



(51) International Patent Classification:
H04R 1/10 (2006.01)

(21) International Application Number:
PCT/US2011/048526

(22) International Filing Date:
20 August 2011 (20.08.2011)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:
12/860,648 20 August 2010 (20.08.2010) US
29/393,446 3 June 2011 (03.06.2011) US

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(81) Designated States (unless otherwise indicated, for every kind of national protection available): AE, AG, AL, AM, AO, AT, AU, AZ, BA, BB, BG, BH, BR, BW, BY, BZ, CA, CH, CL, CN, CO, CR, CU, CZ, DE, DK, DM, DO, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, GT, HN, HR, HU, ID, IL, IN, IS, JP, KE, KG, KM, KN, KP, KR, KZ, LA, LC, LK, LR, LS, LT, LU, LY, MA, MD, ME, MG, MK, MN, MW, MX, MY, MZ, NA, NG, NI, NO, NZ, OM, PE, PG, PH, PL, PT, QA, RO, RS, RU, SC, SD, SE, SG, SK, SL, SM, ST, SV, SY, TH, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, ZA, ZM, ZW.

(84) Designated States (unless otherwise indicated, for every kind of regional protection available): ARIPO (BW, GH, GM, KE, LR, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European (AL, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HR, HU, IE, IS, IT, LT, LU, LV, MC, MK, MT, NL, NO, PL, PT, RO, RS, SE, SI, SK, SM, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

[Continued on next page]

(54) Title: AUDIO EAR BUD HEADPHONE WITH EXTENDED CURVATURE

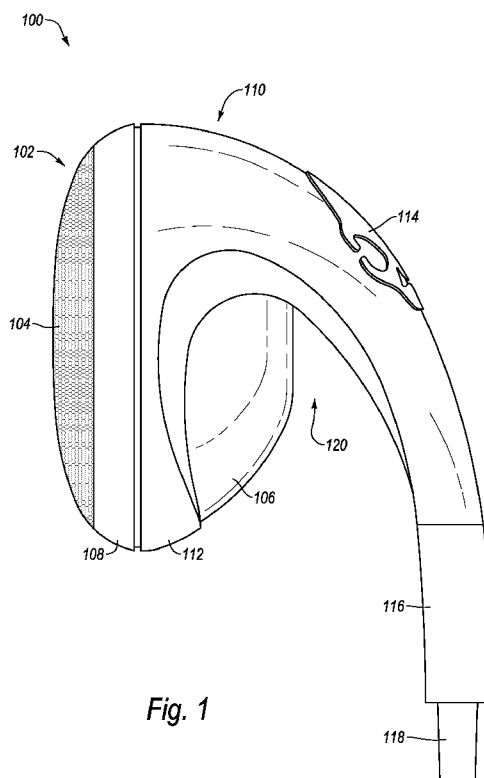


Fig. 1

(57) Abstract: Ear bud headphones configured for use with a portable media player include a main body portion with an extended curvature configuration. In one example implementation, the ear bud headphones include a speaker housing and an extension that form a gap between the speaker housing and the extension. A user can secure a portion of the user's outer ear in the gap (i.e., between the extension and speaker housing) such that the ear bud is securely and comfortably held in place within a user's ear. Additionally, the ear bud headphones can be interchangeable such that a user can customize the size, fit, and style of the ear bud headphone.

**Published:****(88) Date of publication of the international search report:**

19 April 2012

- *with international search report (Art. 21(3))*
- *before the expiration of the time limit for amending the claims and to be republished in the event of receipt of amendments (Rule 48.2(h))*

INTERNATIONAL SEARCH REPORT

International application No.
PCT/US2011/048526**A. CLASSIFICATION OF SUBJECT MATTER****H04R 1/10(2006.01)i**

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

H04R 1/10; H04R 25/00; H04R 1/02; A61B 7/02

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Korean utility models and applications for utility models

Japanese utility models and applications for utility models

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

eKOMPASS(KIPO internal) & Keywords: earphone, earbud, speaker, portable

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	US 2007-0081688 A1 (HSIEN-TA CHEN) 12 April 2007 See abstract, claims 1,4 and figure 1	1-20
A	US 2005-0247515 A1 (CHRISTIAN BERG) 10 November 2005 See abstract, claim 1 and figure 1	1-20
A	US 2002-0090104 A1 (HSI KUANG MA) 11 July 2002 See abstract, claims 1, 6 and figure 1	1-20
A	US 2009-0041281 A1 (CHANG WAN-HSIANG) 12 February 2009 See abstract, claim 1 and figure 1	1-20



Further documents are listed in the continuation of Box C.



See patent family annex.

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"&" document member of the same patent family

Date of the actual completion of the international search

28 FEBRUARY 2012 (28.02.2012)

Date of mailing of the international search report

29 FEBRUARY 2012 (29.02.2012)

Name and mailing address of the ISA/KR

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INTERNATIONAL SEARCH REPORT

Information on patent family members

International application No.

PCT/US2011/048526

Patent document cited in search report	Publication date	Patent family member(s)	Publication date
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US 2005-0247515 A1	10.11.2005	None	
US 2002-0090104 A1	11.07.2002	TW 488591 U TW 488591 Y	21.05.2002 21.05.2002
US 2009-0041281 A1	12.02.2009	None	