ABSTRACT OF THE DISCLOSURE (FIG. 2)

"COMMUNICATION SYSTEM, TRANSMITTER AND RECEIVER"

A communication system comprises a transmitter configured to binary data and a receiver configured to the data transmitted from the transmitter. The transmitter counts the number of bits of any one of binary value of a data section of the transmission data, and determines whether or not inversion processing should be performed in accordance with the counted number. When performing the inversion processing, the transmitter reverses each bit of the data section of the transmission data, adds inversion information showing that the bits have been reversed, and transmits the transmission data. The receiver receives the transmission data and determines whether or not inversion processing should be performed for the reception data, on the basis of the inversion information of the reception data. When performing the inversion processing, the receiver reverses each bit of the data section of the reception data.

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