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(54) **Title:** ADJUSTABLE WEARABLE SYSTEM HAVING A MODULAR SENSOR PLATFORM

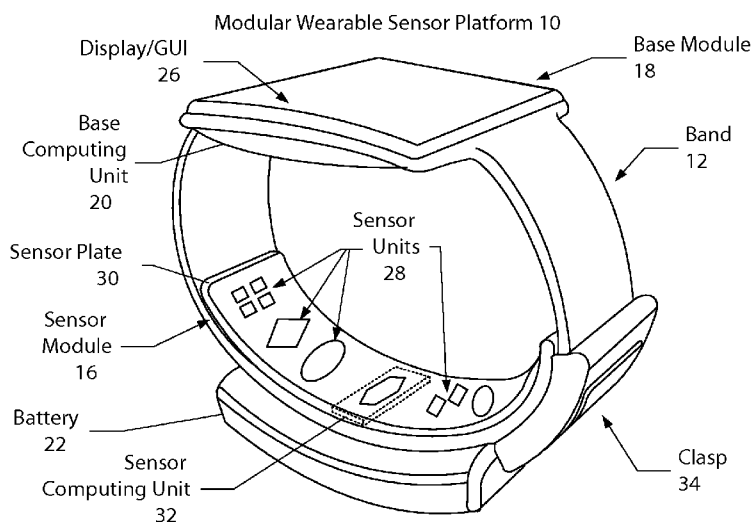


FIG. 1

(57) **Abstract:** A wearable system and methods for measuring physiological data from a device worn about a body part of a user is provided comprising a base module and sensor module. The base module comprises a display and a base computing unit. The sensor module is spatially positioned relative to the base module and over a portion of the body part for measuring one or more physiological characteristics. The base module is adjustably positioned by the user relative to the sensor module such that the sensor module maintains its positioning over the body part for sufficient contact with the body part for accurate measurements of physiological data regardless of the anthropometric size of the body part.



A. CLASSIFICATION OF SUBJECT MATTER**G04G 21/02(2010.01)i, A61B 5/00(2006.01)i**

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHEDMinimum documentation searched (classification system followed by classification symbols)
G04G 21/02; A61B 5/02; A61B 5/0404; H05K 5/00; A61B 5/0402; A61B 5/00Documentation 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 modelsElectronic data base consulted during the international search (name of data base and, where practicable, search terms used)
eKOMPASS(KIPO internal) & keywords: wearable device, physiological data, adjustable sensor module, relocating adjustable sensor, replaceable, removable**C. DOCUMENTS CONSIDERED TO BE RELEVANT**

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	WO 90-00366 A1 (MCCARTHY, JOHN, PATRICK) 25 January 1990 See page 2, lines 5-6, 27-33, page 3, lines 1-3, page 4, line 19 - page 5, line 5, page 7, lines 21-22, page 8, lines 6, 24-25, claims 1, 4, 13, and figures 1-3.	1-96
Y	US 2010-0076331 A1 (HSIAO-LUNG CHAN et al.) 25 March 2010 See paragraphs [0008], [0017]-[0023], claim 1, and figures 1A-4A.	1-96
Y	US 2007-0279852 A1 (SIMON R. DANIEL et al.) 06 December 2007 See paragraph [0066], claim 13, and figure 10a	4-6, 13, 23, 46-48, 55 , 65
A	US 2009-0048526 A1 (RONALDUS MARIA AARTS et al.) 19 February 2009 See claims 1-15, and figures 1-4, 8.	1-96
A	US 2008-0294058 A1 (SHKLARSKI DROR) 27 November 2008 See paragraphs [0027]-[0029], claims 20-24, and figures 2A-2C.	1-96

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

* Special categories of cited documents:

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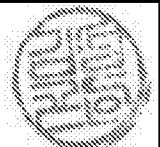
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Information on patent family members

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Patent document cited in search report	Publication date	Patent family member(s)	Publication date
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