

TENDER NOTES

For the erection of an additional five rooms to Admiralty House. Plan, specification and conditions of contract may be seen at the office of the Board's architect, Alex. Wiseman, Esq. Tenders to be endorsed, "Tender for Additions to Admiralty House." The lowest or any tender not necessarily accepted. Tenders close Dec. 5. H. B. Burnett, secretary, Auckland Harbour Board.

For the supply of 10,000 Native Sleepers for the North Auckland Railway, in lots of 50 upwards, delivered at any station on this railway, up to Maungaturoto. Specifications may be seen at Post Office, Dargaville, and Public Works Offices, Auckland, Hamilton, Te Kuiti, and Kaiwaka. No tender necessarily accepted. Tenders close Dec. 15. J. A. Wilson, district engineer.

For the supply and delivery at Dargaville of Ironbark piles and Hardwood timber for bridges on the Kaihu Valley railway. Specification, schedule, and conditions of contract may be seen at the Public Works Offices, Auckland and Wellington, and at the Post Office, Dargaville. Tenders close Dec. 15th at the Public Works Office, Wellington. R. W. Holmes, engineer-in-chief.

Painting and repairs to the school buildings at Lyttelton West, Rapaki, Governor's Bay, Opawa, Redcliffs, Spreydon, and Greenpark, and for

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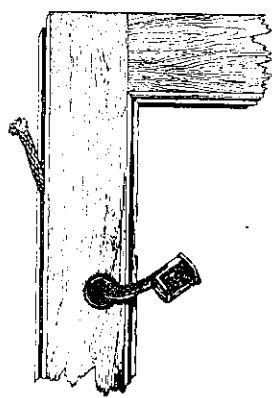


Fig. 1

SINTON'S Quick Repair SASH-CORD GRIP

This device does away with the method of nailing the sash cords, which, owing to the difficulty of repair, has ever been the main drawback to the use of counter-balance sashes. With the use of this new grip goes out the old difficulty of removing sashes, beads and stops when repairing cords. Fig. 1 shows the grip drawn back out of position. Fig. 2 (Half section) grip and cord in position showing method of boring. Fig. 3, Face of style with grip in position.

Once Installed—No disturbing of beads or architraves. No ruined sashes. No broken glass. New cords refitted in a few seconds. Can be placed in old sashes without removal from the frame.

Obtainable from any ironmonger, or direct from the manufacturers

SINTON CO. 45 Phoenix Chambers, AUCKLAND

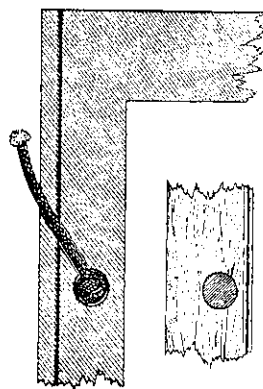


Fig. 2

Fig. 3

APPLIED ELECTRICITY.

The illustration on this page will doubtless attract the attention of our readers by reason alike of its variety and comprehensiveness. The Lawrence and Hanson Electrical Company, whose headquarters in New Zealand are at 45 and 47 Cuba Street, Wellington, dates from the year 1886, when the business was founded in Sydney and Melbourne. In 1909 Mr. H. F. Vickery, A.M.I.E.E. (London), the Manager, came over to establish the local branch, and the Company's operations now extend throughout the entire Dominion.

The marvellous advance in the application of electrical energy to the varied needs and requirements of modern life has rendered it possible to utilise this unseen but powerful force in a greatly increased variety of ways. Its cleanliness, its regularity, the ease with which it can be brought into requisition and the reasonableness of the cost all combine to constitute electricity a most popular agent for all purposes to which it has already been applied. The future will, doubtless reveal many other methods of adapting the subtle fluid to the use and benefit of the human race. The picture gives a portion only of the extensive showrooms of the Lawrence and Hanson Electrical Company, and a small idea only is given of the extent of the stock carried at the New Zealand branch. A large number of electric motors are included in the stock, and these can be supplied from one-tenth h.p., for driving household, sewing, and other machinery, to 10 h.p. for factories. There are Dynamos, also, of varied sizes, from one kilowatt to ten kilowatts capacity, for generating energy available for lighting, heating, cooking and other pur-

poses. Motor Car accessories, including accumulators, magnetos, sparking plugs, and high and low tension flexible wire, are also kept in stock. Electric Radiators, in chaste and

ally the Company maintains extensive stocks of all kinds of electrical fittings, lamps, and including a large stock of the well-known "Brimsdown" metallic filament lamps, telephones, and cables, in addition to others already named. Although in Australia the Company are large contractors, the business in New Zealand is confined only to the wholesale trade. It is of general interest to note that the Wellington City Corporation has recently let a contract to the Lawrence and Hanson Electrical Company for supplying plant in connection with the extension of the water supply. At Rose-nearth a 64 brake h.p. motor, direct coupled to a six inch six stage high lift centrifugal pump, capable of delivering 300 gallons per minute against a total head of 378 feet, is being erected. The same power motor is to be used at Melrose, coupled to a six inch five stage pump equal to 350 galls per minute, at a height of 232 feet, and at Wadestown a motor of 150 h.p. will operate with a seven inch seven stage appliance capable of lifting 500 gallons per minute against a total head of 555 feet. High level residents next summer should therefore never suffer a water famine. The above not inconsiderable list of supply seems an ordinary thing, because the various items are familiar now as household words. Even from that point of view the list is remarkable, for where else will you find so many for dealing with all work from the colossal department which pumps water supplies for large populations, to the driving of the smallest labour saver. The point is that the list is really an epitome of the electric history of the world



THE LAWRENCE AND HANSON ELECTRICAL CO., WELLINGTON.

artistic designs, worked in hand-beaten, oxidised copper, in form either circular or straight, and fitted with four lamps and two switches, so that either two or four lamps may be used at once, are displayed. The XCELL dry batteries constitute one of the finest dry cells on the market, and are largely in use in the Post and Telegraph Department. Another special line is insulating tape, which is used in large quantities throughout Australasia for joints, etc. Gener-

The Company are Agents for the Hart Accumulator Co. of England; Venner Time Switches, Ltd., England; Glover's Cable Co., England.