in honor of Dr. Rennie's magnificent services to the institution and to the science of chemistry, and the desire was that it should bear his name. Mr. Walter Hewchin, F.G.S., Emeritus I little thought," pathetically declares Professor of Geology in the University of Sir William, "that we were speaking of Adelaide will celebrate the eighty-second a memorial." He expresses the hope, anniversary of his birth to-day. He was which will be shared by all the many born at Norwich, England. He was a admirers of Dr. Rennie, that the Govern- minister of the Primitive Methodist Church ment will accede to the request and thus in England for some time, and has done provide a lasting acknowledgment of the good work done by a man who "was the best kind of tradition to carry into the future of the University." That is the sical Society, in London. He held tribute of the Vice-Chancellor, and the position of secretary of the Adeequally high testimony the character of the good man in 1902 he became lecturer in geology and gone is that of the President the School of Mines Council, of which 1918 till 1920 when he resigned from the Dr. Rennie was one of the original mempers-"He not only tried to do his duty -he did it." Nothing less than that would have satisfied his high ideals. He has left behind him a memory fragrant with the virtue of good deeds as a scholar, a churchman, and a citizen. Dr. Rennie joined the University in the day of small things, and he lived to see it attain a position second to that of no other University in Australia, with a proicssorial staff and an equipment of unexcelled efficiency. To this fine result his conscientious and able service conributed materially, and no history of the University can be written in which his name does not hold a prominent place. The University has always been fortunate in its professorial appointments, and two of its former professors, Sir William Bragg and Dr. Lamb, hold or have held exceedingly high positions n England since their departure from Adelaide. There are now three vacancies on the staff, and the Council will be fortunate if those who succeed the men who have gone are equal to them in academic distinction and high pharacter.

REG 12-1-24

Science and Trade.

PROFESSOR BRAGG'S LATES

"Old Trades and New Knowledge," by Sir William Bragg, K.B.E., D.Sc., F.R.S. (G. Bell and Sons, Ltd., London, N.C. 2).

in London, by the great scientist whom the Clarke Memorial Medal from the Adelaide will always think of as Professor Royal Society of New South Wales. Bragg, make charming books when given that permanent form; though mere illustrations have to take the place of those fascinating experiments with which he could always hold the attention of even the most casual audience. One loses, of course, the sheer charm of his manner. "We take, for instance, a square tray, and put into it a layer of balls. If we go on adding layers, we find we are Mr. Hubert Gordon Paris Nesbit has building a structure in which every ball been appointed stipendiary magistrate, lies in the centre of a cube formed of Local Court, and special magistrate, In-founded a flourishing literary and debat-fund, said £127,000 had been raised. eight neighbours." This practical experi-solvency Court. Port Augusta, on probament is to show how (as now revealed by tion, in place of Mr. W. R. Kelly, S.M., The head X-rays) the atoms in iron are arranged who has been transferred to wallaroo in B.A., who It must have delighted the "juvenile audi consequence of Mr. S. D. Ronald, S.M., B A., Din. Ed., at the beginning of 1925, be contributed inside five months. Protory" for whom the lectures were specially having been appointed stipendiary magis. Mr. Hitchcox is the son of Mr. R. T. fessor Sandes had recently been appointed intended; and not even the careful photo-graph of a pyramid of balls can reproduce The new magistrate is a son of Mr. Forest School, the practical pleasure that audience would Paris Nesbit, K.C., and a brother of Mr. feel in seeing them built up. This ex. R. G. Nesbit, S.M., president of the plains, probably, the apparently technical Licensing Court. He was born in Adenature of some of the matter. The printed word is cold, without the wellknown Bragg charm of manner, and the gradual development of research as shown by practical experiment. The trades dealt with are those of the sailor, smith, weaver, dyer, potter, and miner, and the guiding idea is to show how they have all been revolutionized by fresh knowledge. Even "the shape of a hammer or of a sail. the design of a loom or a miner's lampeach of them is the result of years of experience in actual use." The coming of silk, the potato, tobacco, or oil fuel, has modified trade greatly. Ships have to adapt themselves to the new merchandise they have to carry. Perhaps the backbone of this volume-which should be in the hands of every thoughtful person, young or old, and of either sex-is in this passage:-Both the sailor's and the miner's trade have made constant use of new knowledge as it became available, in order to help them over their difficulties, and in doing so have enriched knowledge in return, and laid the foundation of great scientific developments. Astronomy

and its instruments, clocks, telescopes, and the rest; magnetic theories, the laws of moving fluids, and the lines of ships; these and many

