

(19) World Intellectual Property Organization
International Bureau



(43) International Publication Date
22 April 2004 (22.04.2004)

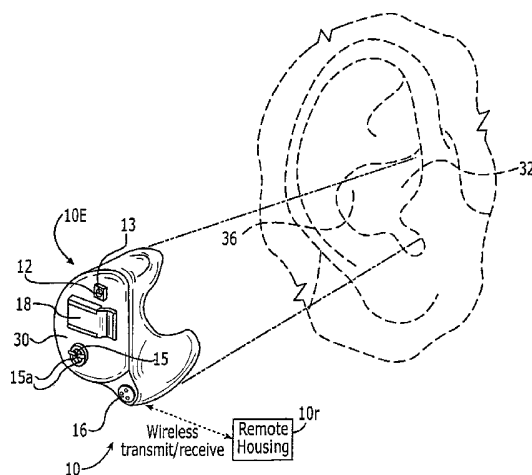
PCT

(10) International Publication Number
WO 2004/032816 A3

- (51) International Patent Classification⁷: A61F 5/58, G10L 9/00
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- (21) International Application Number: PCT/US2003/030834
- (81) Designated States (national): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, 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, 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.
- (22) International Filing Date: 30 September 2003 (30.09.2003)
- (25) Filing Language: English
- (26) Publication Language: English
- (30) Priority Data: 60/417,345 9 October 2002 (09.10.2002) US
- (84) Designated States (regional): ARIPO patent (GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).
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- Published: — with international search report
- (88) Date of publication of the international search report: 25 November 2004

[Continued on next page]

(54) Title: FREQUENCY ALTERED FEEDBACK FOR TREATING NON-STUTTERING PATHOLOGIES



(57) Abstract: A device (10) and method for treating subjects having non-stuttering pathologies or disorders using frequency altered feedback including positioning a ear-supported device (10E) for receiving auditory signals associated with a subject's speech in close proximity to at least one ear of an individual, the device (10) being adapted to be in communication with at least one of the ear canals of the individual, receiving at the device (10) an audio signal associated with the subject's speech; generating from the device (10) a frequency altered auditory feedback signal having an associated frequency shift between about +/- 2 octaves relative to the received audio signal; and transmitting the frequency altered auditory feedback signal to at least one ear canal of the subject.

WO 2004/032816 A3



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.

INTERNATIONAL SEARCH REPORT

International application No.

PCT/US03/30834

A. CLASSIFICATION OF SUBJECT MATTER

IPC(7) : A61 F 5/58; G10L 9/00
 US CL : 600/23

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)
 U.S. : 600/23, 24, 27, 28; 128/846,864-868; 381/43; 395/2.79,2.8; 434/185,186; 704/271,275,219

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

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

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 5,794,203 A (KEHOE) 11 August 1998 (11.08.1998), See entire document.	1, 2, 5-23, 47-68
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Y		3,4, 24-44, 47-68
A	US 5,940,798 A (HOUDE) 17 August 1999 (17.08.1999), See entire document.	1-68
A	US 5,765,134 A (KEHOE) 09 June 1998 (09.06.1998), See entire document.	1-68
Y	US 5,961,443 A (RASTATTER ET AL) 05 October 1999 (05.10.1999), See entire document.	3, 4, 24-44, 47-68

Further documents are listed in the continuation of Box C.

See patent family annex.

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"P" document published prior to the international filing date but later than the priority date claimed	

Date of the actual completion of the international search

23 August 2004 (23.08.2004)

Date of mailing of the international search report

08 SEP 2004

Name and mailing address of the ISA/US

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