

(19) World Intellectual Property
Organization
International Bureau



(43) International Publication Date
4 August 2005 (04.08.2005)

PCT

(10) International Publication Number
WO 2005/072005 A1

(51) International Patent Classification⁷: **H04R 1/28**

(21) International Application Number:
PCT/SG2005/000003

(22) International Filing Date: 12 January 2005 (12.01.2005)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:
10/764,172 23 January 2004 (23.01.2004) 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): **SUPRAPMO,
Susimin** [ID/SG]; Block 22, Bukit Batok Street. 52,
#28-02, Singapore 659245 (SG). **SHEE, Choon Yen,
Frankie** [MY/SG]; Block 161, Bukit Merah Central,
#01-3749, Singapore 150161 (SG). **CHANG, Thean
Kuie, Christopher** [SG/SG]; Block 683C, Jurong West

Street 64, #16-143, Singapore 643683 (SG). **CHONG,
Kin Fui** [SG/SG]; Block 217, Choa Chu Kang Central,
#04-208, Singapore 680217 (SG).

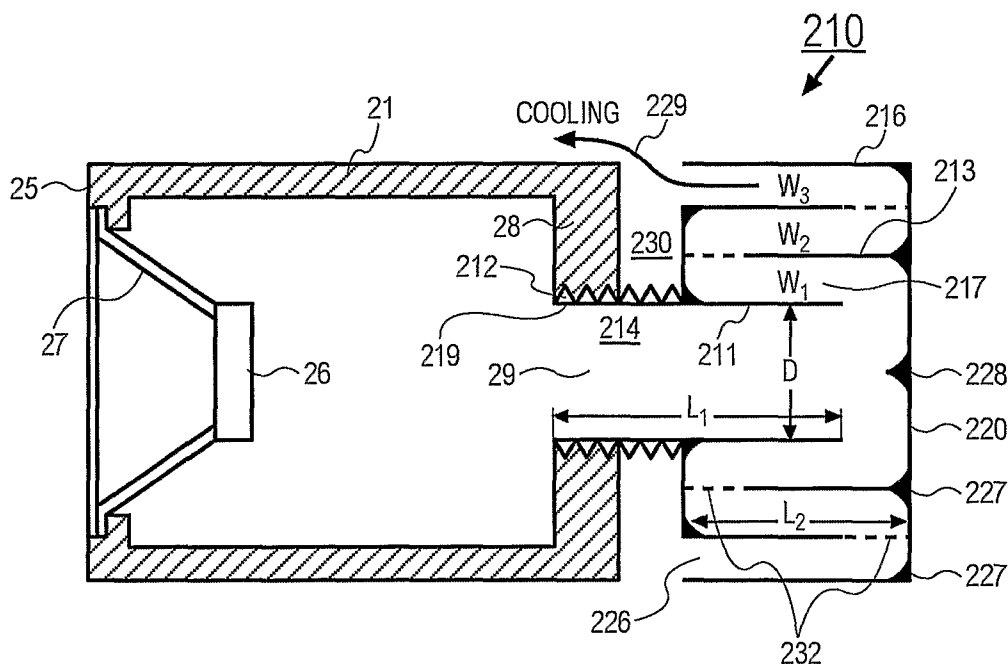
(74) Agent: **ALBAN TAY MAHTANI & DE SILVA**; 39
Robinson Road, #07-01 Robinson Point, Singapore
068911 (SG).

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

(84) Designated States (unless otherwise indicated, for every
kind of regional protection available): ARIPO (BW, GH,
GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM,
ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM),
European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI,
FR, GB, GR, HU, IE, IS, IT, LT, LU, MC, NL, PL, PT, RO,

[Continued on next page]

(54) Title: **SPEAKER WITH EXTERNALLY-MOUNTED ACOUSTIC EXTENSION**



(57) Abstract: A speaker comprises an enclosure with at least one wall; and an acoustic driver mounted in an interior of the enclosure and being attached to a front wall of the enclosure. An acoustic extension is mounted to the enclosure and is external of the enclosure. The acoustic extension is operatively connected to the interior of the enclosure; and comprises one of: a bass reflex port, a passive radiator, and a concentric loading.

WO 2005/072005 A1



SE, SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

Published:

— with international search report

Declaration under Rule 4.17:

— of inventorship (Rule 4.17(iv)) for US only

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.