



(12)

EUROPEAN PATENT APPLICATION

(21) Application number: 84106742.4

(51) Int. Cl. 4: A 61 H 1/02

(22) Date of filing: 13.06.84

(30) Priority: 14.06.83 CA 430328

(71) Applicant: Lilles, Hillar T.
584 4th Street A West
Owen Sound Ontario N4K 6A7(CA)

(43) Date of publication of application:
16.01.85 Bulletin 85/3

(72) Inventor: Lilles, Hillar T.
584 4th Street A West
Owen Sound Ontario N4K 6A7(CA)

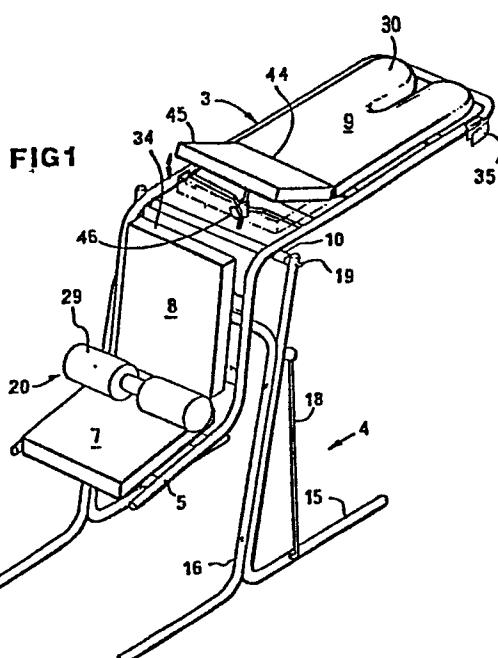
(88) Date of deferred publication of search report: 21.05.86

(74) Representative: Sajda, Wolf E., Dipl.-Phys. et al,
Patentanwälte Popp, Sajda, v. Bülow, Hrabal & Partner
Widenmayerstrasse 48 Postfach 86 06 24
D-8000 München 86(DE)

(84) Designated Contracting States:
BE DE FR GB IT SE

(54) Therapeutic device for body stretching.

(57) Disclosed is a therapeutic device (2) by the use of which a person may hang in an upside-down posture, with the spine straight, and in complete relaxation. The device (2) comprises a pivotable table (3) mounted on a frame (4) and having a knee platform (7) on which the person first kneels; a thigh platform (8) against which he next rests his thighs; and a torso platform (9) for supporting his chest and head as he leans forwards. Handles (18), mounted on the frame (4), are graspable by the person to pull himself forwardly downwardly by controlled tilting of the table (3) to a freely hanging, or any intermediate inverted, position. Relaxation while hanging is achieved by bending at the hips and by the provision of a behind-the-knee restraint (20), which comprises a pad (29) that fits in the crook of the bent knee. This restraint (20) allows the body weight to be taken entirely by the thighs without the thighs being pulled off the thigh platform (8) by the weight of the torso. The device is adjustable in various ways to suit the individual.





EP 84 10 6742

DOCUMENTS CONSIDERED TO BE RELEVANT															
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (Int. Cl.4)												
Y	US-A-2 623 518 (VAQUETTE) * Column 1, line 53 - column 2, line 25; column 3, lines 14-57; column 5, lines 1-5; figure 1 *	1-7, 9-14	A 61 H 1/02												
D, Y	US-A-4 292 962 (KRAUSE) * Column 1, lines 11-31; column 1, line 60 - column 2, line 9; column 3, lines 40-45; column 4, lines 5-51; figures 5, 6 *	1-7, 9-14													
X, P	GB-A-2 121 304 (STRETCH FORMING CORP.) (Publ. 21-12-1983) * Page 1, lines 83-103; page 2, line 117 - page 3, line 16; page 3, line 84 - page 4, line 24; figures 1, 4 *	1-6, 10-14													
A	DE-A-2 621 671 (HOBJ) * Page 5, line 5 - page 6, line 2; figure 4 *	1, 8	A 61 H												
<p>The present search report has been drawn up for all claims</p> <table border="1"> <tr> <td>Place of search THE HAGUE</td> <td>Date of completion of the search 11-02-1986</td> <td>Examiner SCHOENLEBEN J.E.F.</td> </tr> <tr> <td colspan="3">CATEGORY OF CITED DOCUMENTS</td> </tr> <tr> <td colspan="3"> X : particularly relevant if taken alone Y : particularly relevant if combined with another document of the same category A : technological background O : non-written disclosure P : intermediate document </td> </tr> <tr> <td colspan="3"> T : theory or principle underlying the invention E : earlier patent document, but published on, or after the filing date D : document cited in the application L : document cited for other reasons & : member of the same patent family, corresponding document </td> </tr> </table>				Place of search THE HAGUE	Date of completion of the search 11-02-1986	Examiner SCHOENLEBEN J.E.F.	CATEGORY OF CITED DOCUMENTS			X : particularly relevant if taken alone Y : particularly relevant if combined with another document of the same category A : technological background O : non-written disclosure P : intermediate document			T : theory or principle underlying the invention E : earlier patent document, but published on, or after the filing date D : document cited in the application L : document cited for other reasons & : member of the same patent family, corresponding document		
Place of search THE HAGUE	Date of completion of the search 11-02-1986	Examiner SCHOENLEBEN J.E.F.													
CATEGORY OF CITED DOCUMENTS															
X : particularly relevant if taken alone Y : particularly relevant if combined with another document of the same category A : technological background O : non-written disclosure P : intermediate document															
T : theory or principle underlying the invention E : earlier patent document, but published on, or after the filing date D : document cited in the application L : document cited for other reasons & : member of the same patent family, corresponding document															