he Career of Dr. W. H. Eccles.

s in his third year. He was af-1899 he joined Marconi's ing on the initial experiments wireless. The great inventor had p the first wireless installation the world, and was trying to send

Boulogne, to Dover,

well known, that pioneer work, the Royal Society.

The year or so which Mr. Eccles ent with Marconi was a formative

lecturer on engineering and ers on wireless. During his eight at Chelsea Polytechnic Dr. s advanced rapidly in his scienti-

ivien s

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ROBERT DONALD, L.L.D., In | known as he was invited to the envied post of Reader of Graphic Statics and Lecturer in Structural Enremained here for aix years, and dur-

> orked in the college labroatories for whole of the war he was a voluntary worker in the service of the State, and

a member of the Admiralty Department of Research, giving attention or Eccles is a Lancashire man, son smongst other things, to wireless. He constructional engineer. At the was responsible for six useful inventors which he presented to the Government when Lord Milner appoint al experience he went to the ed the Imperial Wireless Telegraphy College of Science with the in- | Committee, Dr. Eccles was selected training for a mechanical as a member of it, and afterwards ap-He broke away from the pointed to the Expert

PAINSTAKING SPUDY. While Dr. Eccles held his professor

ship he was always a student himself. He travelled about the world, he inspected all important wireless installations. He was in demand as a consulting wireless engineer and an ex ss messages from Wimereux, pert witness. He is the author of several standard books which are models of painstaking study and scientific exposition.

As the reader will appreciate. Dr Eccles had led a very full life. He has concentrated on study, science, work He has been too busy to get married nce entered into this new up to now. At any rate, he is bed sphere of research and backelor. He lives while in London in a flat in St. James's, and has a cotew world was opening to tage at Southend. His recreations are the service of mankind, riding and sailing. Dr. Eccles is not Eccles had great admiration for a dry-as-dust scientist. He is exceedingly pleasant and cheerful, and has Marconi was an inspired man, a knack of explaining things with a taken the Hertzian waves from happy smile or a touch of humour. Dr. distance of forty miles." As is also one of the youngest Fellows of

Dr. Eccles is now designing the carried on at Wimereux and stations for the Imperial Wireless was the start of a revolution Chain, and his early experience as a constructional engineer is proving of great value to him in connection with the erection of the high towers of wireless installations.

Wireless telegraphy is an exceedingly difficult subject to explain in a pogreat deal to think about. He pular way. It involves so many things. ican as assistant editor, at a metallurgist, with a knowledge of

Dr. Eccles having to deal, in the case of the Empire Chain, with comparatively low-powered stations. attainments, and this became favourable conditions messaged

ocal electric storms which the waves persons their words in the Morse code against these interpuptions, which are majority of United States citizens here. ions with much longer range only un-

Wireless telephony is a more weird phy but Dr Eccles brings the ld, calculating mind of the practical agineer to bear on it and puts a mit to its application. When the actual sound is flashed through the rescue party had forced the doors of atmosphere, instead of continuous waves with electric dots and dashes, occupies the ether to such an extent at if the wireless telephone became eneral it would put wireless telesome development takes place its scope ton about the middle of December.

There is perhaps no sphere of invention where there is more going on. Methods of transmission new only few years ago are becoming old, new systems are tried with varying degrees of success, mere and more am- ceived by the Monroe Export Co. bitious schemes are launched. There were exhibited at the Board of Trade are disappointments, set-backs, little Rooms to-day. The fish was forwardsuccesses, and glorious triumphs, ed by Messrs. Mendez, Lima & Co., of The wireless engineer is conquering Pernambuco. The senders writing to the world snew and annihilating the Monroe Export Co., under date of

An Aftermath of the War which large quantities are being SALVING GOLD FROM ILL FATER via Para and Amazonas, this consti-

LAURENTIC.

