

lone. That the unique equipment for y work was successful is more than shown fact that thousands of pounds of iron and castings were made and finished for the of the fleet. The brass furnaces were kept at constant service, sometimes running wo heats a day, and making it ary to carry the work far into the night, to the discomfort of the men, who were to get some sleep and rest before another work. In iron casting not more than one as run off a day and that usually about 3 in the afternoon. For after filling the s and dropping bottom, it was practically ible to do much more in that part of the until the next morning. Kipling has sung a Scotch engineer and stoker, but there a heaven-born genius on board the 'Vulcan' sure up the memories and scenes incident pping bottom. The usual luxuries of such ashore were entirely missing. Like the fiery e of old, the heat seemed seven times more e than it was wont to be ashore.

#### EFFECTS OF SALT WATER IN MARINE BOILERS.

furnace of several of the boilers in at least the ships of Admiral Sampson's fleet were adly bulged, or, as it is called, down in the yindrical portions and in the corrugations. appeared to be a natural result of the neces- of using salt water on blockade duty off go. A ship with several boilers often spare one to be connected up as an evapo- and by thence running a large pipe to the surface condenser, form a satisfactory, n temporary, distilling system. This alone it sufficient in most cases. The daily loss ash water on such blockade duty was reater than the supply. Off Santiago anchorage was possible, the ships more or less under steam all e time, and such arrangements outlined proved insufficient. Salt water had to e n the boilers of the vessels to make up this a great extent. In time this resulted in eating and bagging the furnace crowns. To be furnace crowns into their original posi- cast-iron formers were moulded and finished e "Vulcan" and fitted to the shape of the n or corrugation, as the case might be. That n of the furnace crown requiring to be l up was then heated to a cherry red by an vided charcoal furnace placed underne- th applied by hand or electric blower air blast. at this heat it was readily jacked up into rmer natural shape and allowed slowly to The excellent quality of the mild steel plates used in these naval vessels made ork entirely feasible without seriously or nently impairing the strength of the ces.

100 Cyclists Wanted to send or call for ion Cycle List for 1899, 10,000 copies of re now ready for free circulation by the re, COLE, NELSON & Co, Ltd., Patrick street rick. [Feb 21]

VALUABLE DISCOVERY FOR THE HAIR—If your s turning grey or white or falling off use IEXICAN HAIR RENEWER, for it will posi- restore, in every case, gray or white hair original colour. It makes the hair char- y beautiful, as well as promoting the growth 3s 6d per bottle.

firm, but must be obtained of Grocers, Chemists r Stores. April 29].

### LIMERICK STOCK AND SHARE LIST.

#### THIS DAY'S PRICES.

Consols, 109 x d.  
 Nationals, 22½ x d; Munsters, 5 ½; Hiber- nians, 6 ½; Provincials, 29 ½.  
 Guinness, OFI, 57 7-8; Dublin Distillers, Ord, 21s 3d, Prefs, 3 ½; Bristols, 43 1-16 x d.  
 Great Northern, Ord, 176 x d; Great Southern Ord, 128½ x d; Midland Great Western, Ord, 102½; Watford and Limerick, Ord, 32 ½; Dublin, Wicklow and Wexford, Ord, 24 ½.  
 Coats, 73½-¾; Cannocks, 7 ½; Burkes, Ord, 4 ½; Muttons, Pref, 6 5-16; Stewarts, Pref, 5 ½; W and C McDonnell, Pref, 5 ½; Denays, Pref, 14 ½; Dublin Trams, 26 ½; Fish Oil, 30s 6d, 31s; Volenite, 0; Wireless, 0.  
 Components, 7s 6d to 8s 6d; Dunlops, Def, 4s 9d; to 5; Ord, 11s 6d, 12s; Dunlop (France), 4s 3d x d; Osmonds, 4s 0d; Griffiths, 1s; Humbers, 12s 6d; Singers, 7s 6d.  
 Milwaukee, 126 ½; Louisvilles, 68 ½; Union, Pacific, 41 ½; Northern, Pref, 77 ½; Missouries, 12 ½; Chartered, 3 17-32; Goldfields, 8 3-16; East Rands, 7 ½.

*Announcement of Births Marriages and Deaths no exceeding 5 lines (which must in all cases be duly authenticated), are charged 2s 6d each. For every additional line 6d*

#### BIRTHS.

Howe—June 3, at Millward terrace, Bray, the wife of Daniel M Leechman of a daughter.  
 Leechman—May 29, at 24 Harcourt, street, Dublin, the wife of Daniel M Leechman of a daughter.

#### MARRIAGE.

Christy and Clayton—June 5th, at the Methodist Church, George street, Limerick, by the Rev John E. Green, William Cather, eldest son of William Stanley Christy, 58, George street, Limerick, and grandson of the late Rev William Cather, to Ethel Mary, only daughter of the late William Isaac Clayton, of Eccles, and granddaughter of the late Alfred Allen, of Limerick. No cards.

#### DEATHS.

Hallowell—At No. 2 Mount Vincent Terrace, Limerick, on Monday, June 5th, 1899, Elizabeth Thompson Hallowell, aged 72 years. Funeral at 9.30 on Wednesday morning for St Munchin's.  
 Ormsby—June 5, at Elm Park, Drumcondra, Co Dublin, Arabella, widow of the late William Ormsby, Esq., and eldest daughter of the late Edward Nicholson, Esq., Primrose Grange, Co Sligo.  
 Wallace—June 4, at his residence, the Pool House, Astley, Stourport, Worcestershire, Major-General Hill Wallace, C.B., late R.H.A.

LADIES are respectfully invited to inspect Thomson's New Violet Corsets, their latest novelty. These Corsets are scientifically shaped long waisted, beautifully made; guaranteed to fit like a glove, and high class in all respects; made in white or black at 21s; all sizes in stock J McBirney & Co, Limerick. [July 19]

be sent to Messrs J. Nash and Street, Limerick, or Mr K Street, Dublin. May 25

### TO BUILDERS AND ST

TENDERS from experience received up to noon 20th. JOHN HORAN, M.Inst.C.E., repair of the Spire of St. M keela, in accordance with speci be seen at his office, 50, Ge-org The lowest or any tender will accepted. 2nd June, 1899.

TO BE LET OR SOLD— Castleconell, Co. Lim accommodation for a gentlem coach-house, &c., and about 12 land. Also the well-known attached to same.—James Na and Land Agents, 85 George-

TO LET.—A Small House ( tral, respectable locality patent w.c., &c., &c; suitable persons; rent moderate to a Apply, H, this office.

TO BE LET.—The Upper No. 23, Glentworth Street F. Browne, 23, Glentworth St

WANTED by a single ge Sitting-room, and B family; state term.—"K.P." June 6

ONE OR TWO LADIES able apartments at No with or without board. May 25

SELECT FURNISHED I nice Rooms Vacant at Street. Apply to Mrs. Sheeh

WANTED an Apprentice Spirit business in a r George-street. Apply "Gr paper.

WANTED immediately, married man (R.C.), and Coachman; can drive sin years in last situation. Appl paper.

WANTED a general m vant (Protestant); mu be able to milk if required, himself generally useful. Chronicle office.

ROOM—Want d a your young horses. Apply June 1

WANTED by a respectab as Cook; thorough duties; would take seaside will be found willing and obl Limerick Chronicle office, or street.