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(54) **WIRELESS HEADPHONES AND DATA TRANSMISSION METHOD**

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(57) **ABSTRACT**

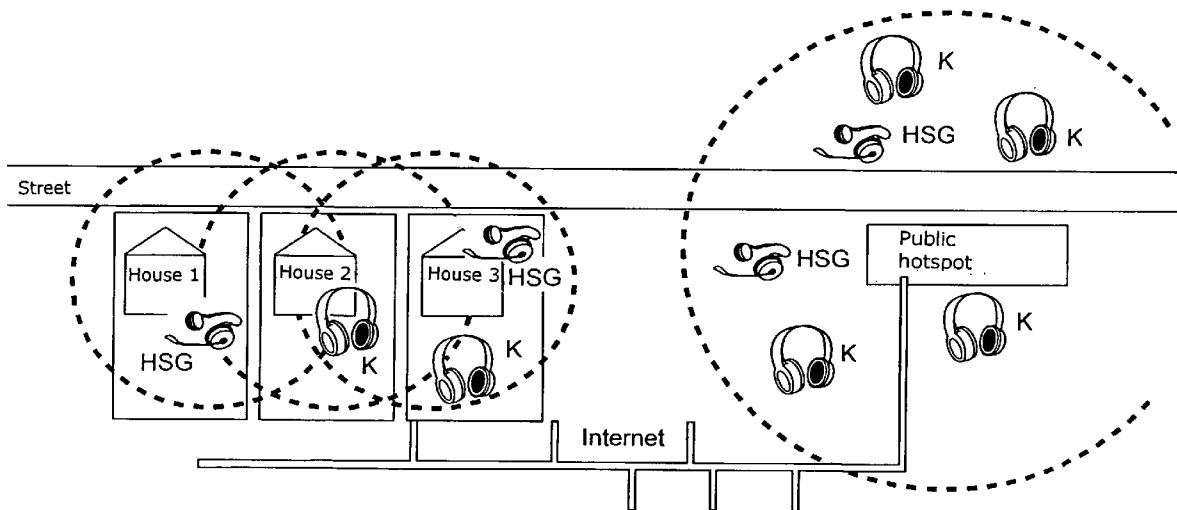
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There is provided a wireless headphone unit having at least one electroacoustic transducer and a transmitting/receiving unit for wirelessly receiving first signals which contain audio signals to be reproduced on the electroacoustic transducer and a network identification unit for storing the network identification of the wireless headphone unit, wherein the transmitting/receiving unit is adapted for wirelessly transmitting the network identification of the headphone unit.



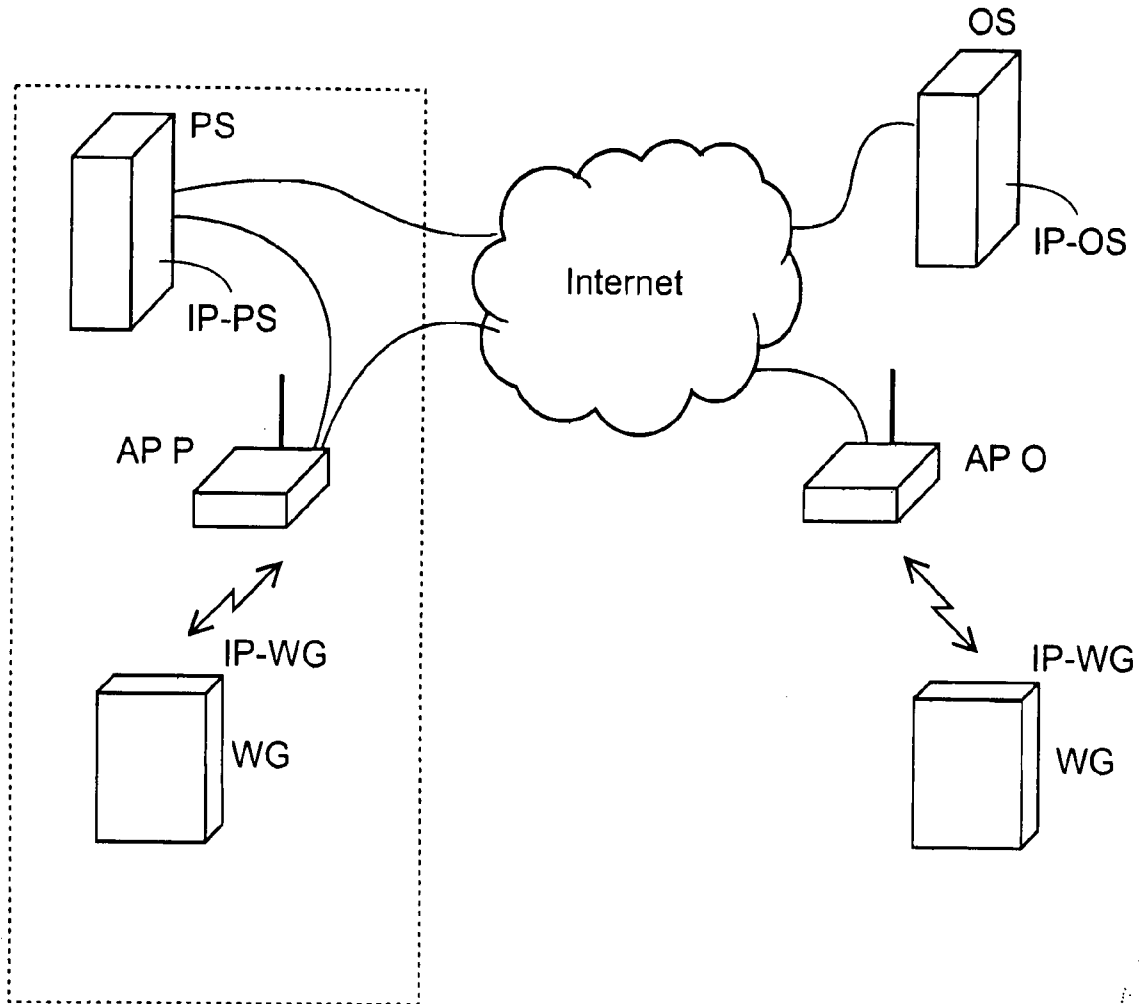


Fig.1

To the access point

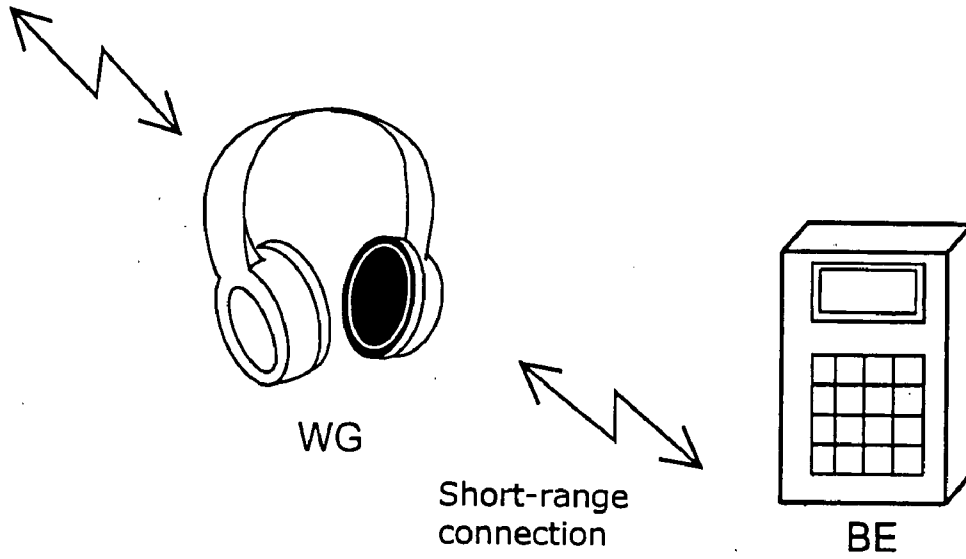


Fig.2

To the access point

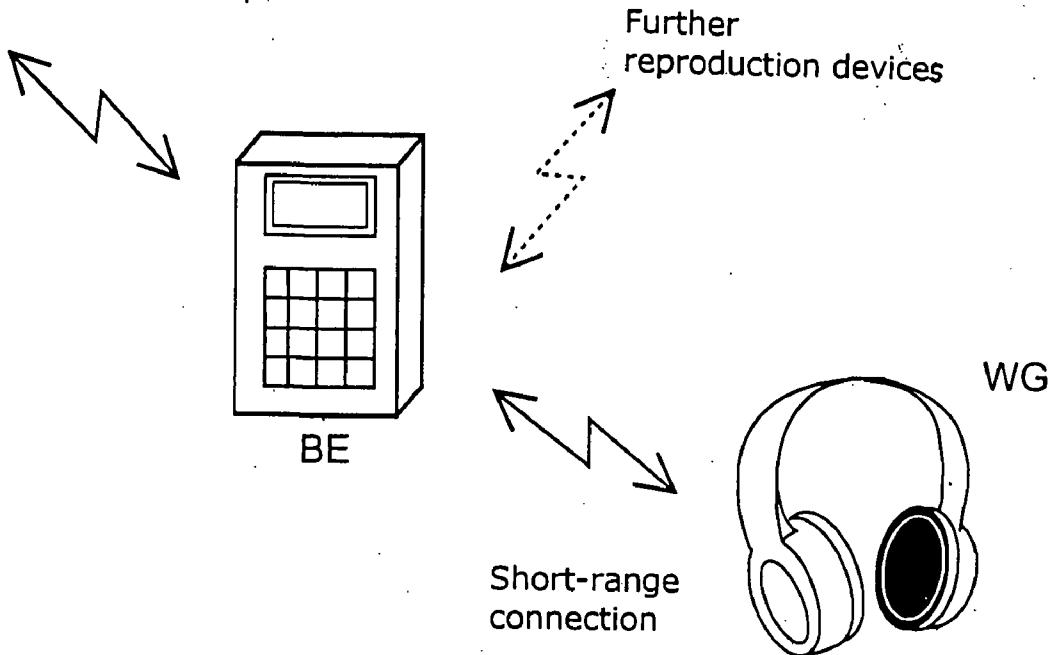


Fig. 3

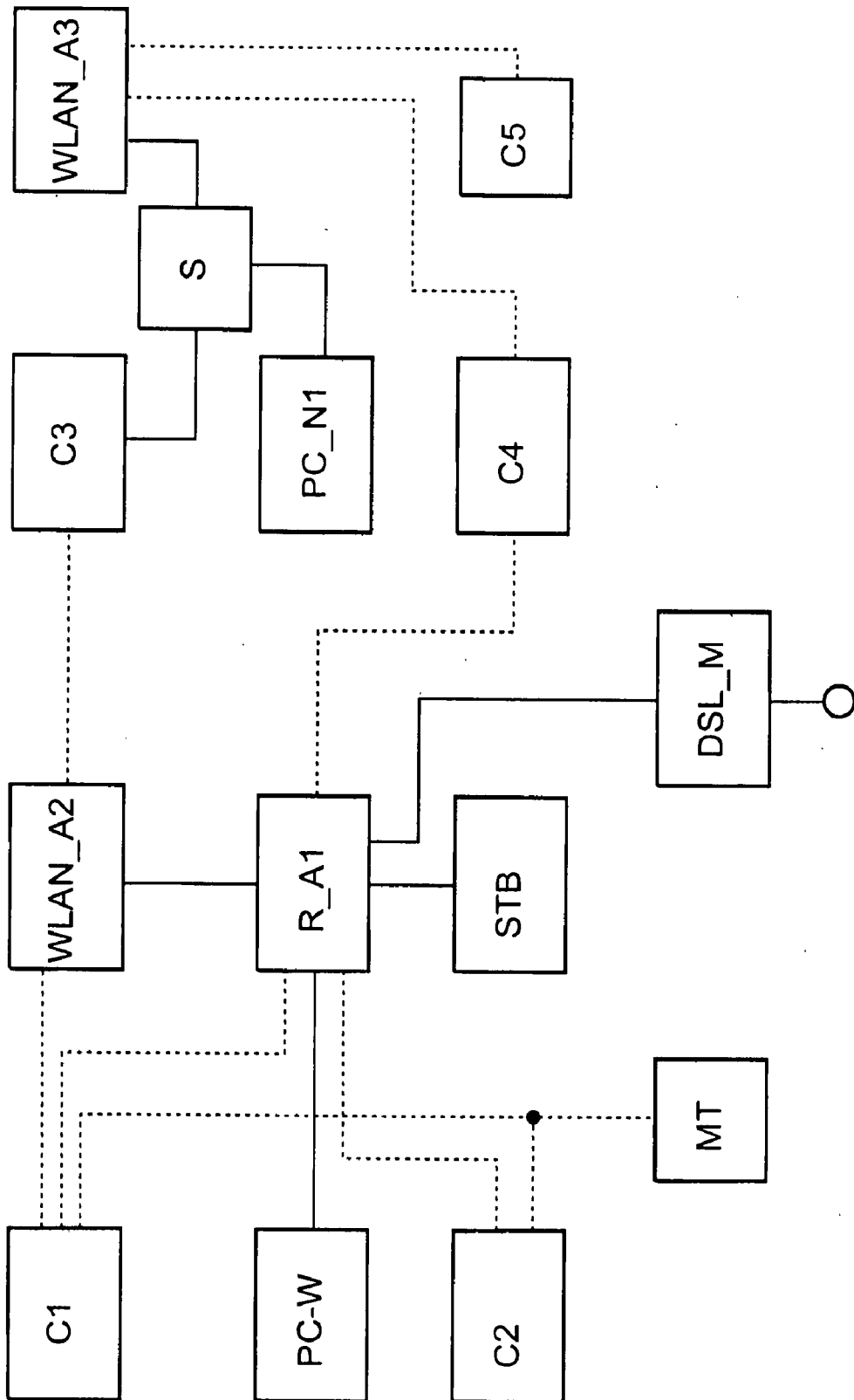


Fig.4

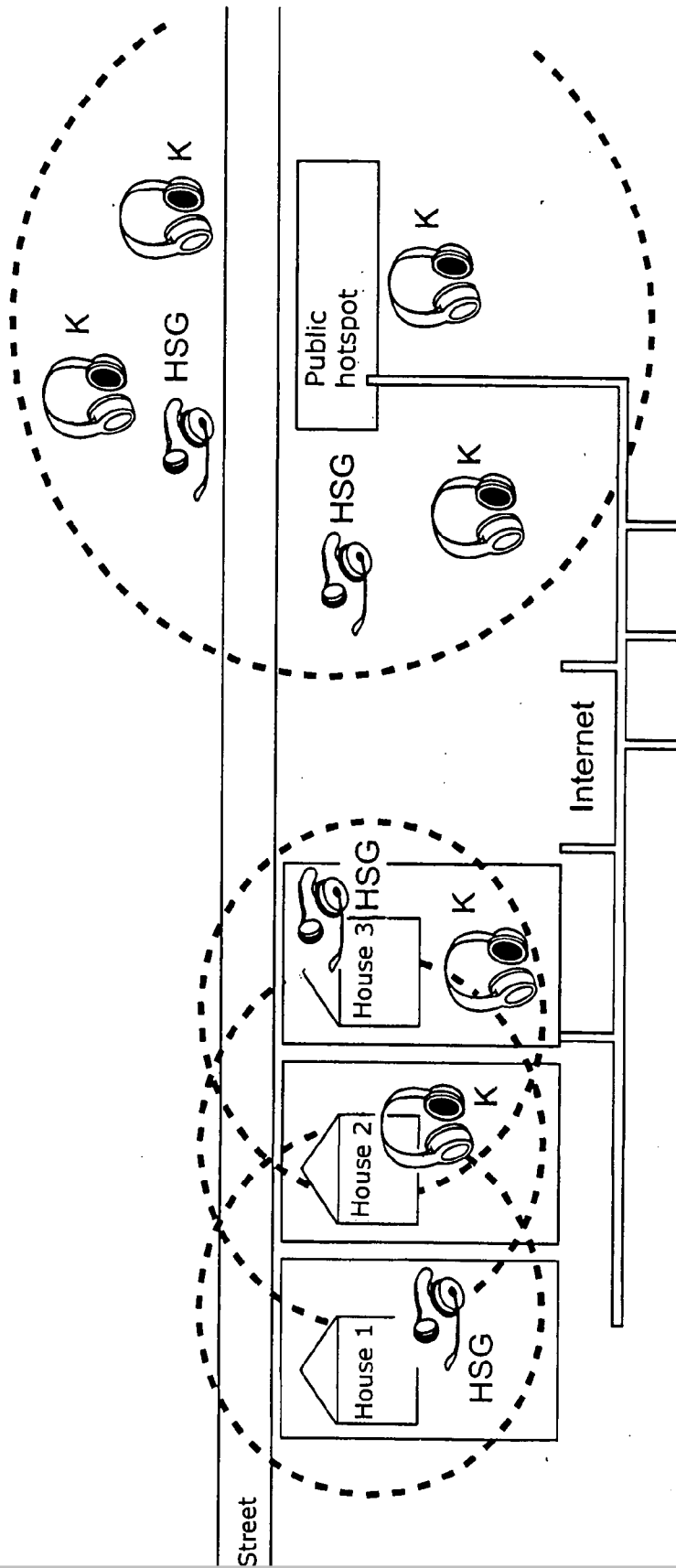


Fig.5

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