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Koss et al.

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(54) **SYSTEM WITH WIRELESS EARPHONES**

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(*) Notice: Subject to any disclaimer, the term of this patent is extended or adjusted under 35 U.S.C. 154(b) by 0 days.

This patent is subject to a terminal disclaimer.

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Related U.S. Application Data

(63) Continuation of application No. 13/609,409, filed on Sep. 11, 2012, now Pat. No. 9,049,502, which is a continuation of application No. 13/459,291, filed on Apr. 30, 2012, now Pat. No. 8,571,544, which is a

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(51) **Int. Cl.**

H04R 1/10 (2006.01)

H04W 4/00 (2009.01)

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(52) **U.S. Cl.**

CPC **H04R 1/1091** (2013.01); **H04W 4/008** (2013.01); **H04W 48/20** (2013.01); **H04R 2201/107** (2013.01); **H04R 2420/07** (2013.01); **H04W 84/18** (2013.01)

(58) **Field of Classification Search**

CPC H04M 1/6041; H04R 5/033

USPC 455/412.2; 381/370, 58, 74, 182; 379/430, 433.01

See application file for complete search history.

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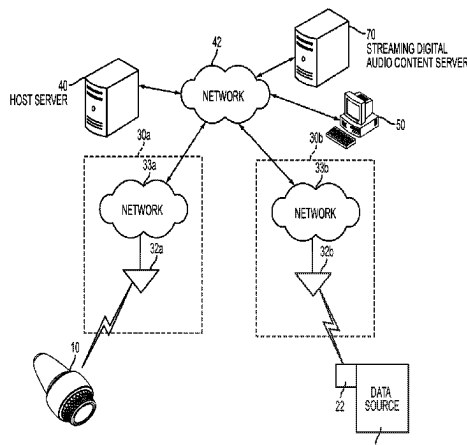
Primary Examiner — Kiet Doan

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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.

10 Claims, 16 Drawing Sheets



Related U.S. Application Data

continuation of application No. 12/936,488, filed as application No. PCT/US2009/039754 on Apr. 7, 2009, now Pat. No. 8,190,203.

(60) Provisional application No. 61/123,265, filed on Apr. 7, 2008.

(51) **Int. Cl.**

H04W 48/20 (2009.01)
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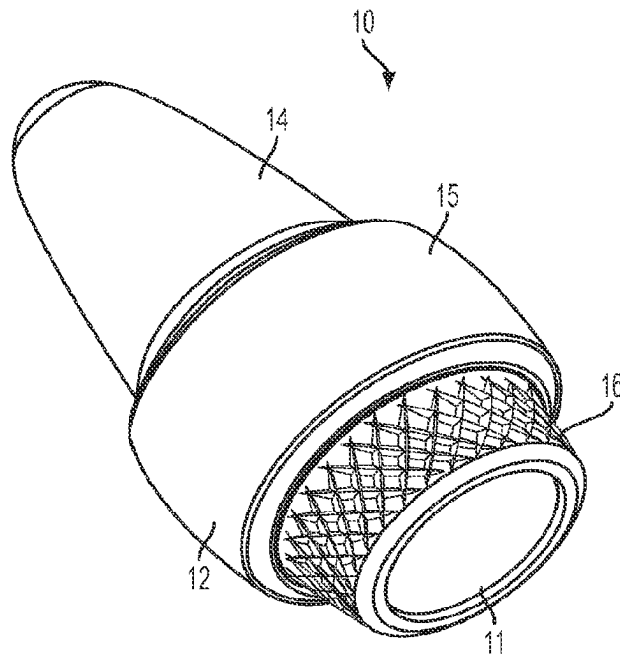


