



(51) International Patent Classification:

H04R 5/00 (2006.01) *G06F 3/048* (2013.01)
H04S 1/00 (2006.01)

(21) International Application Number:

PCT/SG2012/000439

(22) International Filing Date:

22 November 2012 (22.11.2012)

(25) Filing Language:

English

(26) Publication Language:

English

(71) Applicant: **RAZER (ASIA-PACIFIC) PTE. LTD.**
[SG/SG]; 514 Chai Chee Lane, #07-05, Singapore 469029
(SG).

(72) Inventor: **TAN, Min-Liang**; c/o Razer (Asia-Pacific) Pte.
Ltd., 514 Chai Chee Lane, #07-05, Singapore 469029
(SG).

(74) Agent: **VIERING, JENTSCHURA & PARTNER LLP**;
P.O. Box 1088, Rochor Post Office, Rochor Road, Singa-
pore 911833 (SG).

(81) Designated States (*unless otherwise indicated, for every
kind of national protection available*): AE, AG, AL, AM,

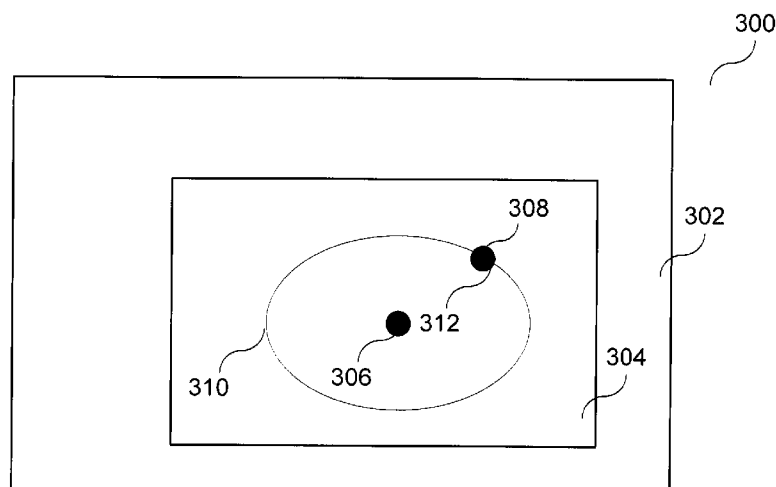
AO, AT, AU, AZ, BA, BB, BG, BH, BN, BR, BW, BY,
BZ, CA, CH, CL, CN, CO, CR, CU, CZ, DE, DK, DM,
DO, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, GT,
HN, HR, HU, ID, IL, IN, IS, JP, KE, KG, KM, KN, KP,
KR, KZ, LA, LC, LK, LR, LS, LT, LU, LY, MA, MD,
ME, MG, MK, MN, MW, MX, MY, MZ, NA, NG, NI,
NO, NZ, OM, PA, 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, 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).

Published:

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

(54) Title: METHOD FOR OUTPUTTING A MODIFIED AUDIO SIGNAL AND GRAPHICAL USER INTERFACES PRO-
DUCED BY AN APPLICATION PROGRAM



(57) Abstract: According to various embodiments, a method for outputting a modified audio signal may be provided. The method may include: receiving from a user an input indicating an angle; determining a parameter for a head-related transfer function based on the received input indicating the angle; modifying an audio signal in accordance with the head-related transfer function based on the determined parameter; and outputting the modified audio signal.