

**HOO-DEN, OR JAPANESE BUILDING.**

The Hoo-den, or Japanese building, on the Wooded Island is a very attractive building. The building is in three sections, the center one being a *fac-simile* of a room in the Nijo Castle, Kyoto, built by Tokugawa Iyeyasu in 1601. No expense has been spared in the execution of these buildings and in the selection of their choice contents. Though the buildings are small still they are without doubt among the most expensive of the foreign buildings on the grounds. The entire series of buildings is presented to Chicago by his Highness the Emperor of Japan.

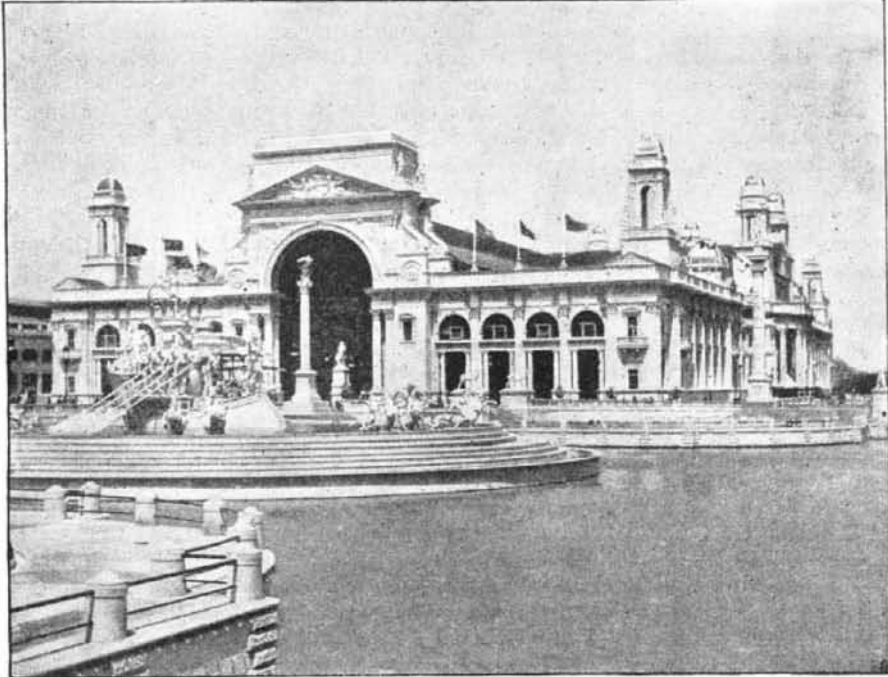
**SOUTH SEA ISLAND VILLAGE.**

The South Sea Islanders have an exhibit in the Midway Plaisance consisting of four Samoan houses constructed by natives. The largest of the houses stood for ten years in the village of King Mataafa and is made from the wood of the bread-fruit tree hatched by leaves of the wild sugar cane. There are about twenty-five villagers, natives of Samoa, Fiji Islands, etc.

**Aluminum Solder.**

This is an alloy consisting of 9 parts of aluminum, 1

to 3 (or even 4) of silver, and 2 to 4 (or even 5) of copper. A silver-copper-zinc-aluminum alloy and a silver-brass-aluminum alloy are also described; moreover, the zinc may be replaced by cadmium or bismuth or a fusible alloy, such as "Wood's metal." A small proportion of gold may also be added. In making the alloys, the copper and silver are first melted together, molten aluminum added, and solid zinc then dropped in. To use the alloy it is broken up and spread between the surfaces of the articles to be soldered, previously heated. These are then pressed together with the soldering iron. No flux is required.



