



(51) International Patent Classification:  
*H04R 5/00* (2006.01) *H04B 7/00* (2006.01)  
*H04R 5/02* (2006.01)

(21) International Application Number:  
PCT/SG2011/000335

(22) International Filing Date:  
27 September 2011 (27.09.2011)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:  
12/896,730 1 October 2010 (01.10.2010) US

(71) Applicant (for all designated States except US): **CRE-  
ATIVE TECHNOLOGY LTD** [SG/SG]; 31 International  
Business Park, Creative Resource, Singapore 609921  
(SG).

(72) Inventors; and

(75) Inventors/Applicants (for US only): **SIM, Wong Hoo**  
[SG/SG]; 5 Chestnut Terrace, Singapore 679123 (SG).  
**CHANG, Thean Kuie, Christopher** [SG/SG]; Block  
683c, Jurong West Street 64, #16-143, Singapore 643683  
(SG).

(74) Agent: **ATMD BIRD & BIRD LLP**; 2 Shenton Way,  
#18-01 Sgx Centre 1, Singapore 068804 (SG).

(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,  
RW, 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, RW, 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).

**Declarations under Rule 4.17:**

- as to applicant's entitlement to apply for and be granted  
a patent (Rule 4.17(ii))  
— of inventorship (Rule 4.17(iv))

[Continued on next page]

(54) Title: AN AUDIO REPRODUCTION DEVICE AND A METHOD FOR USING THE AFOREMENTIONED DEVICE

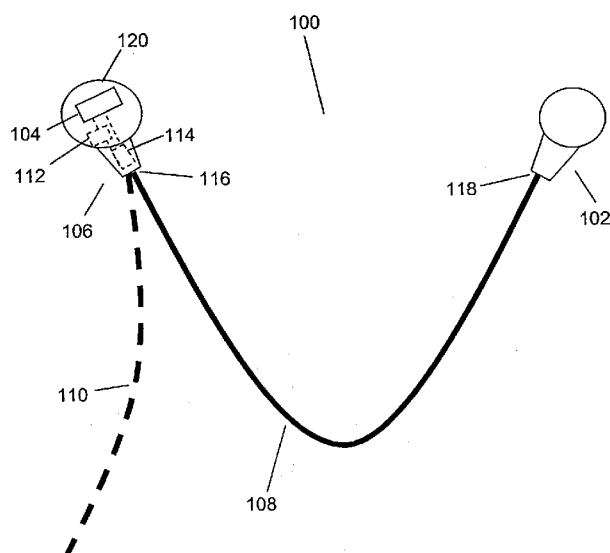


Figure 1

(57) Abstract: There is provided an audio reproduction device capable of providing audio output through at least one output member and a corresponding method for using the audio reproduction device. The audio reproduction device includes a left output member for transmission of audio, the left output member being able to fit into a user's first ear; a transducer for converting input audio signals into audio output, the transducer being directly coupled to the left output member; an acoustic tube coupled to the left output member for transmission of audio from the transducer, a first end of the acoustic tube being coupled to the left output member; and a right output member for transmission of audio, the right output member being able to fit into the user's second ear, a second end of the acoustic tube being coupled to the right output member.



---

**Published:**

— *with international search report (Art. 21(3))*