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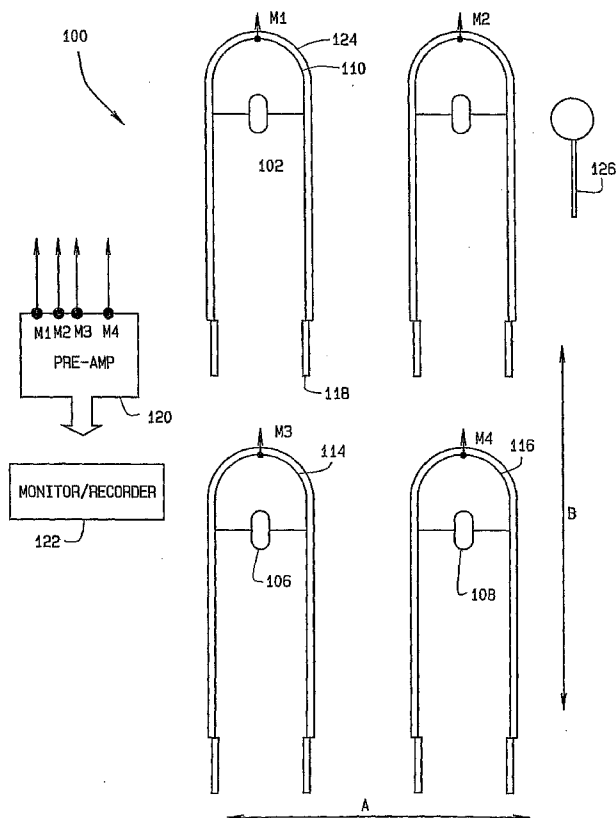
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[Continued on next page]

(54) Title: METHOD AND APPARATUS FOR AMBIENT SOUND THERAPY USER INTERFACE AND CONTROL SYSTEM

(57) Abstract: Method and apparatus comprising a
method of recording natural sounds with a matched
microphone array, recording the signal on a high
resolution recording device including creating an audio
bed, and playing back the recording on a tuned playback
system. The method and apparatus is used to create or
duplicate an ambient sound space for ambient therapy.



WO 2006/076690 A3



— *before the expiration of the time limit for amending the claims and to be republished in the event of receipt of amendments*

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.

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INTERNATIONAL SEARCH REPORT

International application No.

PCT/US06/01443

A. CLASSIFICATION OF SUBJECT MATTER
 IPC: **H04R 3/00(2006.01),5/00(2006.01),29/00(2006.01);H03G 3/20(2006.01);H04B 3/00(2006.01);G09F 27/00(2006.01)**

 USPC: 381/17,56,57,80,92,124
 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. : 381/17,56,57,80,92,124

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)

C. DOCUMENTS CONSIDERED TO BE RELEVANT

| Category * | Citation of document, with indication, where appropriate, of the relevant passages | Relevant to claim No. |
|---------------|--|--|
| X --- Y | US RE38,350 E (Godfery) 16 December 2003 (16.12.2003) | 1-2,9-11,13-14,16 ----- 3-8, 12, 15, 17-29 |
| Y | US 5,239,587 (Muckelrath) 24 August 1993 (24.08.1993) | 6-717,21-29 |
| Y | US 6,484,062 B1 (Kim) 19 November 19 2002 (19.11.2002) | 17, 21-29 |
| Y | US 2003/0185404 A1 (Milsap) 2 October 2003 (02.10.2003) Paragraph [0055] | 15, 28 |
| Y | US 4,038,499 (Yeaple) 26 July 1977 (26.07.1977) figure 8 | 12, 24 |
| Y | US 3,651,286 (Gorike et al.) 21 March 1972 (21.03.1972) | 3-4, 18-19 |

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

| * Special categories of cited documents: | "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 |
|---|-----|--|
| "A" document defining the general state of the art which is not considered to be of particular relevance | "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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| "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 | | |

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| Name and mailing address of the ISA/US Mail Stop PCT, Attn: ISA/US Commissioner for Patents P.O. Box 1450 Alexandria, Virginia 22313-1450 Facsimile No. (571) 273-3201 | Authorized officer Douglas Suthers <i>Kerai</i> Telephone No. (571)272-5582 |

INTERNATIONAL SEARCH REPORT

International application No.
PCT/US06/01443

C. (Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

| Category * | Citation of document, with indication, where appropriate, of the relevant passages | Relevant to claim No. |
|------------|--|-----------------------|
| Y | US 4,480,146 (Invernizzi) 30 October 1984 (30.10.1984) | 5,20 |

INTERNATIONAL SEARCH REPORT

International application No.

PCT/US06/01443

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.:
because they relate to subject matter not required to be searched by this Authority, namely:

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:
Please See Continuation Sheet

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 additional fees, this Authority did not invite payment of any additional fees.
 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/US06/01443

BOX III. OBSERVATIONS WHERE UNITY OF INVENTION IS LACKING

This application contains the following inventions or groups of inventions which are not so linked as to form a single general inventive concept under PCT Rule 13.1. In order for all inventions to be examined, the appropriate additional examination fees must be paid.

Group I, claim(s) 1-8, and 17-29, drawn to an ambient therapy recording and playback system.

Group II, claim(s) 9-16, drawn to an ambient therapy playback system comprising a computer system and interface.

The inventions listed as Groups I-II do not relate to a single general inventive concept under PCT Rule 13.1 because, under PCT Rule 13.2, they lack the same or corresponding special technical features for the following reasons: The special technical features regarding recording found in Group I is not found in Group II. The special technical features regarding computer system control and user interface found in Group II are not found in Group I. Therefore unity of invention is lacking.