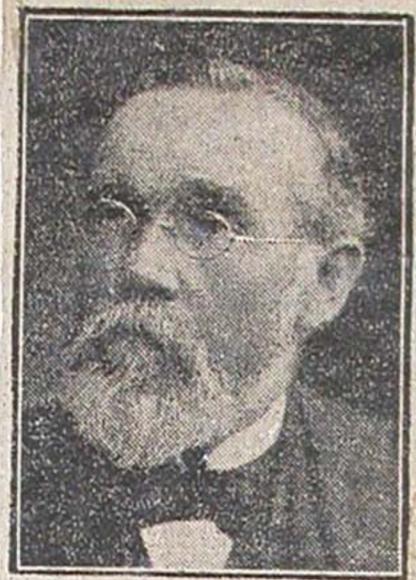
more have been studied because of the necessities.

of navigation and the need to overcome the dimentiles of the seas. Perhaps mining can

count even more influences on the science and

ADV. 12-1-27

ministerial work for the church in South Australia. Nearly 50 years ago he was elected a Fellow of the Geoloto laide Children's Hospital for 15 years, and of palaeontology in the University. From



Mr. W. Howchin.

University, he held the position of honorary professor. Besides being the author of many papers dealing with geology and Tpalacontology, he published a work on The Geology of South Australia" in 1918. For approximately 40 years he has been editor of the annual volume of the proceedings of the Royal Society. In 1913 he was awarded the Mueller medal for researches in natural science by the Australasian Association for the Advancement of Science. For many years he was local The popular lectures delivered annual secretary of that association. He also holds

MAGISTRATE.

MR. H. G. PARISS NESBIT.



Mr. S. D. Ronald.

industry of the world. The steam engine was laide 44 years ago, and was educated at The school has received excellent supealled into existence to overcome the flooding laide 44 years ago, and was educated at The school has received excellent supof the mines, the laws of gases were studied in Prince Alfred College. After he left port locally. Mr. Robert Thompson order to help the miner with his poisonous school, and before taking the law course (mayor) has always been a warm-fessad damps, the safety light was invented to all at the Adelaide University, Mr. Nesbit of the school, and is chairman of Quern him light in dangerous places; railways and lifts studied electrical engineering. He was High School Council. When the regulation it is strange how often the new knowledge that admitted to the bar in 1914, and has since was made in 1921 that £1,000 must solves a difficulty, or opens out a new possibility, practised at Quorn and for a short period be raised locally before any town could comes from outside the craft to which it is use at Clare. Mr. Nesbit, who is unmarried, be granted a high school building an fully applied. Usually it comes from the work and has always taken an interest in sport, of some explorer, who had no idea of any all a

was desirable to the same of the

at Wallaroo for four years, and comes to the city to assist Judge Paine and Mr. halam in the city court,

NEWS 13-1-27 **EDUCATING THE YOUNG**

58-Mr. A. C. Hitchcox, B.A.

WORK AT QUORN

The prettily-situated town of Quorn In addition a scholarship worth £25; home-a fine building standing in five the people of the district acres of parklands.

This year the average attendance at the school has been approximately 50 stu- Mr. S. C. Kopertson, who granuates



MR. A. C. HITCHCOX, B.A. head master of Quorn High School.

students take their work and their play search work, enthusiasticany, and they recently Capt. A. C. C. Stevens, organizer of the

Followed Father's Footsteps

He began teaching 15 years ago as a monitor in his father's school at Willunga. and received his secondary education at Adelaide High School.