London, Nov. 30 (By Canadian sold at a very cheap price; thus hav-Press)-Gold bullion to the value of ing a great advantage over the Newbetween £5,000,000 and £6,000,000 has foundland article, and demand for it had taken the Hertzian waves from laboratory and with the touch of laboratory and laborato the high-frequency trans- of the Institution. He is vice-presi- The work of recovering the builtion level at which the cost of living in this into wireless. Marconi's am-then was to communicate for the Physic Society of London. He is tions will be resumed next spring. city has arrived." tions will be resumed next spring, still in the ship will he brought to the

> The ill-fated White Star Liner Laurentic, a ship of 14,900 tons, was wellknown to Canadians. For some years she was in the merchant marine service between Liverpool and Montreal. She was commandeered by the British Admiralty while the war was on, and was in the service of the Government as an armed cruiser. She was sunk by the Germans in January, 1917, off one of the widest parts of the north coast of Ireland and has been at the bottom was carrying at the time of the disaster was too valuable to be left in "Davy Jones' locker," so expert divers

were set to work to lift the gold.

ADMIRALTY TO THE RESCUE. lie up for the winter and prepare for the resumption of the work of salvage Sons. next spring. Unfortunately more than gold treasure was sunk when the faurentic went down many lives be-ing lost at the time. Of her crew of 475 officers and men only 121 were saved, among the survivors being her ander, Captain R. A. Norton, R.N. She was sunk in over twenty fatham of water. More than three years nding by the Atlantic swells has sformed the big liner int oa hean which settled down on the sea bottom cover an area of several hundred fee located it as it is in a position in which it receives the full force of the to be numbed away as far as possible by powerful pumps placed in position by the divers, as the gold was at the bottom of the huge mass of wreckage. of the splendid Admiralty Sa e section came to an end with the mpletion of the wreck-raising opera-us on the Belgian coast. In the se of the Laurentic the rate paid is lf-s-crown for every £100 worth of

There are indications that this propaganda is looked upon with are unable to pierce. To guard great disgust and disfavor by the vast

BELFAST, Dec. 2. An attack on the fail at London were killed and several of the attackers wounded. The party were undetected until a patrol of policemen saw a rope ladder hanging over the wall nd fasinating subject than wireless and save the alarm. Investigation by the military guard found two constables, who guarded Sinn Feiners, ly ing dead in the corridor, poison drugged or strangled. A Republican ten cells, when guards surprised them The military opened fire, Republican replying with revolvers.

LEAVING FOR WASHINGTON. LONDON, Dec. 2. It is Premier Lloyd George's pre-sent intention to start for Washing-

Brazilian Fish.

October 7th, says: "By the captain of the Robert J. Dale, we forwarded you a sample of the native cure fish, of poured into our city from the north tuting a serious menace for our codfish business. The native article is

Error in Air Stamp.

Have you a copy of the Halifax Air Mail stamp? If so, see if there is a full stop after the inscription. In hirteen out of the twenty-five stamps on each pane, the stop is missing. If this applies to every pane of 25 stamps, those without the stop will be less valuable than those which do not show the error. Newfoundland seems ever ready to oblige philatelists with varieties. All the many errors in last year's mischarges have not yet been

Amy B. Silver

A message has been received in the city stating that the schr. Amy B. and that the crew were safe having her tender, the Canadian Drifter No. 1, been taken off by a passing steamer scene of the wreck and returned re-Buffett by Thos. Wakeley & Sons and cently to Portsmouth, where they will sailed for Oporto on Nov. 2nd. The

Here and There.

It will be a treat for lovers of good music at George St. Church Tuesday next.—dec2,1i

OFFICIALLY DRUNK.-Three magistrate this morning had obtained

Fine programme of Specialties will e given to-morrow at the Deacon

STORAGE—We have storage space for Codfish. Codoil or Merchandise. BISHOP, SONS CO., LTD. nov4, eod, tt

appeared in a recent issue of the "Liverpool Sporting Echo." The paper states that the "Dighy's" team played in three countries, St. John's, Newfoundland, Halifax, Nove Scotis, and Boston, Mass. It suffered its only de-feat from the St. John's team.

Lower Price Levels BOOTS AND SHOES

MEN'S BOOTS. HEAVY WORK BOOTS

HEAVY TAN WORK BOOTS\$5.50 BOX CALF BLUCHER BOOTS \$4.50 BOX CALF BOOTS .. \$5.50 DARK TAN BOOTS: \$6.00

BLACK BUTTON BOOTS.

