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**Pelland et al.**

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(54) **SYSTEM WITH WIRELESS EARPHONES**

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This patent is subject to a terminal disclaimer.

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**Related U.S. Application Data**

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**H04R 1/10** (2006.01)  
**H04R 3/00** (2006.01)  
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(52) **U.S. Cl.**  
CPC ..... **H04R 3/00** (2013.01); **H04M 1/0254** (2013.01); **H04R 1/1091** (2013.01); **H04R 5/033** (2013.01);  
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455/575.2

See application file for complete search history.

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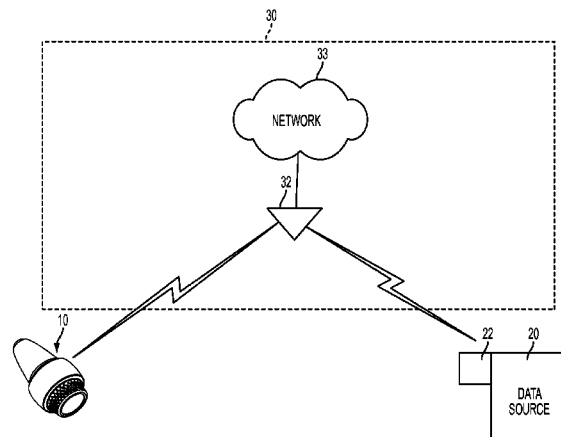
*Primary Examiner* — Kiet Doan

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(57) **ABSTRACT**

A system comprising a wireless earphone set and a client computing device, both of which are communicable with a host server via the Internet. The host server stores configuration parameters for the wireless earphone set that are transmittable to the wireless earphone set via the Internet, and that are configurable by an authenticated user of the client computing device via the host server to generate updated configuration parameters for the wireless earphone set. The updated configuration parameters for the wireless earphone set are transmitted by the host server to the wireless earphone set via the Internet.

**29 Claims, 16 Drawing Sheets**



- (51) **Int. Cl.**  
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*H04R 5/033* (2006.01)  
*H04R 5/04* (2006.01)  
*H04R 25/00* (2006.01)
- (52) **U.S. Cl.**  
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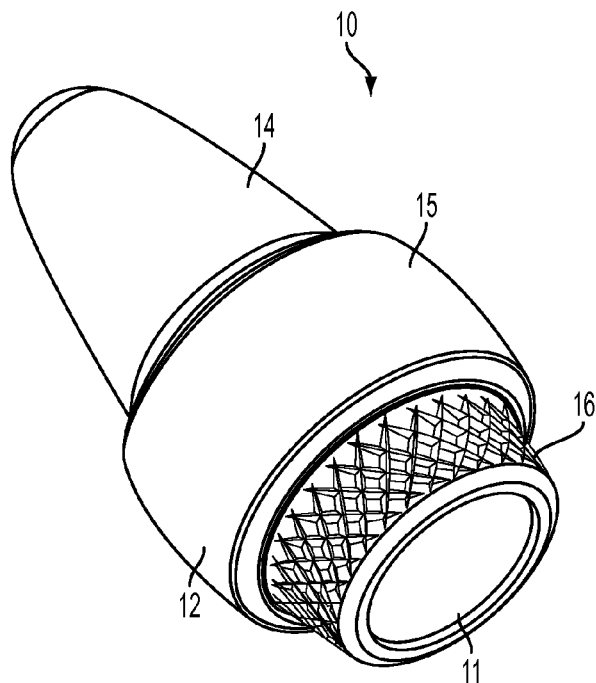


