

COMMUNICATION DEVICE AND COMMUNICATION METHOD

ABSTRACT OF THE DISCLOSURE

A communication device includes: a communication unit configured to perform proximity communication with a reader/writer; and a control unit configured to control writing of data as to nonvolatile memory in accordance with a command from the reader/writer; with the control unit writing data in a buffer unit that serves as a buffer to buffer data to be written, in accordance with a command from the reader/writer, writing the unit number of an object unit that is a unit to be written with data as the unit number of the buffer unit, and taking the object unit as a new buffer unit, thereby performing writing of data in the object unit; and with the control unit being activated by an RF signal being received from the reader/writer, and erasing all of the pages of the buffer unit during activation processing to be performed before receiving a command from the reader/writer.

Figure 2