PATENT LEATHER DARK TAN BOOTS, with Rubber Heel .. \$7.50

BLACK KID BOOTS. \$7.50 (Formerly \$9.00) BOX CALF BLUCHER BOOTS\$7.50 (Formerly \$13.50)

GIRLS' BOOTS.

(Sizes 11 to 2.) BLACK KID LACED, \$2.50 BLACK KID BUTTON,

BOX CALF LACED. \$2.95 **BOX CALF BUTTON, \$2.95** TAN HIGH CUT LACED,

CHILDREN'S BOOTS BLACK KID LACED, \$2.25

BLACK KID BUTTON, BOX CALF LACED . . \$2.50 BOX CALF BUTTON, \$2.50

INFANTS' BOOTS. (Sizes 3 to 6.) INFANTS' BUTTON BOOTS\$1.40 INFANTS' LACED BOOTS \$1.30

WOMEN'S BOOTS.

BLACK KID BLUCHER BOOTS BLACK KID BUTTON BOOTS \$4.50 HIGH CUT LACED BOOTS\$5.00 HIGH CUT BUTTON BOOTS \$5.00 DARK BROWN LACED BOOTS\$4.50 DARK BROWN HIGH CUT BOOTS \$5.75 COMMON SENSE BOOTS, Laced, medium toe\$4.50

BOX CALF LACED BOOTS\$4.00 WOMEN'S BUTTON GAITERS\$3.30 WOMEN'S BUCKLE GAITERS\$3.50

BOYS' BOOTS.

BOX CALF BOOTS .. and REA to 100 Sept \$3.85 (Sizes 1 to 4.) BOX CALF BOOTS \$3.30 (Sizes 9 to 13.) (Sizes 1 to 4.) (Sizes 1 to 4.) BLACK KID BOOTS \$3.00 (Sizes 9 to 13.)

PARKER & MONROE, Ltd.,

The Shoe Men.

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Customers who have Sesqui Matches on order will be pleased to know that a shipment has arrived and will be sent forward first freight.

Also in stock: EDDY'S BUFFALO MATCHES. Large family box.

Soper & Moore.

Trinidad taking 2.191 otls. of codfis and a quantity of herring, shipped by he Monroe Export Co.

New York on Nov. 22nd with a cargo of hard coal is now due. Schooner A. B. Basteaux has loade 28 tons coal at Sydney for this port. S.S. Rosalind leaves Halifax at noo

Schooner Little Princess which left

for Halifax to load apples for England S.S. Nordhav went on dock to-de

S.S. Daisy sailed West this force

10 and 12 inch Wrot Nails. **Bolts and Nuts** Galvanised and Black Sheet Iron,

Tinplates. Horse Shoes, etc. Bowring Bros.

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Buy your Winter Feed

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HEAVY WHITE OATS We can give you a good price on this lot.

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"Gilt Edge" Butter. "September" Cheese.

To-day, at lowest prices, ex "Sheba frem Montreal:

"GILT EDGE" CANADIAN CREAMERY BUTTER—28 lb. bexes. "GILT EDGE" CANADIAN CREAMERY BUTTER-56 lb. boxes.

"Gilt Edge" Butter is positively the best Butter obtainable.

FANCY TWIN CHEESE-35 lbs. each, Septem-

FANCY LARGE CHEESE-70 lbs. each Sep-

F. McNamara, **OUEEN STREET.**

PHONE -393

of Malice," and a plea of Not Guilty as entered by the Recorder. The

trial was then gone on with.

He was lucky not to have been indicted a hundred and fifty years earlier, for in that case, had he refused to plead, he would probably have undergone the terrible "poine forte et as well as to save themselves dure." a barbarous punishment which

The Store reater Servi Attention

ohn's, N

nd often less

ole impression

three things

vour family-

d, for men

Water St.

dren.

Men's ollen Glove s Gloves, caret

from selected voollen yarns, fastener and le nd top; warm able ... \$1 rlet Flanne

ial quality of I ade Scarlet F oven from selectors. It is a class cleth that nd wear well, 1.10 yard.

nd Kha

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