FIG. 1A

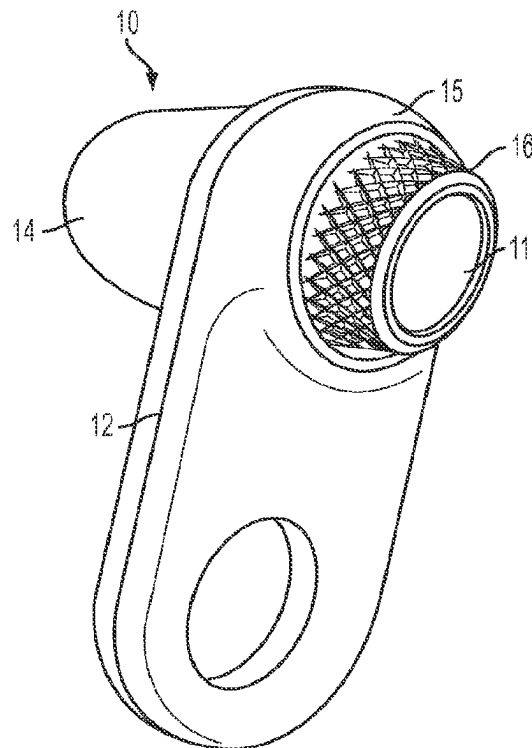


FIG. 1B

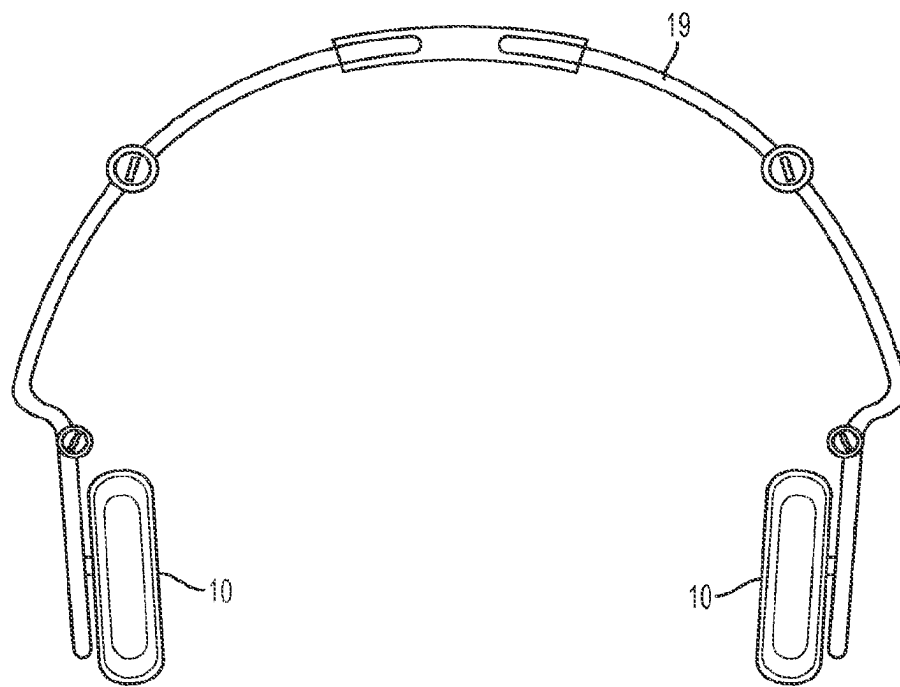


FIG. 1C

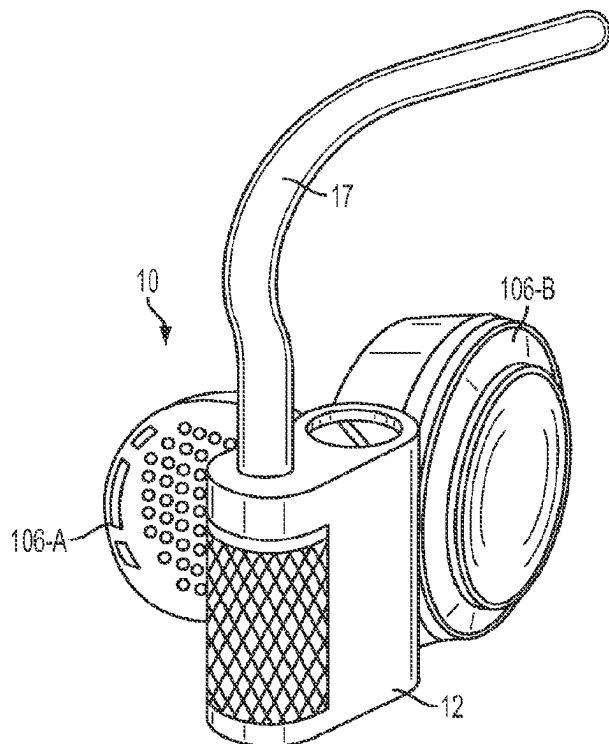


FIG. 1D

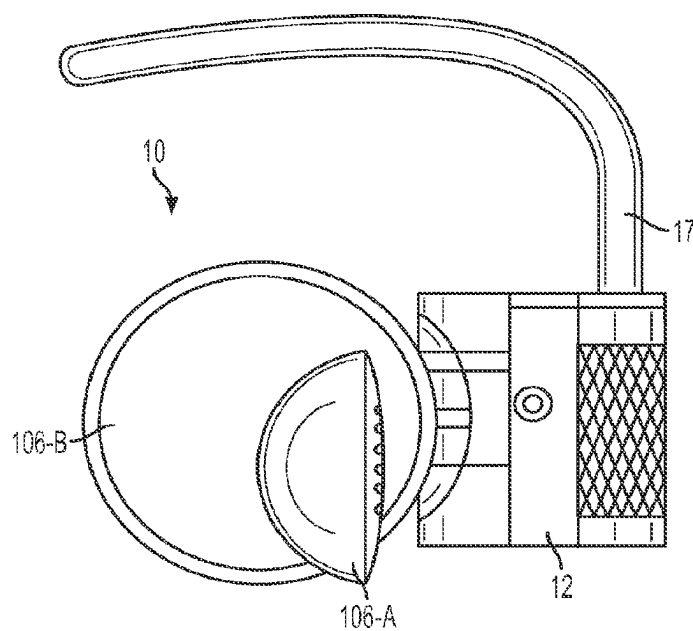


FIG. 1E

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