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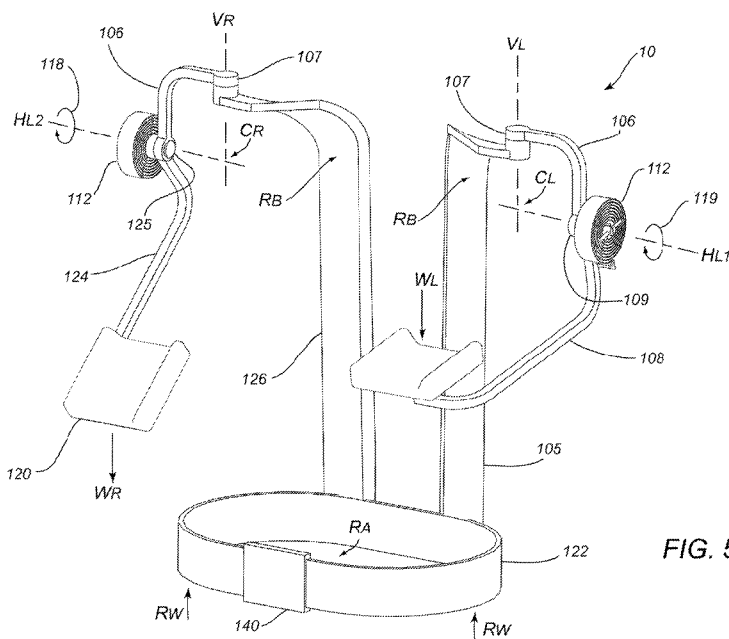


FIG. 5A

(57) Abstract: A system is provided for supporting an arm of a user that includes a harness configured to be worn by the user, and an arm support coupled to the harness and including an arm rest to support an arm of the user. The arm support is configured to accommodate and follow movement of the arm without substantially interfering in such movement. The arm support may at least partially offset a gravitational force acting on the arm as the user moves and the arm support follows the movement of the user's arm. For example, the arm support may transfer at least a portion of the weight of the user's arm to the torso or other region of the user's body and/or may apply an opposing force to at least partially offset the gravitational force acting on the arm.

**A. CLASSIFICATION OF SUBJECT MATTER***A61F 5/00(2006.01)i, A61F 5/01(2006.01)i, A61F 5/40(2006.01)i, A61H 1/00(2006.01)i*

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)

A61F 5/00; A61F 5/01; A61B 17/00; A61H 1/02

Documentation 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 models

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

eKOMPASS(KIPO internal) &amp; Keywords:arm, support, harness, pivot, gravitational, force

**C. DOCUMENTS CONSIDERED TO BE RELEVANT**

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X Y	JP10071161 A (YANAGISAWA TAMOTSU) 17 March 1998 See abstract, paragraphs [0007], [0011]-[0023], claims 1-6 and figures 1-4.	1-3, 8-9, 18, 21 , 23-25, 27-28, 33-38 30
X Y	US 2006-0271043 A1 (LUPE GONZALEZ) 30 November 2006 See abstract, paragraphs [0002], [0037]-[0038], [0040]-[0046], claims 1-20 and figures 1-6.	1-3, 10, 33, 39-42 , 44-46 30
X Y	US 04651719A A (FUNK; DANIEL A. et al.) 24 March 1987 See abstract, column 4, line 3-column 5, line 64, column 7, line 22-column 8, line 48, claims 1-19 and figures 1-8.	1-3, 10, 12-16, 33 , 39-48 30
A	WO 88-03013 A1 (REGENTS OF THE UNIVERSITY OF MINNESOTA) 05 May 1988 See the whole document	1-48

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

\* Special categories of cited documents:

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"&amp;" document member of the same patent family

Date of the actual completion of the international search

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**INTERNATIONAL SEARCH REPORT**

Information on patent family members

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**PCT/US2012/021770**

Patent document cited in search report	Publication date	Patent family member(s)	Publication date
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US 2006-0271043 A1	30.11.2006	None	
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