

made innocuous by an abundant supply of this struggle against the intruding mass, the lizard embryo developed to all appearances normally and finally emerged from its prison unharmed."

MANUFACTURE OF CARBON DIOXIDE.

Comparatively little has been published concerning the production of this industrially important gas, associated in the popular mind with the soda fountain, although something over 100,000,000 lb. of liquid carbon dioxide are produced annually in America. Coal or coke is burnt under steam boilers, producing simultaneously power required for purification and liquefaction, and flue gases from which the gas is obtained. The temperature of these gases is first reduced in a fuel economiser; they are then scrubbed to cleanse them, and passed to an absorption system in which as much carbon dioxide as possible is combined with an alkaline carbonate. This carbonated lye returns through the heat regenerator before passing to the absorption system to renew the cycle. By such a system all heat is fully utilised. The carbon dioxide thus liberated from the boiling bicarbonate solution is separated from the steam, cooled, and compressed into cylinders.

BIRTHS, MARRIAGES, DEATHS

Announcements of Births, Marriages, and Deaths, not exceeding five lines, which must in all cases be fully authenticated, are charged 4s 6d each. For every additional line 6d extra.

BIRTH.

HENDERSON—September 22, 1921, at Ardmore, Athy, the wife of George W. Henderson, of a daughter.

MARRIAGE.

LEE and BELL—September 28, 1921, at Portnashangan Church, by Rev. A. E. L. Stuart, M.A., Frederick William, eldest son of the late Warren Booker Lee, Monlea, Mullingar, to Eva Thomasena, fifth daughter of the late George Bell, Knockatee, Mullingar.

DEATHS

FERGUSON—October 4, 1921, at Rosbrien, Limerick, George Ferguson, ex-Sergeant R.I.C., aged 79 years, to the inexpressible grief of his children. Funeral at 3 p.m. on Thursday from his residence to St. Mary's Cathedral. "Peace, perfect peace."

SMITHWICK—October 1, 1921, at Cottage, Tipperary, Josephine, dearly loved wife of J. B. Smithwick.

Over 250 youths who have volunteered for

RATHKEALE RACES,

7th October, 1921

On above date a special train booking passengers and horses will leave Limerick for Rathkeale at 10.15 a.m., returning at 5.30 p.m.; special train will leave Newcastle for Rathkeale at 11.30 a.m., returning at 6 p.m.; 12.55 p.m. Foynes will run through to Rathkeale, passengers to return by 5.30 p.m. special. Ordinary fares will be charged.—E. A. NEALE, General Manager, Dublin, October, 1921.

GREAT SOUTHERN AND WESTERN RAILWAY.

Excursions Limerick to Castleconnell and Killaloe.

The 4 p.m. special train Limerick to Castleconnell and Killaloe on Sundays is now discontinued.—E. A. NEALE, General Manager, Dublin, October, 1921.

Limerick Diocesan Choir Festival.

OWING to the epidemic of scarlatina and diphtheria the Choir Festival will not be held this year.

I LEND MONEY

To Farmers and all approved applicants throughout Ireland on their signatures alone. Neither sureties nor securities being required. Moderate interest charged. Repayments mutually arranged. If you value privacy and civility write to me. I shall furnish fullest particulars by post free of charge. Established twenty-one years. I have satisfied thousands.—J. EPSTEIN, 13 RICE MOND STREET DERRY.

FOR SALE—Pony Trap and Harness (new rubber tyres. Can be seen at 86 Hen street, Limerick. [a3 c9]

ENGINEER MECHANIC, open for engagement with first class garage and hire business, 8 years foreman, experienced in classes of repairs and overhauls; able to estimate good references; moderate wage. Address "Mechanic," Wm Porteous & Co, Advertisement Agents, 9 Royal Exchange Place, Glasgow. [a3 c3]

WANTED—Unfurnished Flat, or Three Four Rooms, with cooking facilities. Apply by letter to Box No. 941, this office. [a308]

TO LET—Comfortable Furnished Room; attendance; central; suit business la. Apply, Box No 940, this office. [a3 c8]

VACANCIES for all classes of servants, g