

Search history

Search 1: office and chair and frame and (press pin) and spring and screw (Results 0)
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Search 4: 2 and 3 (Results 3)

1) Family number: 41518901 (US2009267394 AA)

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Title: MECHANISM FOR AN OFFICE CHAIR

Abstract: A mechanism for an office chair having a backrest support which may be pivoted rearwardly. Adjustment of the backrest pivotal motion is accomplished by the mechanism having a base support which may be positioned on a chair column, a seat support, the backrest support which may be pivoted to the rear, and a pre-tensioned spring arrangement for enabling the mechanism to counter or oppose the movement of the backrest support. The seat support and the base support form a movable unit, which may be moved relative to the chair column depending on the weight of a user applying a load to the seat support. Movement of the movable unit causes an adjustment of the pre-tension of the spring arrangement and/or an adjustment of the spring constant of the spring arrangement.

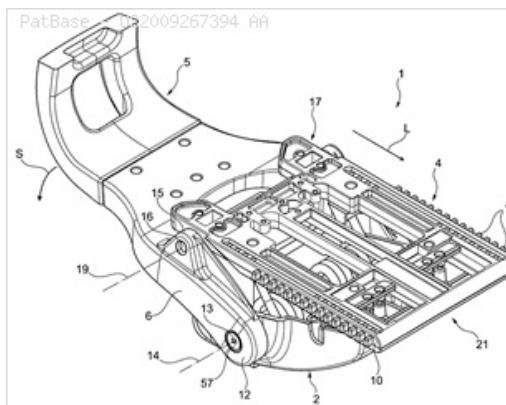
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A47C1/031 A47C1/032 A47C3/00 A47C3/02 A47C3/026

CPC: A47C1/03255 A47C1/03266 A47C1/03272 A47C1/03274
A47C1/03277 A47C31/126

US: 297/300.2 297/300.200P 297/300.4 297/300.5 297/301.1
297/301.100S 297/303.3 297/303.4 297/303.5



Family:

Publication number	Publication date	Application number	Application date
AT481015 E	20101015	AT20070818987T	20071012
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DE202007006762 U1	20080214	DE200720006762U	20070508
DE502007005084 D1	20101028	DE200750005084T	20071012
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US2009267394 AA	20091029	US20090422457	20090413
US8146990 BB	20120403	US20090422457	20090413
WO08043574 A1	20080417	WO2007EP08916	20071012

Priority:

DE200610049040 20061013 DE200620015892U 20061013 DE200710022015 20070508
DE200720006762U 20070508 WO2007EP08916 20071012

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Designated states: AE AG AL AM AT AU AZ BA BB BE BF BG BH BJ BR BW BY BZ CA CF CG CH CI CM CN CO CR CU CY
CZ DE DK DM DO DZ EC EE EG ES FI FR GA GB GD GE GH GM GN GQ GR GT GW HN HR HU ID IE IL IN
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TD TG TJ TM TN TR TT TZ UA UG US UZ VC VN ZA ZM ZW

2) Family number: 29971461 (US6435611 BA)

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Title: SPINE TENSIONING SUPPORT CHAIR

Abstract: A chair having two body supports which move in similar rotation and inverse elevation to one another to change from a chair configuration, where one support is higher than the other, to a spine tensioning apparatus, where the supports are near equal in elevation. Preferably body supports are spaced apart from one another such that the only interconnecting human link between the two supports, when in a near equal elevation configuration, is the human spine. The spine, in this

configuration is then subjected to similar forces as a simple beam supported by two separate forces, tension, compression, shear and moment. The spine is aided by and through tension and contraction and increased blood flow and afforded the ability for spinal muscle, nerve and soft tissue development and maintenance. The supports, independent of each other, comprise an upper body support and a lower body support and allow an individual's body to practice spine enhancement, development, and or traction, laying or any combination of, or alternately, face up, face down, or on either left or right side. The apparatus is also be applicable to retrofitting existing chairs.

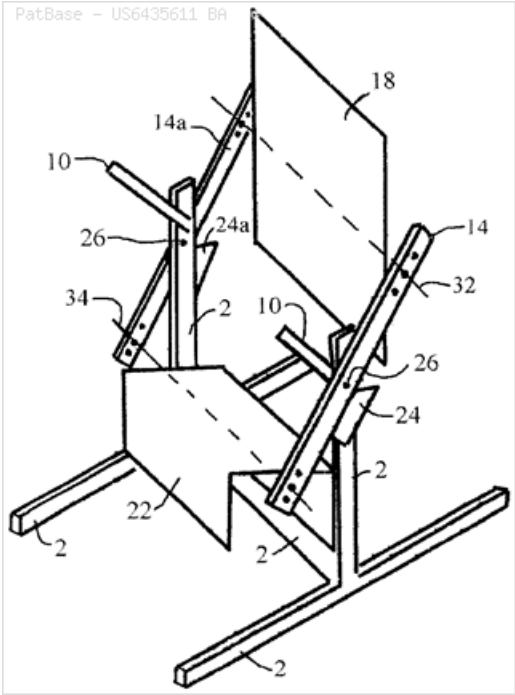
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International (IPC 1-7): A47C1/02

