



(43) International Publication Date  
20 February 2014 (20.02.2014)

(51) International Patent Classification:

H04R 1/10 (2006.01) H04R 1/24 (2006.01)  
H04R 7/00 (2006.01)

(21) International Application Number:

PCT/US2013/054914

(22) International Filing Date:

14 August 2013 (14.08.2013)

(25) Filing Language:

English

(26) Publication Language:

English

(30) Priority Data:

61/683,614 15 August 2012 (15.08.2012) US  
13/966,502 14 August 2013 (14.08.2013) US

(72) Inventor; and

(71) Applicant : HARVEY, Jerry [US/US]; Unit 143, 1321  
Apopka Airport Dr, Apopka, Florida 32712 (US).

(74) Agent: VISNIUS, Douglas; 18024 Falcon Green Ct., Or-  
lando, Florida 32820 (US).

(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, 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, SA,  
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,  
KM, ML, MR, NE, SN, TD, TG).

Published:

- 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))

(54) Title: PHASE CORRECTING CANALPHONE SYSTEM AND METHOD

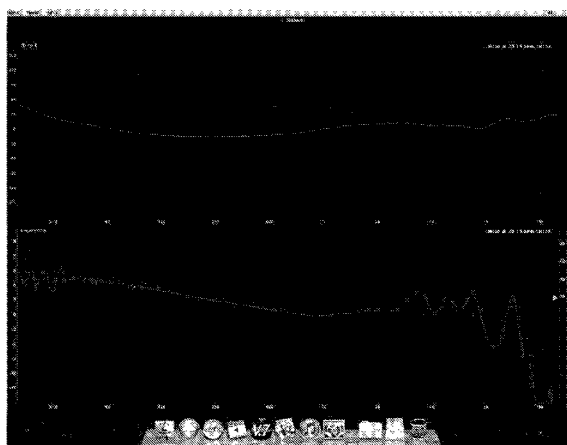


FIG. 7

(57) Abstract: A canalphone system may include a high audio driver carried by a canalphone housing, and a low audio driver car-  
ried by the canalphone housing adjacent to the high audio driver. The system may also include an acoustical-timer to phase correct a  
high audio signal from the high audio driver directed to the outside of the canalphone housing with delivery of a low audio signal  
from the low audio driver directed to the outside of the canalphone housing.