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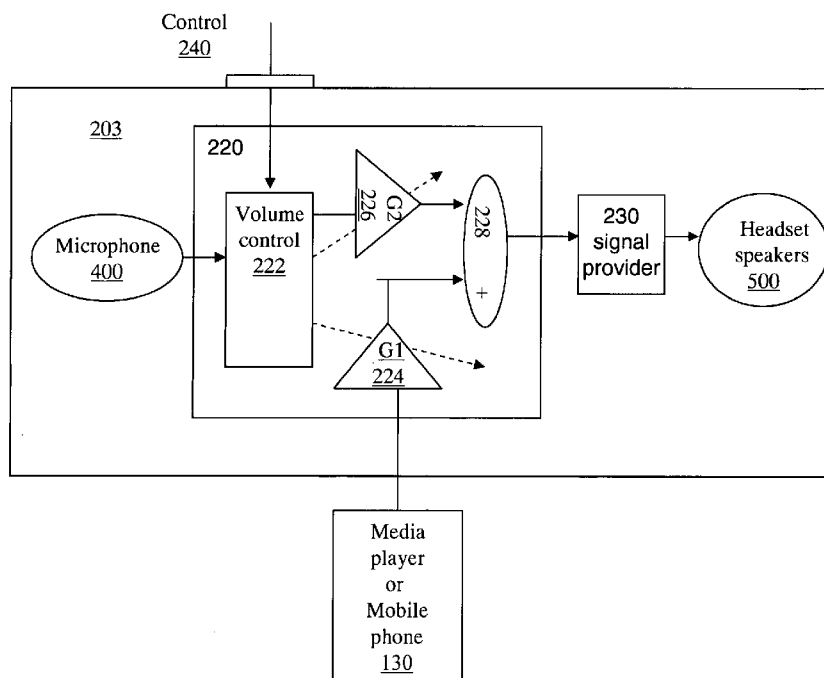
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- (71) Applicant (for all designated States except US): **BONE TONE COMMUNICATIONS LTD** [GB/GB]; Wickhams Cay, P.O. Box 662, Road Town, Tortola (VG).
- (72) Inventors; and
- (75) Inventors/Applicants (for US only): **HEIMAN, Arie** [IL/IL]; 45 Yehuda Halevi st., 43555 Ra'anana (IL). **YEHU-DAY, Uri** [IL/IL]; 28/39 Eli Cohen St., 59642 Bat Yam (IL).
- (74) Agent: **RECHES, Oren**; 11 Hamenofim St., Pob 2148, 46120 Herzelia (IL).
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[Continued on next page]

(54) Title: A SYSTEM AND A METHOD FOR PROVIDING SOUND SIGNALS



(57) **Abstract:** A sound system, the sound system including: (i) a processor, configured to: (a) receive a requested sound signal and an ambient sound input signal; and (b) generate a modified requested signal by processing, in response to a desired level of ambient sound that is defined by a user, the requested sound signal and the ambient sound input signal, wherein an inclusion level of the ambient sound input signal in the modified requested signal is responsive to the desired level of ambient sound; and (ii) a signal provider configured to provide the modified requested signal to multiple speakers of a headset.

FIG. 4

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A. CLASSIFICATION OF SUBJECT MATTER
 IPC(8) - H03G 3/00 (2010.01)
 USPC - 381/107
 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)
 USPC: 381/107

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched
 USPC: 381/72; 381/71.1 (see terms below)

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)
 PubWEST(PGPB,USPT,USOC,EPAB,JPAB), GOOGLE SCHOLAR
 terms: headset, ambient, external, audio, audible, sound, headphone, siren, alarm, acoustic, pattern, processor, inclusion, level, warning, alert, occluded, microphone.

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 2008/0240458 A1 (Goldstein et al.) 02 October 2008 (02.10.2008), fig. 1-3, 8, para [0025]-[0036], [0072]-[0074].	1-4, 13-16
A	US 2008/0267416 A1 (Goldstein et al.) 30 October 2008 (30.10.2008), entire document.	1-4, 13-16
A	US 2008/0181419 A1 (Goldstein et al.) 31 July 2008 (31.07.2008), entire document.	1-4, 13-16
A	US 2001/0046304 A1 (Rast) 29 November 2001 (29.11.2001), entire document.	1-4, 13-16

Further documents are listed in the continuation of Box C.

* Special categories of cited documents:	
"A" document defining the general state of the art which is not considered to be of particular relevance	"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
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"O" document referring to an oral disclosure, use, exhibition or other means	"&" document member of the same patent family
"P" document published prior to the international filing date but later than the priority date claimed	

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