

SYDNEY DWELLING-HOUSES.—The stranger is much struck by the handsome appearance given by the profuse use of cedar in the fittings of the Sydney dwellings. It has all the beauty in colour and figure of the Spanish mahogany; indeed, the experience of an upholsterer is necessary to detect the difference by sight alone. In solidity and closeness of grain, the Australian cedar is, however, greatly inferior to mahogany. The doors, sashes, window-frames and shutters, staircases and balustrades, skirtboards and cornices, and, in a few instances, the floors and ceilings are of cedar. Even the housemaids' closets have all the exterior appearance of polished mahogany floors. This profusion of dark-coloured, un-painted wood in the fittings of a house pleased my eye exceedingly; but my taste was disgusted by many, some going so far as to state that it made a dwelling-house look like a gin-palace!—*Mandy's "Our Antipodes."*

ROMAN BATH AND PAVEMENT AT LYME.—An ancient Roman bath and a tessellated pavement have been opened out in an enclosure with old stone walls and earth, called, from some immemorial, the churchyard, and situate at Holcombe Farm, in Uplyme parish, Lyme Regis. The pavement was first discovered about two years ago, but was covered up again last lately. The enclosure is about 300 feet long by 42 feet broad, and is said to contain a great quantity of old building materials. Some hundreds of loads of worked stone were many years since taken out of this enclosure for drainage purposes.

THE ROYAL EXCHANGE, LONDON.—The liberties that are being taken with the façade of the City Exchange in connection with the "improvement" of the shops with which it is associated, still form the subject of urgent protests on the part of our correspondents. We regret to think that the letter we published some weeks since has not as yet put a stop to these proceedings, and it is of little use, we fear, printing the communications of "Civis" and others to a similar effect, still forwarded to us on this subject.

THE THAMES TUNNEL.—A project is on foot to complete the approaches to the Thames Tunnel on both sides of the river. A very large traffic is constantly going on between the Surrey side of the Thames and Wapping, Limehouse, Poplar, &c. all of which has now to be conveyed an unnecessary circuit of nearly six miles. London-bridge would be relieved of a great portion of this traffic by the opening of such a communication, which would also give to Southwark and its outlying districts a short and easy access to and from the East and West India Dock Railway terminus, and thence to the whole net-work of railways north of the Thames.

A CARBONIC-ACID GAS ENGINE.—Years since we pointed attention to a piece of common marble as a hopeful source of useful power in place of steam, where fuel was scarce but sulphuric or other acid abundant. In marble—a carbonate of lime,—or in carbonate of soda, we have an abundance of "fixed air," as carbonic acid gas was once called,—air fixed, but easily set free,—a sort of bottled wind,—whereby cylinders might be filled, and machinery worked. The idea has been latterly realized, we know not with what success, by a Mr. J. F. Lackerstein, who has patented certain apparatus for obtaining power by the use of carbonic acid gas, generated, as he prefers, from carbonate of soda, in solution, by means of sulphuric acid, but also from other carbonates, such as that of lime, and by means of other acids besides the sulphuric. The products are in many cases so valuable as to greatly economise the working power. The operation of the acids on the apparatus is of course guarded against, in this case, by protection with platinum or gold. Enamelled iron, such as acid conserves are made in for household use, would be cheaper than either gold or platinum.

CAMBRIDGE ASYLUM FOR SOLDIERS' WIDOWS.—The first stone of this building was laid on Tuesday, the 15th, in Norbiton Park, Kingston, Surrey, by H. R. H. Prince Albert. The design, which we have already noticed, is by Mr. Thomas Allom. Messrs. Locke and Nesham are the contractors.

THAMES EMBANKMENT.—The Bill, as amended by the select committee, to enable the Commissioners of Works to make an embankment from Vauxhall to Chelsea-gardens, has just been printed. A clause has been added, that the Act is not to affect agreements already entered into between the Commissioners of Woods and Forests and other parties.

ST. BRIDE'S, FLEET-STREET.—The interior of this church is about to be repaired, painted, marbled, and gilded, under direction of Mr. John Shaw. The tenders were,—Clarke and Barnes, 669*l.*; George Cooke, 644*l.*; Robert Cooke, 549*l.*

METROPOLITAN SEWERS COMMISSION.—Mr. Richard Jebb, of Old-square, Lincoln's-inn, has been appointed by the Lord Chancellor as chairman of the commission.

METROPOLITAN CATTLE MARKET.—It is now definitely settled that the market will be established in Copenhagen-fields; the Corporation having purchased land for that purpose.

TENDERS

For new church, Thornhill-square, Islington. Messrs Newman and Johnson, architects.		
Bockessell (Abingdon)	£8,850	0 0
Myers	6,500	0 0
Carter and Ellis (Islington)	5,800	0 0
Jay	5,717	0 0
Dute (Islington, accepted)	5,800	0 0
Quantities not furnished.		

