

ABSTRACT

WIRELESS COMMUNICATION DEVICE, COMMUNICATION SYSTEM, AND
COMMUNICATION METHOD

5 To readily use an application desired by a user.

 A wireless communication device includes a
communication unit and a control unit. The communication
unit performs a connected device discovery process before a
wireless connection is established. In a case where a
10 connected device discovered through the connected device
discovery process is associated with a specific application,
the communication unit performs an establishment process by
transmitting/receiving data including the information
element for designating the specific application. In a case
15 where a specific application is not designated at the time
of the establishment process but the specific application is
designated after a wireless connection is established, the
control unit transmits/receives data including information
equivalent to the information element without cutoff of the
20 wireless connection. In this manner, control for
designating a specific application is performed.

Figure 2