BLE (Bluetooth (registered trademark) Low Energy) has also been developed in which, although the communication range is short and the communication speed is low, the operation is possible for several years without battery replacement. For example, Patent Document 1 discloses a technique of an information processing apparatus that includes a unique identifier (IDm) in an advertising packet and performs broadcast communication by BLE. Furthermore, Patent Document 2 discloses a technique of a communication apparatus for controlling BLE based on an event.

[0004]

Patent Document 1: Japanese Unexamined Patent Application, Publication No. 2018-23072

Patent Document 2: Japanese Unexamined Patent Application, Publication No. 2017-208617

DISCLOSURE

[0005]

However, in the case of the conventional technique, when there is a plurality of devices (hereinafter referred to as "BLE devices") to be wireless connection partners by BLE, the following problem occurs. That is, in the case of the conventional technique, as shown in FIG. 7, for example, when there are BLE devices B and C to be connected to the BLE device A, each of the BLE devices B and C transmits an advertising packet (a white arrow in FIG. 7) at regular

intervals. On the other hand, the BLE device A performs scanning at regular intervals to acquire the advertising packet transmitted. Here, in a case in which the timing of transmission of the advertising packet of each of the BLE devices B and C overlaps with the timing of scanning of the BLE device A, the BLE device A detects the BLE devices B and C, so that pairing with the BLE device B or C becomes possible. More specifically, as a result of scanning by the BLE device A, information relating to each of the BLE devices B and C is displayed on the screen of the BLE device A. Then, when the user operating the BLE device A selects one of the BLE devices (B or C) to be paired with the BLE device A, pairing is performed between the selected BLE device (B or C) and the BLE device A.

[0006]

However, in a case in which the BLE devices displayed as the candidate connection destinations on the screen of the BLE device are the same type, it is difficult to identify them. For example, when the BLE device B and the BLE device C shown in FIG. 7 are the same type, it is difficult to determine which BLE device each of the information on the two BLE devices displayed on the screen of the BLE device A indicates.

[0007]

The present disclosure has been made in view of such a situation, and has an object of making it possible to distinguish a pairing partner among a plurality of apparatuses.

[0008]

In order to achieve the above, an information processing apparatus according to an aspect of the present invention is an information processing apparatus performing information communication for one or more other information processing apparatuses, each performing a predetermined function, and the information processing apparatus includes a pairing unit configured to start, using acquisition of information as specifying information that can specify one other information processing apparatus among the one or more other information processing apparatuses as a trigger, processing of acquiring information necessary for pairing to be transmitted from the one other information processing apparatus as pairing information; and perform pairing with the one other information processing apparatus by using the pairing information acquired.

[0008A] In an aspect, there is an information processing apparatus performing information communication for one or more other information processing apparatuses, each performing a predetermined function, comprising an acquisition unit configured to acquire information, as specifying information, that can specify one other information processing apparatus from among the one or more other information processing apparatuses, in a state of being close to and in non-contact with the other information processing apparatus; and a pairing unit configured to start processing of acquiring information necessary for pairing to be transmitted from the one other information processing apparatus as pairing information, the information being transmitted with the acquisition of the specifying information by the acquisition unit as a trigger, and perform pairing with the one other information processing apparatus by using the pairing information acquired

[0009]

Furthermore, in order to achieve the above, an information processing apparatus according to the present invention is an information processing apparatus performing information communication with other information processing apparatuses for performing a predetermined function, and the information processing apparatus includes a pairing unit configured to execute, using acquisition of information as specifying information that can specify the information processing apparatus by the other information processing apparatus as a trigger, control for

1. An information processing apparatus performing information communication for one or more other information processing apparatuses, each performing a predetermined function, comprising:

an acquisition unit configured to acquire information, as specifying information, that can specify one other information processing apparatus from among the one or more other information processing apparatuses, in a state of being close to and in non-contact with the other information processing apparatus; and

a pairing unit configured to start processing of acquiring information necessary for pairing to be transmitted from the one other information processing apparatus as pairing information, the information being transmitted with the acquisition of the specifying information by the acquisition unit as a trigger, and perform pairing with the one other information processing apparatus by using the pairing information acquired.

2.An information processing apparatus performing information communication with other information processing apparatus for performing a predetermined function,

comprising a pairing unit configured to execute, using acquisition of information as specifying information that can specify the information processing apparatus in a state of being close to and in non-contact with other information processing apparatus as a trigger, control for transmitting information necessary for pairing to be executed in the other information processing apparatus to the other information processing apparatus as pairing information.