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<p>(21) International Application Number: PCT/US94/06249</p> <p>(22) International Filing Date: 7 June 1994 (07.06.94)</p> <p>(30) Priority Data: 08/073,945 8 June 1993 (08.06.93) US 08/231,067 22 April 1994 (22.04.94) US</p> <p>(71)(72) Applicants and Inventors: DAVIES, D., Robert, III [US/US]; 10250 Dakins Drive, Richmond, VA 23236 (US). DISE, David [US/US]; 8532 Waxford Road, Richmond, VA 23235 (US).</p> <p>(74) Agent: WHITHAM, Michael, E.; Reston International Center, 11800 Sunrise Valley Drive, Suite 220, Reston, VA 22091 (US).</p>	<p>(81) Designated States: AU, CA, JP, KR, RU, European patent (AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE).</p> <p>Published <i>With international search report.</i></p> <p>(88) Date of publication of the international search report: 09 February 1995 (09.02.95)</p>	
(54) Title: STRETCH THERAPY APPARATUS		
(57) Abstract		
<p>A stretch therapy apparatus is disclosed which provides for enhanced physical fitness as well as rehabilitation and medical treatment. The stretch therapy apparatus includes both a leg stretching component (12, 14) and an arm and back stretching component (42). The leg stretching component (12, 14) allows the user to easily and safely separate his legs by 180 degrees or more using crank or motorized mechanisms. Sliding leg deck construction reduces the pressure on the user's knees during leg stretching exercises. The arm and back stretching component (42) allows the user to maintain his arms and back muscles in a fully extended position without applying undue force during stretching. The arm and back stretching component (42) includes a platform (10) on which the user is seated and a stretching pole (42) which can be selectively oriented in three-dimensional space relative to the user's waist.</p>		

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INTERNATIONAL SEARCH REPORT

International application No.
PCT/US94/06249

A. CLASSIFICATION OF SUBJECT MATTER

IPC(5) :A63B 21/00
US CL :482/131,907; 601/33

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. : 482/131,133-137, 139, 142, 148, 907, 908; 601/23, 24,33-35; 606/243

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)
APS

Search terms: chair, pole, lock, pivot, adjustable, footrest

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X --- Y	US, A, 5,211,617, (MILLEN), 18 May 1993. See Figs. 10-13.	22, 23, 26 ----- 28
X --- Y	US, A, 4,928,957, (LANIER ET AL.), 29 May 1990. See Figs. 1, 3, and 4.	29-31 ----- 33, 34, 36, 37
Y	US, A, 4,838,547, (STERLING), 13 June 1989. See Fig. 3.	34, 35
Y,E	US, A, 5,217,422, (DOMZALSKI), 08 June 1993. See Figs. 1 and 2.	38-40

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

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P document published prior to the international filing date but later than the priority date claimed		

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C (Continuation). DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y, P	US, A, 5,277,681, (HOLT), 11 January 1994. See Figs. 3 and 6.	42, 43
A	US, A, 4,603,856, (FIORE), 05 August 1986,	1-43
A	SU, A, 923-543, (AZERB XRAY RADIOLOG), 03 April 1982.	1-43
A	FR, A, 2 357 236, (FELDKIRCHNER, GEORGE ET AL.), 03 February 1978.	1-43