

COMMUNICATION SYSTEM AND COMMUNICATION TERMINAL

ABSTRACT

A transmitting circuit 14 is connected to a communication line 4 and configured to transmit a primary signal 51, being a current signal, to the communication line 4 by changing a current flowing from a transmission unit 2 via the communication line 4. A receiving circuit 15 is configured to receive a secondary signal 52 which is generated by converting the primary signal 51 transmitted from the transmitting circuit 14 to a voltage signal by a current/voltage converter 3 provided between the transmission unit 2 and the communication line 4. Specifically, the primary signal 51, being a current signal transmitted from a communication terminal 10, is converted to the secondary signal 52 being a voltage signal by the current/voltage converter 3. As a result, communication can be performed even when the impedance of the communication line is reduced, facilitating introduction of a communication system.

(Figure 1)