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(71) Applicant: **RESISTANCE TECHNOLOGY, INC.**
Arden Hills, MA 55112 (US)

(72) Inventors:
• **Bybee, Thomas D.**
Ramsey, MN 55303 (US)
• **Darbut, Alexander L.**
Fdina, MN 55436 (US)
• **Gorder, Mark S.**
North Oaks, MN 55127 (US)

(74) Representative: **Becker Kurig Straus**
Patentanwälte
Bavariastrasse 7
80336 München (DE)

(54) **Hearing aid system**

(57) A hearing aid system includes an earpiece for producing sound representative of a listening environment. A module worn by the hearing aid user is in wireless communication with the earpiece. A plurality of microphones are located in the module to receive incoming sound signals from the listening environment. Processing circuitry in the module analyzes the incoming sound signals received by the plurality of microphones and generates control signals to govern the production of sound by the earpiece.

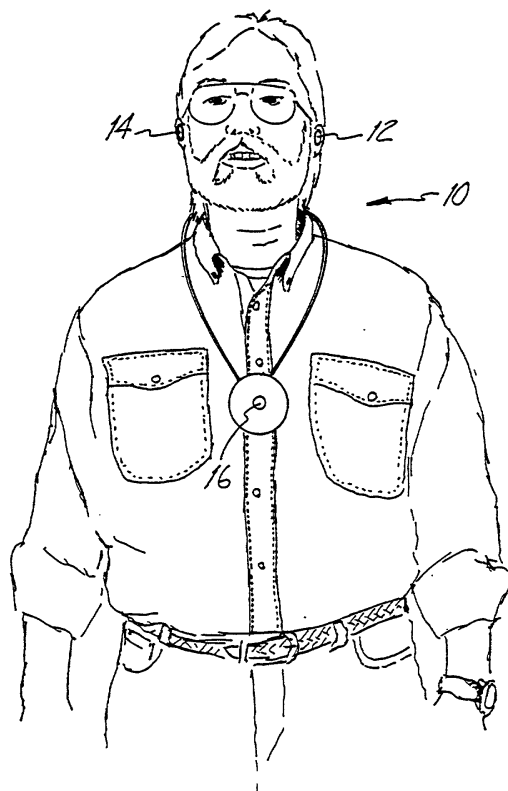


Fig. 1

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EUROPEAN SEARCH REPORT

Application Number
EP 99 12 5134

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Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (IPC)
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Y	* column 2, line 66 - column 3, line 13 * * claim 1; figures 1,2,9,11 *	2-6, 9-14,17, 18	
Y	----- US 5 479 522 A (LINDEMANN ET AL) 26 December 1995 (1995-12-26) * column 3, line 51 - column 4, line 30; figure 1a *	2-6, 9-14,17	
Y	----- US 5 524 056 A (KILLION ET AL) 4 June 1996 (1996-06-04) * abstract *	3,5,11, 13	
Y	----- US 5 680 466 A (ZELIKOVITZ ET AL) 21 October 1997 (1997-10-21) * claim 1 *	4,12	TECHNICAL FIELDS SEARCHED (IPC)
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The present search report has been drawn up for all claims			
Place of search The Hague		Date of completion of the search 6 April 2006	Examiner Wanzeele, R
CATEGORY OF CITED DOCUMENTS X : particularly relevant if taken alone Y : particularly relevant if combined with another document of the same category A : technological background O : non-written disclosure P : intermediate document T : theory or principle underlying the invention E : earlier patent document, but published on, or after the filing date D : document cited in the application L : document cited for other reasons & : member of the same patent family, corresponding document			

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EPO FORM 1503 03.82 (P04C01)

**ANNEX TO THE EUROPEAN SEARCH REPORT
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