

The New Zealand International Exhibition

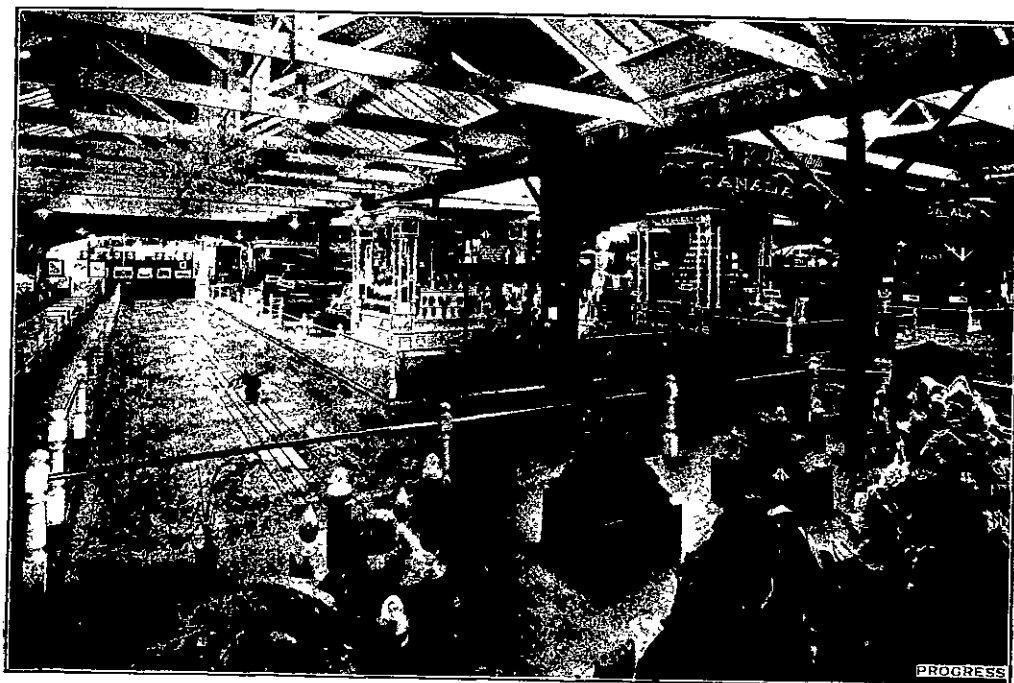
1906-1907

IN our issue of December last we described the exterior chiefly and had illustrations of the main avenues. In the present number we devote our space mainly to the interior, giving special prominence to the Canadian and New South Wales Courts, with particulars of some of the principal exhibits.

Visitors are struck chiefly on entering the building first with the hall, to which access is given by the fine vestibule. The hall, seventy-one feet square, is remarkable for its delicate colouring and the elegance of the ornamentation, and is lighted by a noble dome which rises to a height of ninety feet. Leading from the hall are the suites of rooms set apart for the accommodation of the Governor and the Ministers of the Crown. Comfortable they are and well designed, and there is also a room for the general manager. North and south of the hall are the main avenues, in which are to be seen the exhibits of the private exhibitors. Of these we published comprehensive illustrations last month. The Canadian and the New South Wales Courts never fail to strike the eye of the visitor, so well designed are they, so well furnished, and so well kept.

On the west of the building, and running its entire length, is the big corridor, which has the air of a hall, so large is it and of such fine proportion. At the end of this corridor is the great fernery, which is seen through large glass windows, and it has a very pleasant effect even at a distance.

It is evident at the first glance over the machinery hall that judicious use of many styles has been made by the designer. It has been well said, however, that throughout the design complete freedom from conventionality has been maintained. The main entrance of this hall is under the immense semi-circular roof spanning the great bay. The roof beams are semi-circular, and have been constructed on the laminated principle; the clear span of eighty feet is the widest spanned by any round wooden roof in the world, the famous roof of similar character in Bayonne, France, having only a clear span of sixty-five feet.



THE CANADIAN COURT

The attendance to date has been highly satisfactory. Since the day of opening upwards of 500,000 people have passed through the entrance gates, and it is confidently foretold by the management that fully 2,000,000 visitors will have attended the Exhibition ere the gates are closed on 15th April next.