FIG. 1A

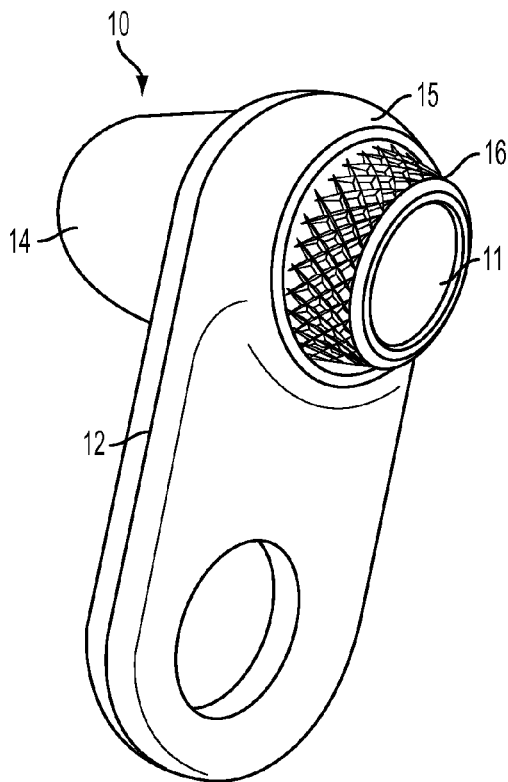


FIG. 1B

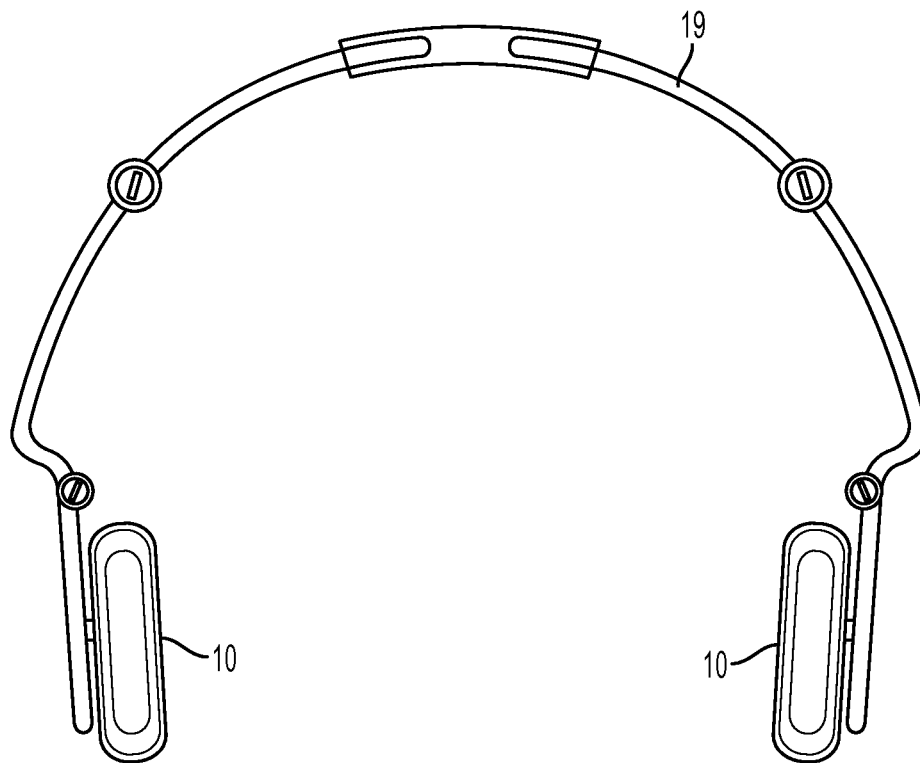


FIG. 1C

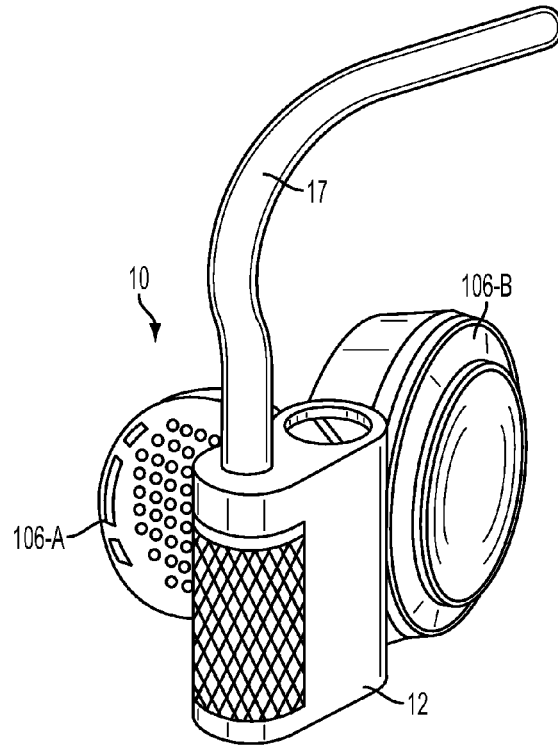


FIG. 1D

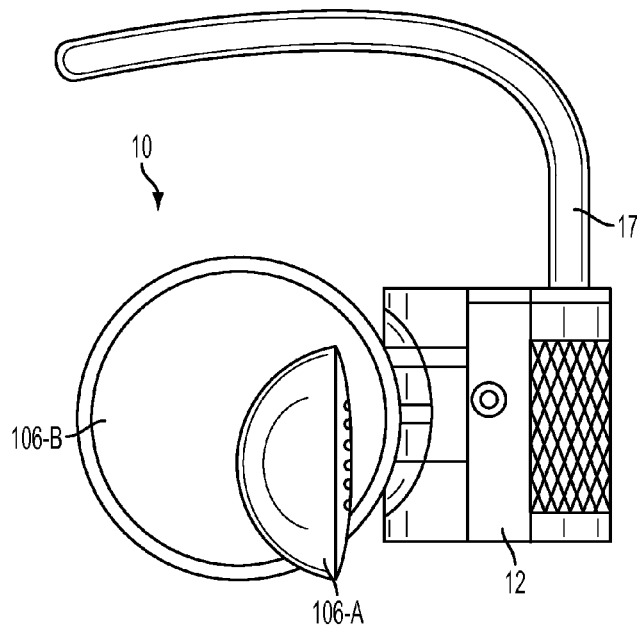


FIG. 1E

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