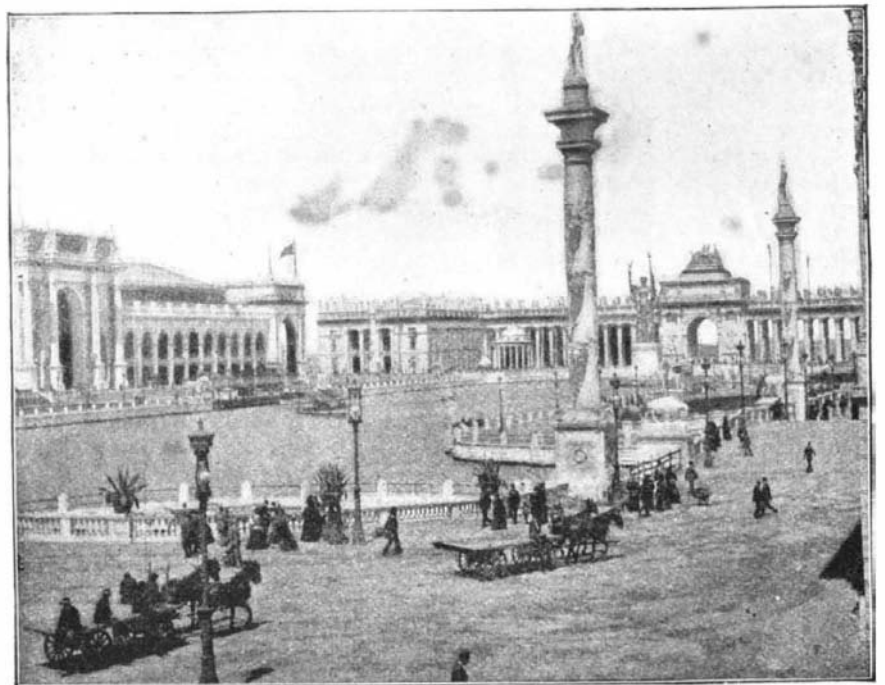
THE PALACE OF ELECTRICITY.



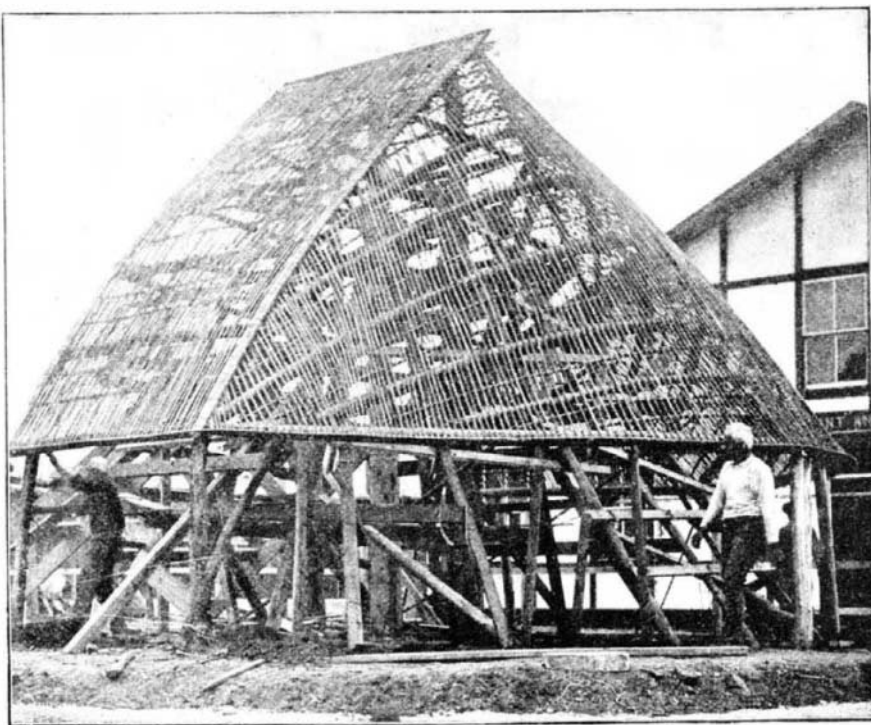
JAPANESE HOO-DEN-WOODED ISLAND.



THE GOVERNMENT BUILDING.



VIEW ON THE LAGOON LOOKING NORTH-PALACE OF MANUFACTURES ON THE LEFT.



SOUTH SEA ISLAND HUT.



THE MARINE CASINO.

**THE WORLD'S COLUMBIAN EXPOSITION—SOME NOTABLE BUILDINGS.**