For building four dwelling-houses and a warehouse at Whitechapel. Mr. William Dobson, architect.		
King	£2,198	0 0
Starks	1,950	10 0
Parkie	1,857	0 0
Hill	1,845	0 0
Webb	1,943	0 0
Perry	1,835	0 0
Haynes	1,897	0 0
Brake	1,512	0 0
Case and High	1,677	0 0
Lester	1,658	0 0

For restoration and additions to Trinity Hall, Cambridge. Mr. Anthony Salvin, architect.		
Peck	£6,500	0 0
Quinsee and Atack (Cambridge)	5,200	0 0
Bell (Cambridge)	5,263	0 0
Smith and Appleford	5,180	0 0
Lawrence and Son	5,068	0 0
Myers	4,981	0 0
Holland	4,957	0 0
Loane, Brothers	4,850	0 0
Kelk	4,855	0 0

For the erection of the new church at Bittern. Mr. Guillaume, architect.		
King and Vere	£3,841	10 0
Chapman	3,280	0 0
Haines	3,170	0 0
Langdon	2,988	0 0
Brown (Southampton)	2,995	0 0
Brown (Winchester)	2,983	0 0
Fry	2,938	0 0
Gambing	2,860	0 0

For a house at the Sugar Refinery, Plymouth. Quantities furnished. Mr. W. Damant, architect.		
Stilson	£1,068	19 6
Dovey and Matcham	1,000	0 0
Westlake	961	0 0
Roberts and Co.	970	0 0
T. Marshall	944	5 0
C. Dwyer	937	0 0
J. Marshall (accepted)	965	0 0

For additions and alterations to Morning Advertiser office. Mr. Stevens, architect.		
Perkins	£2,670	0 0
Mills	2,560	0 0
Weston	2,510	0 0
Gammon	2,397	0 0
Jay	2,135	0 0
Cooper	2,128	0 0
Locke and Nesham	2,045	0 0
Chatterman	1,868	0 0
Kudkin	1,875	0 0
Norris	1,843	0 0
Beaby	1,771	0 0

For work at Bethlem Hospital. Mr. Sydney Smirke, architect.		
Holland, H. and B.	£4,971	0 0
Willson	4,817	0 0
Baker and Son	4,832	0 0
Grimsdell	4,595	0 0
Haward and Nixon	4,667	0 0
Pritchard	4,645	0 0
Lee and Son	4,428	0 0
Kidd	4,345	0 0
Piper, T. and W.	4,370	0 0
Locke and Nesham	4,330	0 0
Lucas	4,292	0 0
Jay	4,281	0 0
Myers	3,983	0 0

For works at the London Orphan Asylum. Mr. Ashpitel, architect.		
Holland, H. and B.	£3,050	0 0
Harber	3,084	0 0
Myers	2,964	0 0
Jay	2,761	0 0
Coleman	2,544	0 0
Piper, T. and W.	2,563	0 0
Norris (accepted)	2,480	0 0

TO CORRESPONDENTS.

"*Par.*"—Can any of your correspondents inform me what I can introduce into some Stockholm tar for the purpose of making it dry, hard, and quiet?
 "Theory of the Tides."—Several correspondents have addressed us on this matter, simply consenting to or dissenting from the views to which we recently gave insertion. The inquiry would not be advanced by printing their communications.
 "Clericus" (the arrangement proposed for heating churches would not be satisfactory. Amongst other objections admitted would be instead of wood, "W. H. C." "G. W. B." "J. H." (under our mark) "M. C." (do). "Groco." "Vindex," (the "College" in question has expired). "J. T. W." (One of Mr. Baker's Rodmen). "B. H." "C. C. N." "W. P." (declined with thanks). "C. J. R." (was made aware of the proceeding). "F. S." "T. P." "J. A. F." "Rural Rambler" (the minister may have some good reason, of which we are not aware, for not allowing tiles to be laid down at King's Norton church. "Young Antiquary" (the signature of the minister of his parish, or any known inhabitant, will obtain him a card to read at the British Museum, or the Head of the firm from which he dates his letter). "M. and H." (will appear). "Q. E. D." (ditto). "Footpad." "F. H. M." "E. T." "G. T. R." "W. A." (we have the published report). "W. H." (we shall be glad to have block).
 "Books and Addresses."—We have not time to point out books or find addresses.
 NOTICE.—All communications respecting advertisements should be addressed to the "Publisher," and not to the "Editor." All other communications should be addressed to the Editor, and not to the Publisher.

ADVERTISEMENTS.