CPC: A47C9/002 A61H1/0222 A61H2203/0431 A61H2203/0456 A61H2203/0493 A61H37/005 B60N2/0292

US: 297/281 297/316 297/316P 297/326 482/142 482/96 601/24



Family:

Publication number	Publication date	Application number	Application date
US6435611 BA	20020820	US19970944945	19971002
US2003062750 AA	20030403	US20020224955	20020820
US2007290538 AA	20071220	US20070706628	20070216

Priority:

US19960027767P 19961004 US19970944945 19971002 US20020224955 20020820
US20070706628 20070216

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Inventor(s): BRIAN A WALTER ; WALTER BRIAN ; WALTER BRIAN ANTHONY

Agent(s): BRIAN A WALTER

3) Family number: 31379434 (US2004051358 AA)

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Title: CONTROL MECHANISM FOR SEATING UNIT

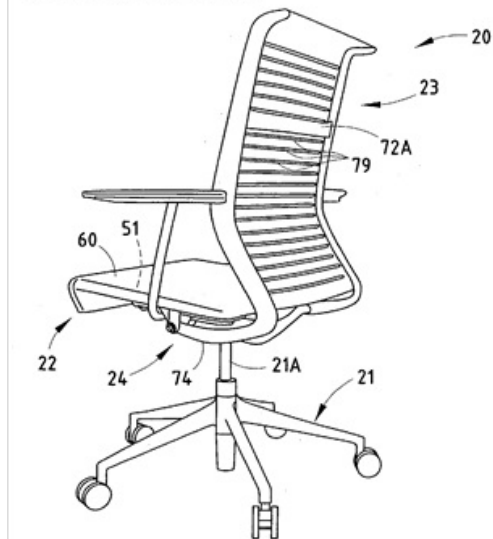
Abstract: A seating unit includes a base, a reclineable back, a seat, and a control operably supporting the back and the seat on the base for movement between upright and recline positions. The control includes a pair of flexible support members and a link that combine to operably support the seat and back for synchronous movement on the base upon recline. The flexible support member is stiff in a vertical direction for carrying a combined weight of the one component and of the seated user, but flexible in a horizontal direction to permit a swinging movement of its ends upon recline. The link is rigid and pivoted to the base for movement about a horizontal axis and also pivoted to the one component. By this arrangement, the flexible member and the link move the one component along a defined path during recline of the back.

Classifications:

International (IPC 8-9): A47C A47C1/00 A47C1/02 A47C1/022 A47C1/023 A47C1/024 A47C1/031 A47C1/032 A47C1/0355 A47C1/036 A47C1/038 A47C13/00 A47C3/00 A47C3/02 A47C3/025 A47C3/026 A47C31/04 A47C7/00 A47C7/02 A47C7/14 A47C7/22 A47C7/28 A47C7/30 A47C7/32 A47C7/35 A47C7/38 A47C7/40 A47C7/44 A47C7/46 A47C9/00

International (IPC 1-7): A47C A47C0/00 A47C1/00 A47C1/02 A47C1/024 A47C1/031 A47C1/032 A47C1/038 A47C3/025 A47C3/026 A47C7/00 A47C7/02 A47C7/14 A47C7/22 A47C7/28 A47C1/023 A47C1/03238 A47C1/03255 A47C1/03261 A47C1/03274 A47C1/03277 A47C1/03294 A47C31/04 A47C7/14 A47C7/28 A47C7/38 A47C7/46 A47C3/0252 A47C3/026 A47C7/40 A47C7/445 A47C7/029 A47C7/32 A47C1/024 A47C1/03266 A47C1/03272 A47C5/06 A47C7/025

US: 297/284.11 297/284.4 297/284.400P 297/284.7 297/285 297/286 297/299 297/299P 297/300.1 297/300.100P 297/300.2 297/300.200P 297/300.200S 297/300.3 297/300.4 297/300.400P 297/300.5 297/300.6 297/300.7 297/300.8 297/301.3 297/301.5 297/301.6 297/301.7 297/302.1 297/311 297/311P 297/312 297/314 297/314S 297/316 297/316P 297/322 297/325 297/342 297/342P 297/440.1 297/440.15 297/452.3 297/452.48 297/452.480S 297/452.52 297/452.56 297/452.560S 297/452.63 297/452.630P



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Designated states: AE AG AL AM AT AU AZ BA BB BE BF BG BJ BR BW BY BZ CA CF CG CH CI CM CN CO CR CU CY CZ DE DK DM DZ EC EE EG ES FI FR GA GB GD GE GH GM GN GQ GR GW HR HU ID IE IL IN IS IT JP KE KG KP KR KZ LC LI LK LR LS LT LU LV MA MC MD MG MK ML MN MR MT MW MX MZ NA NE NI NL NO NZ OM PG PH PL PT RO RS RU SC SD SE SG SI SK SL SN SY SZ TD TG TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW