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(54) **EARPIECE/MICROPHONE (HEADSET)
SERVICING MULTIPLE INCOMING AUDIO
STREAMS**

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(57) **ABSTRACT**

The present invention provides a modular wireless headset with which to service multiple incoming audio streams. This modular wireless headset includes a wireless microphone and wireless earpiece. The wireless earpiece may exchange radio frequency (RF) signals with a base unit and render content contained within the exchanged RF signals to a user. This wireless earpiece further includes a wireless interface, a processor, a speaker, a user interface, and an authentication module. The wireless interface allows the earpiece to wirelessly communicate with the base unit. The processor recovers communications exchanged with the base unit that the speaker then renders audible. A user interface coupled to the processor may alert the user to any additional incoming audio communications. Having received the alert, the user may select between the communications. The authentication module allows the wireless earpiece and microphone to pair (forming the modular wireless headset) and register the headset with the base unit.

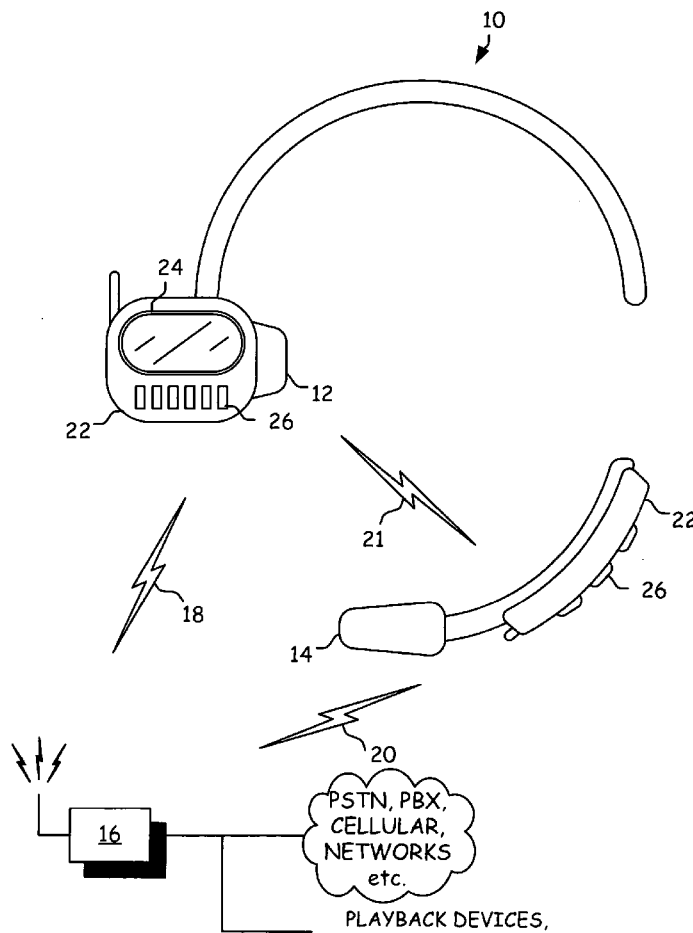
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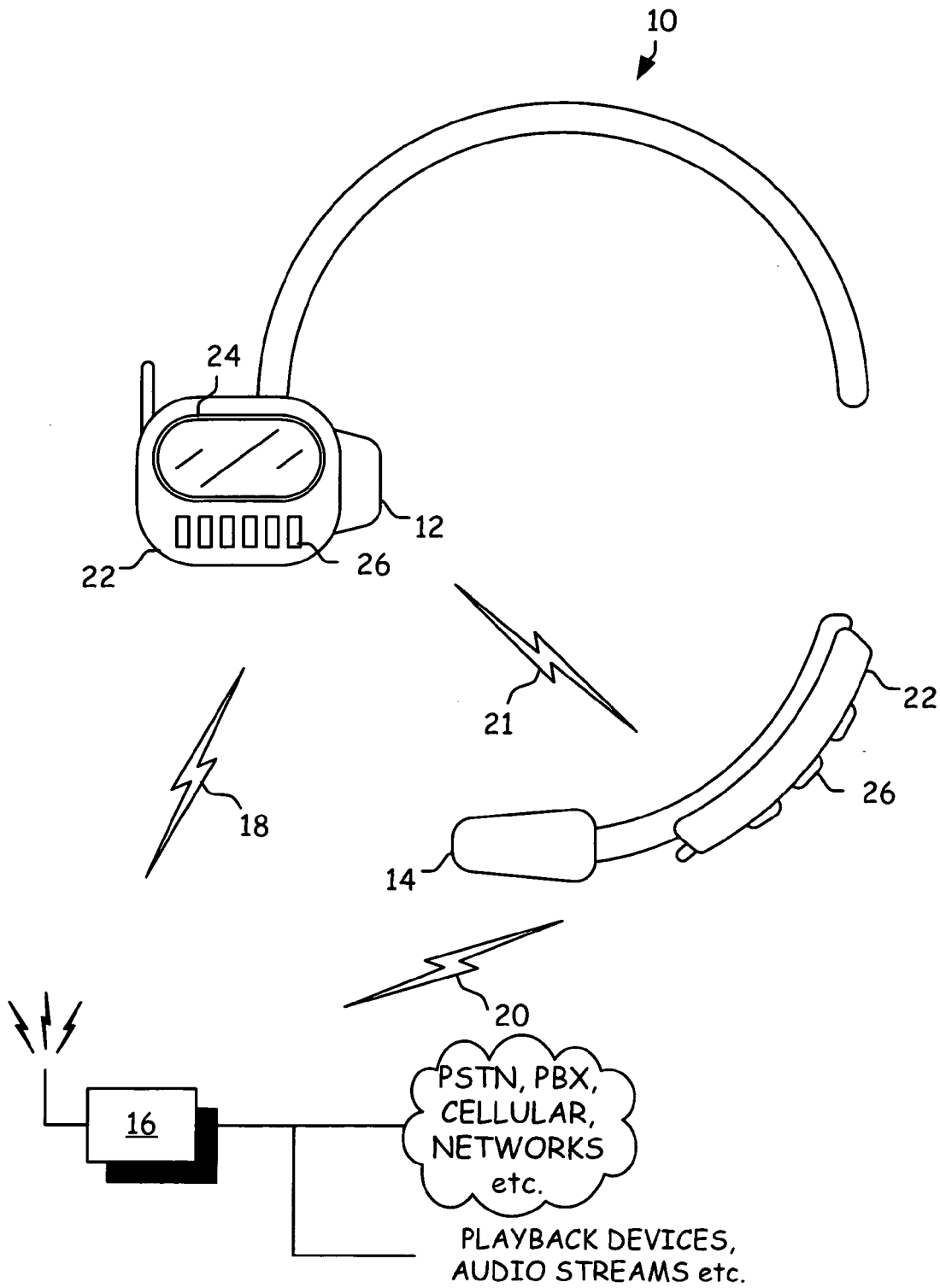


FIG. 1

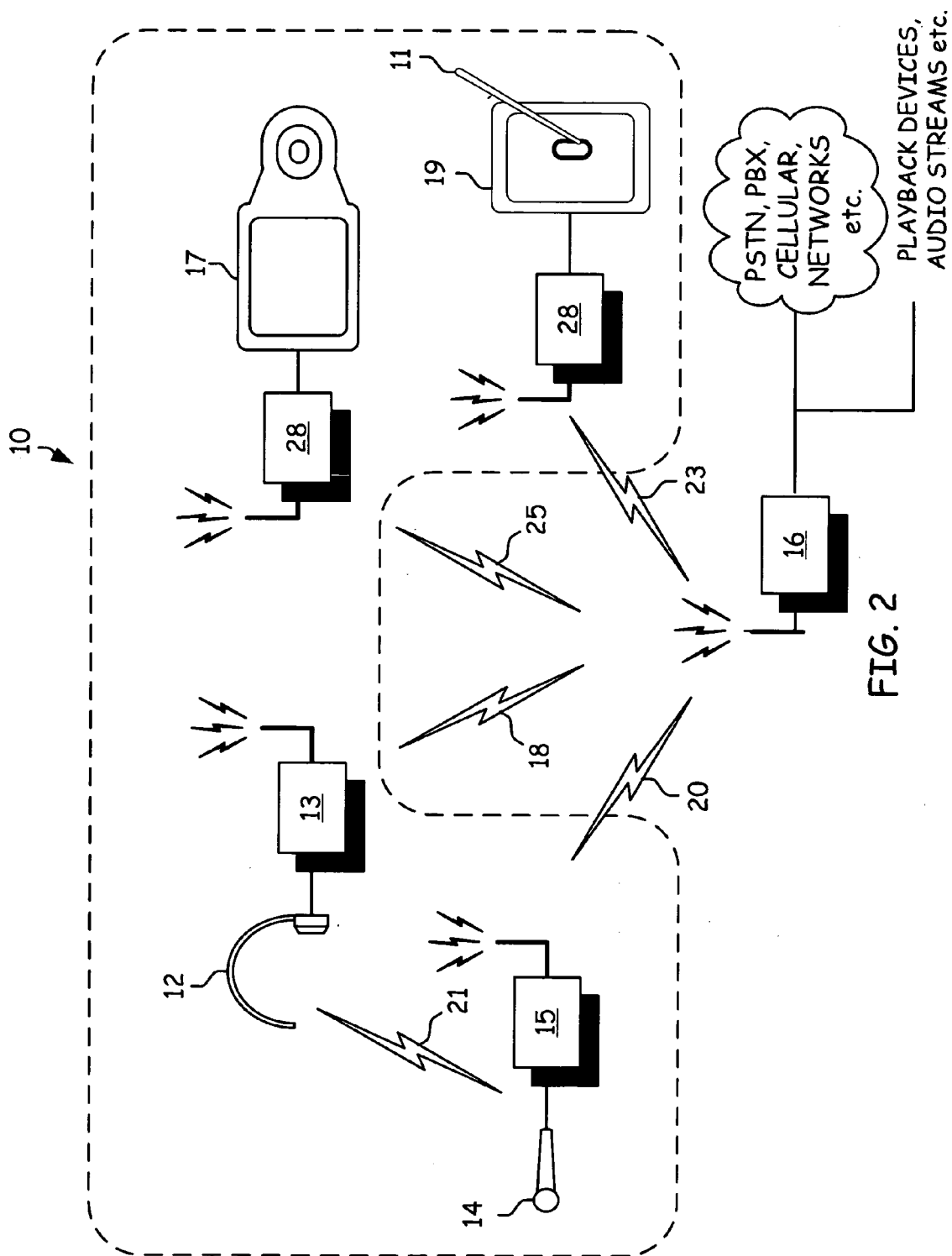


FIG. 2

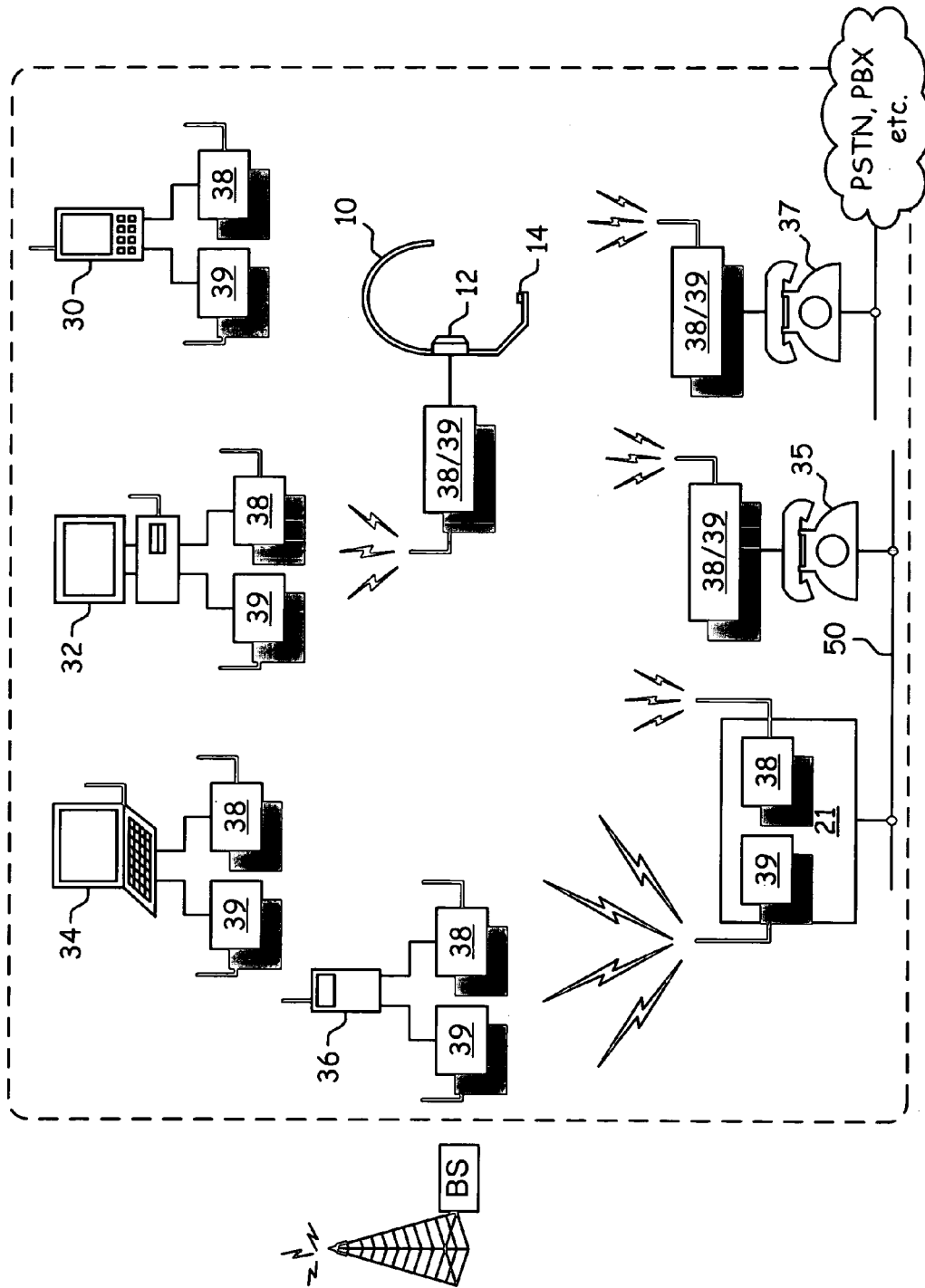


FIG. 3

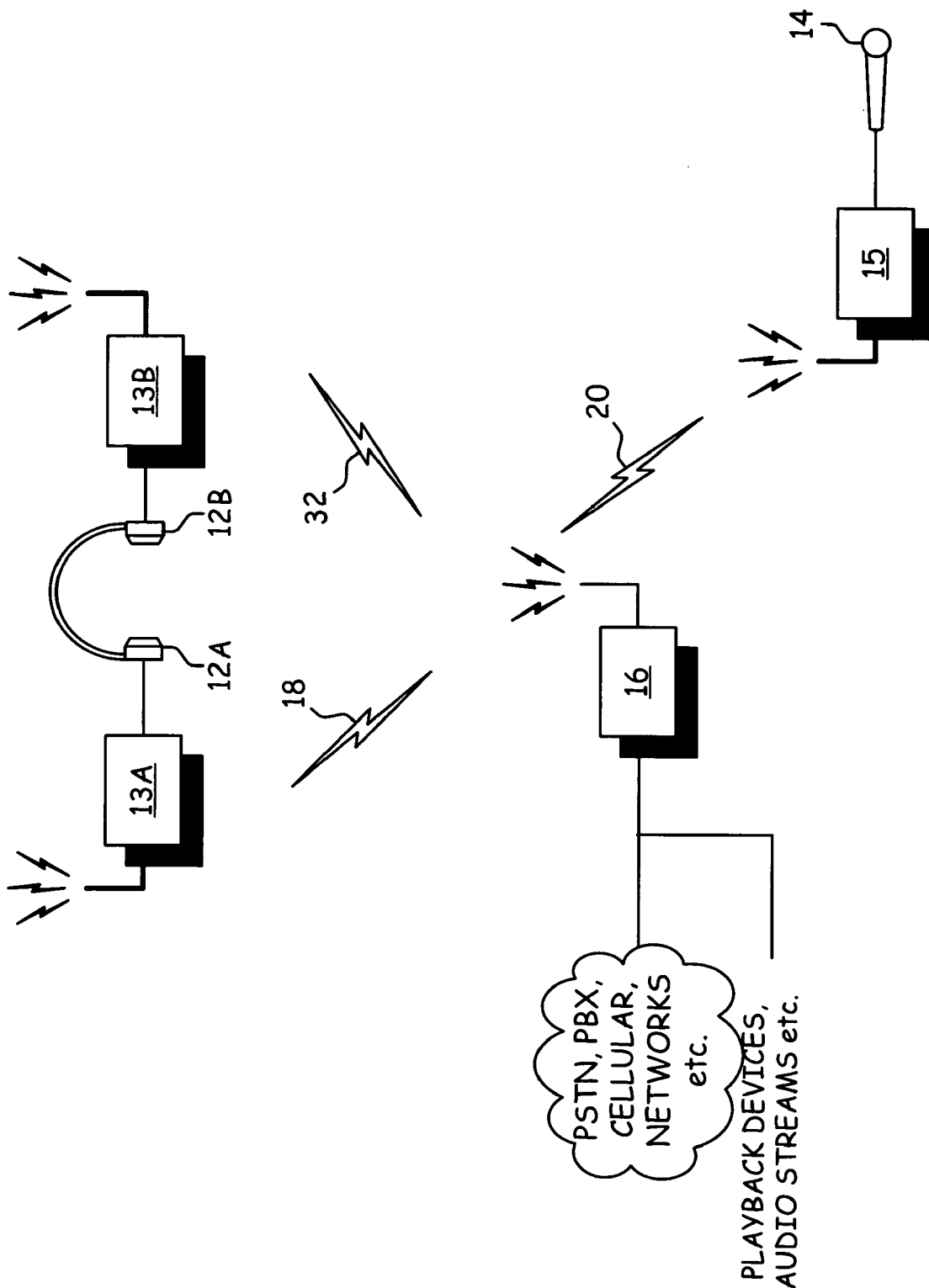


FIG. 4

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