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[Continued on next page]

(54) Title: METHODS AND SYSTEMS FOR THE TREATMENT OF ANXIETY DISORDERS AND DISORDERS WITH PSYCHOTIC FEATURES

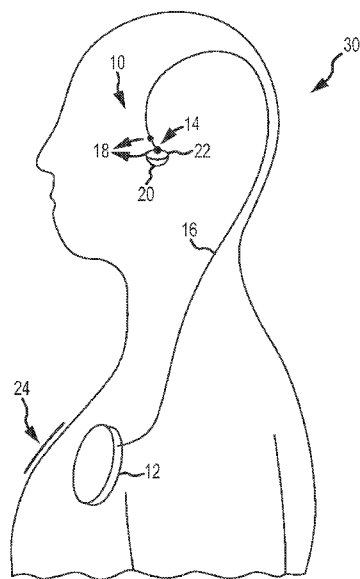


FIG.2

(57) Abstract: Methods and systems for treating anxiety disorders and disorders with psychotic features include implanting at least one electrode in the patient so as to contact a predetermined region of the brain, coupling the at least one electrode to a signal generating source and transmitting an electrical signal from the source to the predetermined region of the brain through the at least one electrode. In one aspect, the predetermined region of the brain is the amygdala, and more specifically, the basolateral nucleus.



WO 2011/069003 A3



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).

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- as to the applicant's entitlement to claim the priority of the earlier application (Rule 4.17(iii))

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27 October 2011

INTERNATIONAL SEARCH REPORT

International application No.
PCT/US2010/058780**A. CLASSIFICATION OF SUBJECT MATTER***A61N 1/05(2006.01)i, A61N 1/36(2006.01)i, A61M 21/02(2006.01)i*

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)

A61N 1/05; A61N 1/18; A61N 1/36; A61N 1/00; A61N 1/10

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

Korean utility models and applications for utility models

Japanese utility models and applications for utility models

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

eKOMPASS(KIPO internal) & Keywords: anxiety disorder, brain, amygdala, stimulation.

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 6,263,237 B1 (RISE) 17 July 2001 See the abstract; figures 1-7 and 10-21; and col.1, lines 25-45, col.3, lines 19-53, col.4, lines 38-43, col.5, lines 57-64,	17-18, 20
Y	col.8, lines 12-14, and col.9, lines 14-16.	19
X	US 2002-0013612 A1 (WHITEHURST) 31 January 2002 See the abstract; figures 4D and 5; and paragraphs [0032], [0046],	17-18, 20
Y	[0062-0068], [0075-0084], and [0108-0110].	19
Y	US 2005-0027284 A1 (LOZANO et al.) 03 February 2005 See the abstract; figures 1-4; and paragraphs [0011-0013], [0015],	19
	[0034], [0041], [0081], and [0095-0096].	
Y	US 2008-0125829 A1 (VELASCO et al.) 29 May 2008 See the abstract; figures 1-5; and paragraphs [0013], [0015],	19
	[0041], [0046], [0074], and [0083].	

 Further documents are listed in the continuation of Box C. See patent family annex.

* Special categories of cited documents:

"A" document defining the general state of the art which is not considered to be of particular relevance

"E" earlier application or patent but published on or after the international filing date

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"O" document referring to an oral disclosure, use, exhibition or other means

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

"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

"X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

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"&" document member of the same patent family

Date of the actual completion of the international search

29 AUGUST 2011 (29.08.2011)

Date of mailing of the international search report

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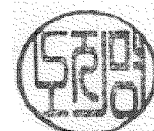
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INTERNATIONAL SEARCH REPORT

International application No.

PCT/US2010/058780**Box No. II Observations where certain claims were found unsearchable (Continuation of item 2 of first sheet)**

This international search report has not been established in respect of certain claims under Article 17(2)(a) for the following reasons:

1. Claims Nos.: 1-16
because they relate to subject matter not required to be searched by this Authority, namely:
Claims 1-16 pertain to methods for treatment of the human body by therapy or surgery and thus relate to a subject matter which this International Searching Authority is not required, under Article 17(2)(a)(i) of the PCT and Rule 39.1(iv) of the Regulations under the PCT, to search.
2. Claims Nos.:
because they relate to parts of the international application that do not comply with the prescribed requirements to such an extent that no meaningful international search can be carried out, specifically:
3. Claims Nos.:
because they are dependent claims and are not drafted in accordance with the second and third sentences of Rule 6.4(a).

Box No. III Observations where unity of invention is lacking (Continuation of item 3 of first sheet)

This International Searching Authority found multiple inventions in this international application, as follows:

1. As all required additional search fees were timely paid by the applicant, this international search report covers all searchable claims.
2. As all searchable claims could be searched without effort justifying an additional fee, this Authority did not invite payment of any additional fee.
3. As only some of the required additional search fees were timely paid by the applicant, this international search report covers only those claims for which fees were paid, specifically claims Nos.:
4. No required additional search fees were timely paid by the applicant. Consequently, this international search report is restricted to the invention first mentioned in the claims; it is covered by claims Nos.:

Remark on Protest

- The additional search fees were accompanied by the applicant's protest and, where applicable, the payment of a protest fee.
- The additional search fees were accompanied by the applicant's protest but the applicable protest fee was not paid within the time limit specified in the invitation.
- No protest accompanied the payment of additional search fees.

INTERNATIONAL SEARCH REPORT

International application No.

PCT/US2010/058780

C (Continuation). DOCUMENTS CONSIDERED TO BE RELEVANT		
Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	WO 2006-014896 A1 (ADVANCED NEUROMODULATION SYSTEMS, INC.) 09 February 2006 See the abstract; figures 1A-3B; and paragraphs [0008-0014], [0041], and [0071-0072].	19
A	US 6,418,344 B1 (REZAI et al.) 09 July 2002 See the abstract; figures 2-5; and col.4, lines 25-38, col.8, lines 38-40, and col.9, lines 11-13.	17-20
A	US 7,616,998 B2 (NUTTIN et al.) 10 November 2009 See the abstract; figures 1A-1B and 3; and col.3, lines 36-48 and col.5, lines 17-32.	17-20

INTERNATIONAL SEARCH REPORT

Information on patent family members

International application No.

PCT/US2010/058780

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