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(71) Applicant (for all designated States except US): **BODY-MEDIA, INC.** [US/US]; 4 Smithfield Street, Suite 1200, Pittsburgh, PA 15222 (US).

(72) Inventors: **PACIONE, Christopher**; 1217 Filson Street, Pittsburgh, PA 15212 (US). **MENKE, Steve**; 659 Blue Spruce Drive, Mars, PA 16046 (US). **ANDRE, David**; 3565 Gerber Avenue, Pittsburgh, PA 15212 (US). **TELLER, Eric**; 5857 Douglas Street, Pittsburgh, PA

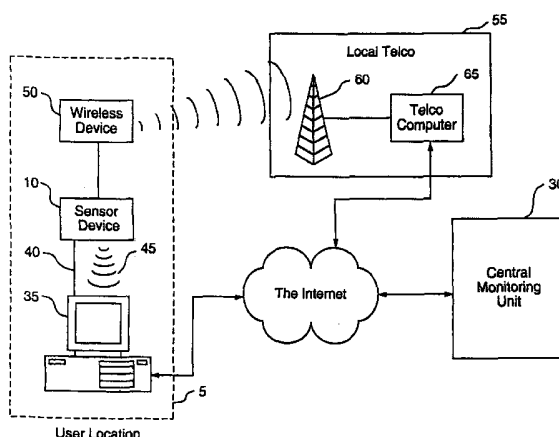
15217 (US). **SAFIER, Scott**; 507 Gettysburg Street, Pittsburgh, PA 15206 (US). **PELLETIER, Raymond**; 1617 El Paso Street, Pittsburgh, PA 15206 (US). **HANDEL, Mark**; 546 Pebblewood Court, Pittsburgh, PA 15237 (US). **FARRINGTON, Jonathan**; 5567 Hobart Street, 3rd Floor, Pittsburgh, PA 15217 (US). **HSIUNG, Eric**; 1523 Asbury Place, Pittsburgh, PA 15217 (US). **VISHNUBHATLA, Suresh**; 847 Hill Crest Circle, Wexford, PA 15090 (US). **HANLON, James**; 1297 Royal Park boulevard, Library, PA 15129 (US). **STIVORIC, John, M.**; 1411 Hawthorne Street, Pittsburgh, PA 15201 (US). **SPRUCE, Neal**; 5436 Indian Trail Court, Westlake Village, CA 91362 (US). **SHASSBERGER, Steve**; 5404 Katherine Street, Simi Valley, CA 93063 (US).

(74) Agents: **FRIEDMAN, Barry, I.** et al.; Metz Lewis LCC, 11 Stanwix Street, 18th Floor, Pittsburgh, PA 15222 (US).

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[Continued on next page]

(54) Title: SYSTEM FOR MONITORING AND MANAGING BODY WEIGHT AND OTHER PHYSIOLOGICAL CONDITIONS INCLUDING ITERATIVE AND PERSONALIZED PLANNING, INTERVENTION AND REPORTING CAPABILITY



(57) Abstract: A nutrition and activity management system is disclosed that monitors energy expenditure of an individual through the use of a body-mounted sensing apparatus (10). The apparatus is particularly adapted for continuous wear. The system is also adaptable or applicable to measuring a number of other physiological parameters and reporting the same and derivations of such parameters. A weight management embodiment is directed to achieving an optimum or pre-selected energy balance between calories consumed and energy expended by the user. An adaptable computerized nutritional tracking system is utilized to obtain data regarding food consumed. Relevant and predictive feedback is provided to the user regarding the mutual effect of the user's energy expenditure, food consumption and other measured or derived or manually input physiological contextual parameters upon progress toward said goal.

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— as to the applicant's entitlement to claim the priority of the earlier application (Rule 4.17(iii)) for all designations

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# INTERNATIONAL SEARCH REPORT

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**A. CLASSIFICATION OF SUBJECT MATTER**

IPC(7) : A61B 5/00  
 US CL : 600/300

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. : 600/300-301; 128/903-905, 920-921; 434/127; 708/131-133; 235/385; 705/2-4

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched  
 NONE

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)  
 NONE

**C. DOCUMENTS CONSIDERED TO BE RELEVANT**

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 6,478,736 B1 (Mault) 12 November 2002 (12.11.2002), see entire document	1-278
A	US 6,513,532 B2 (Mault et al.) 04 February 2003 (04.02.2003), see entire document	1-278
A, E	US 6,790,178 B1 (Mault et al.) 14 September 2004 (14.09.2004), see entire document	1-278

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. (703) 305-3230

Authorized officer

Michael Astorino

Telephone No. (703) 306-5648