A STEADY PARTNER WANTED. To join the Advertiser's son, who can succeed a Civil Engineer, with whom he has been engaged several years. An intelligent young man may soon be instructed. About £1000 capital required.—Apply by letter, to P. C. at the Office of "The Builder," 1, York-street, Covent Garden.

TO BUILDERS, TIMBER MERCHANTS, QUARRYMEN, AND RAILWAY CARRIAGE BUILDERS.
PARTNER WANTED. by John Wilson, of Greenwich, in the county of Lincoln. In consequence of the declining health of Mr. Wale W. Wilson's late partner, an opportunity now presents itself to a gentleman who can undertake to manage a proportion of either of the above branches, and such gentleman, having from time to time to attend to his business, or in a few months, will be admitted to all the connections possessed by the advertiser of sixteen years standing. For building purposes, the workshops are exceedingly well furnished, and very extensive, principally on the ground floor. For the timber trade, the yard is capable of doing any amount of business, with excellent cranes, and every convenience, close to the main mill, which will be in all an extensive power. A branch from the Ambergate Railway runs through the yard and workshops, which line will, in a few weeks, be intersected by the Great Northern Railway.
ANCIENT STONE QUARRIES.—These quarries are in the occupation of the Advertiser, and will form a portion of the partnership.
 The railway carriage building department is complete with all kinds of machinery, such as lathe, drilling, screwing, planing, and planing machines, with fitting tools and amply, containing two or three acres.
 The above offers a favourable opportunity for the investment of capital, with every prospect of a large return.—For further particulars apply to Messrs. NEALE and WILSON'S Office, Greenwich.

SHOP FOREMAN WANTED, capable of superintending about forty men.—Apply by letter, prepaid, to A. B. B. Martin's, Strand.

FIRE-CLAY GAS RETORTS.—WANTED. Immediately ONE or TWO (at least) of the best manufactured by the manufacturer of Fire-clay retorts.—Address, F. J. P. Office, Leeds.

WANTED, a few good BENCH JOINERS, at Country Work.—Apply to F. CUSLING, Elmham, Norfolk.

TO CARPENTERS AND JOINERS.
WANTED, Eight or Ten GOOD HANDS.—Apply to ROBERT GRIFFITHS, Builder, Quaker, near Bridgewater.

WANTED, a FOREMAN, who thoroughly understands the whole practice of a Saw-mill.—Apply at Caledonian Mill, New Waterford, Co. Wick, Ireland.

WANTED, a BUILDER'S CLERK, fully conversant with the duties of the office.—Apply, stating salary required, all particulars of last engagement, &c. to B. G. T. Office of "The Builder," 1, York-street, Covent Garden.

WANTED, in the Country, a GENERAL BUILDER'S CLERK, and a GENERAL KEEPER. He must understand all kinds of work, and take out quantities, &c. State age and salary.—Address, M. Champagne.

WANTED, by an Architect in the north of England, a good DRAUGHTSMAN and GENERAL ACCOUNTANT. One who has been brought up as a builder of an architect's office would be preferred.—Address, A. B. P. Office, Sunderland.

TO PLUMBERS.
WANTED, a steady, active MAN, as Three-broom's Hand. It is essential he should be a good Plumber and a good character. A suitable man, willing to make himself useful, would have constant employment at good wages.—Apply at 31, Broad-street, 31, Broad-street.

WANTED, a SITUATION as CASHIER, TIME-KEEPER or CLERK, by a person thoroughly conversant in contractors' accounts. He has been accustomed to measure, and is fully competent to the superintending of work, &c. Terms may be had from and references to competent contractors with whom he has been.—Address, D. P. Railway Commissioners, 5, Seymour-street, Marlborough-square, London.

TO BUILDERS, QUARRYMEN.
WANTED, an active WORKING FOREMAN, in a Justice's Shop, fifty miles from London. A person not beyond 40 years of age would be preferred.
WANTED, also, an OUT-OF-DOOR GENERAL FOREMAN, competent to superintend the erection of the building business.—Address, post paid, stating particulars, reference where last employed, and when at liberty, to J. P. M. Cranston-street, Leinster-square.

TO BUILDERS.
AN active experienced FOREMAN is in want of a SITUATION as WALKING or PILING FOREMAN. Being accustomed to both duties. He can be well recommended.—Direct, A. B. P. Lower Marsh, Lambeth.

VACANCY for a CHECK CLERK, in a factory. The duties are to keep time and accounts, also to tally the workmen in and out. It is necessary to have a person of very quiet habits, steady, and capable of being a helper of workmen in the absence of the foreman. A middle-aged man, from the country preferred, without a large family, as he will have to reside on the premises. Apply by letter, stating particulars, to the manager, at T. K. Office of "The Builder," 1, York-street, Covent Garden.