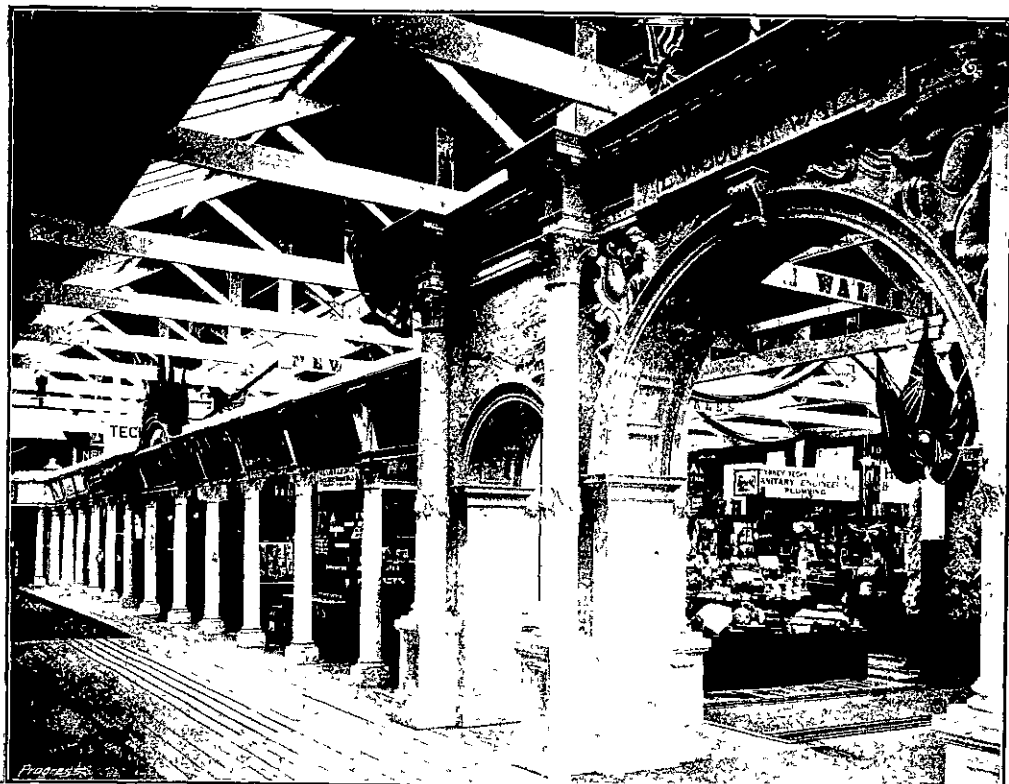
Messrs. Lucas Bros. & Co., Ltd.

THE general view of Messrs Lucas's stand savours of engineering work, from the cast-iron columns and hand rails with panels (which are all their own design and manufacture) at the front, to the engine

and boiler and sausage machine, including steam jacket pan and sausage fillers and brine pumps, which in themselves are a compact butchers' line of machinery. These latter Messrs. Lucas Bros. have been making and supplying to Australasian butchers for the last twenty years. The multi-tubular boiler, with engine attached, is a favourite size and style, as also is the No. 3 "Premier" silent meat-cutting machine. This machine cuts 30 lbs. of meat in 2½ minutes, and has several advantages over the ordinary run of machines, viz., finer knives, requires less speed and, therefore, gives less chance of the meat's fermentation through over-heating. The steam jacket pan is of standard size, and is fitted with strainer and special flanged bottom to allow of complete drainage of dripping when rendering. It is especially suitable for handling any quantity of fat, the fillers being No. 2 size. Five sizes of fillers are stocked by Messrs. Lucas Bros., including horizontal and vertical. The brine pumps are in great demand in the summer season, as they enable the butchers to inject brine into the heart of the meat, instead of soaking meat in brine for a longer period; this results in a great saving of time in the pickling process. The brick-and-tile machine exhibited is of the medium size, and the makers have sent a goodly number to all parts of the colony. It is a hand machine capable of dealing with the most plastic or tenacious clay, and turns out the ordinary brick, or a twelve-inch tile of the various patterns shown, with dies conforming to the Municipal and Drainage requisites. They are represented by gulley gratings and deep sewer manholes and ventilators, also flap valves for storm-water sewers, etc. The builders' iron-work manufactured by Messrs. Lucas is represented by a variety of castings. Brass and gun-metal and casting in various alloys are lines which are included in their general work.

Messrs. Southworth & Peters.

Our illustration shows an exceptionally fine example of airtight casemaking executed by Messrs. Southworth & Peters, a rising and progressive firm who, while experts in all classes of cabinet, shop-fitting and joinery work, are specialists in dust-proof show-cases. The dimensions of the show-case, which occupies a good position in the South wing, are 7 ft. by 5 ft. 6 in. by 8 ft. in height, with airtight mirror-door at back. The three slides and top are of best British plate glass, while the case is built of mahogany having three-quarter



THE NEW SOUTH WALES COURT.