He taught for a year at Norwood Public School, and then passed through the Teachers' Training College and began his course at Adelaide University. In 1919 the Education Department decided to try, the experiment of appointing special teachers to conduct secondary classes in the primary schools of two towns where there was insufficient support to warrant the establishment of high schools, and Mr. Hitchcox was selected to begin the work at Renmark. After three years at Renmark and three years in metropolitan schools he took up his present appoint-

Other members of the staff are Miss I. M. Hawker, whose principal subjects are history, Latin, and French; Miss J. E. Sabey, who specialises in commercial work; and Miss E. M. Harris, the domestic arts teacher. The domestic arts department of the school is particularly well equipped, and the teacher, beside giving instruction to the high school girls and the girls of the upper grades of the primary school, spends two days a week at Port Augusta Higher Primary School.

Interest of Public

enthusiastic committee was formed an the district systematically canvessed. The money was raised and the much-heeded new building was begun.

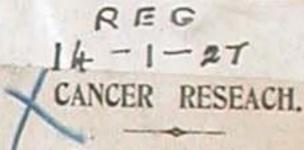
Later, when the regulation was withdrawn the money that was subscribed was returned by the Government and the local committee decided after giving donors a chance to get their money back (which only a few availed themselves of to divide the money in the proportion of 60 per cent, to Quern High School council fund, 20 per cent, to Quern Primary School, and 20 per cent, to other schools of the district

The result is that the high school coupcil has been able to assist generously in the equipping of the school. Three Lennis courts and a concrete cricket witch have been laid down, a piano and a library of 300 books provided, and many other contributions of less importance have been made which go to increase the efficiency of the school.

has the most northerly high school in annually and awarded on the results of South Australia. The school began nearly the qualifying examination has been made 20 years ago as an adjunct to the local available to a boy or eirl of an outlying primary school, and moved later to tem-school in the Far Northern district. porary premises in the Masonic Hall. In There have been many other evidences. 1924 a move was made to its permanent too, of the interest taken in the school by

A REG 14-1-27

B.Sc. and B.E. at the Adelaide University, and is at present a member of the staff of Dr. J. J. C. Bradfield, the chief engineer of the Sydney Harbour bridge and metropolitan railway, arrived in Adelaide on Wednesday to spend a fortnight's holiday with his parents, Mr. and Mrs. F. T. Robertson, of St. Peters ...



Fund in Sydney.

SYDNEY, Thursday.

In thanking members of Tattersalls Club to-day for their assistance to the rancer fund, Professor J. Sandes made important references to cancer research From the research side, he said, more valuable work had been done in Sydney than in any other part of the world. A young investigator, working in the laboratory, had made important discoveries, by which the treatment by radium could be improved. To follow these investigations £5,000 had been set apart. Professor Sandes said the campaign was opened by business men with the hope that the Federal and State Governments would also contribute to the funds to carry on research work, although it was considered dents. This is a record, and is the more that a greater appeal to the people could remarkable because during the past 12 be made it the question of treatment was months the population of Quorn has be fully taken up. Steps were taken to ascercome smaller by the removal of scores of tain the latest developments from English families as a result of railway reorganisa-experts. In an instruction from the Minister for Health, a report was called The majority of the present students are for, and this document, by Dr. Arthur local, but a number come from neighbor Burrows, predicted that the investigations ing towns-Port Augusta, Stirling, Haw being made here for the treatment of ker. Bruce, and Hammond. These stu-cancer by radium and X-rays would place dents take the commercial or the general the Sydney University in a position second course, and nearly all of them have to no other institution in the world. The entered for school of art drawing examina-practical side had been receiving considerable attention, and money would be Seven are studying to qualify for service spent in treatment. About 25 per cent. under the Education Department. Theof the money would be devoted to re-

Expenses were 1.98 per cent. When the The head master is Mr. A. C. Hitchcox, appeal was lauxened on July 14 it was not B.A., who succeeded Mr. N. A. Ireland, expected that the sum asked for would Hitcheox, who is in charge of Black Director of Cancer Research at Sydney

University.