

ABSTRACT

WIRELESS COMMUNICATION APPARATUS AND WIRELESS COMMUNICATION SYSTEM

A wireless communication apparatus is provided. The wireless
5 communication apparatus is provided with: a control part (22) performing
repetitive transmission of a repetitive signal, that is, a signal that needs to be
repeatedly transmitted, from a transmission part (21A) in the form of an
electric wave; a reception part (21B) receiving an electric wave; and a signal
collision determination part (225) determining, on the basis of the electric
10 wave received by the reception part while the repetitive signal is being
transmitted by the control part, whether or not the repetitive signal transmitted
from the transmission part is in collision with a signal transmitted by a
different device. When the signal collision determination part has
determined that the repetitive signal is in collision with another signal, the
15 control part changes the transmission timing of the repetitive signal.

FIG. 8