

COMMUNICATION SYSTEM, COMMUNICATION DEVICE, WIRED
COMMUNICATION DEVICE, AND COMMUNICATION METHOD

ABSTRACT OF THE DISCLOSURE

A communication system includes a wired communication device and a communication device that can communicate with a wireless communication device and the wired communication device. The communication device includes a clock output unit and a modulator. The wired communication device includes a clock extracting unit, a signal extracting unit, and a processing unit. The communication device and the wired communication device are connected to each other by a first connecting line through which a modulated signal is sent from the communication device to the wired communication device, and a second connecting line, which is different from the first connecting line, through which a signal is sent from the wired communication device to the communication device.

Fig. 1