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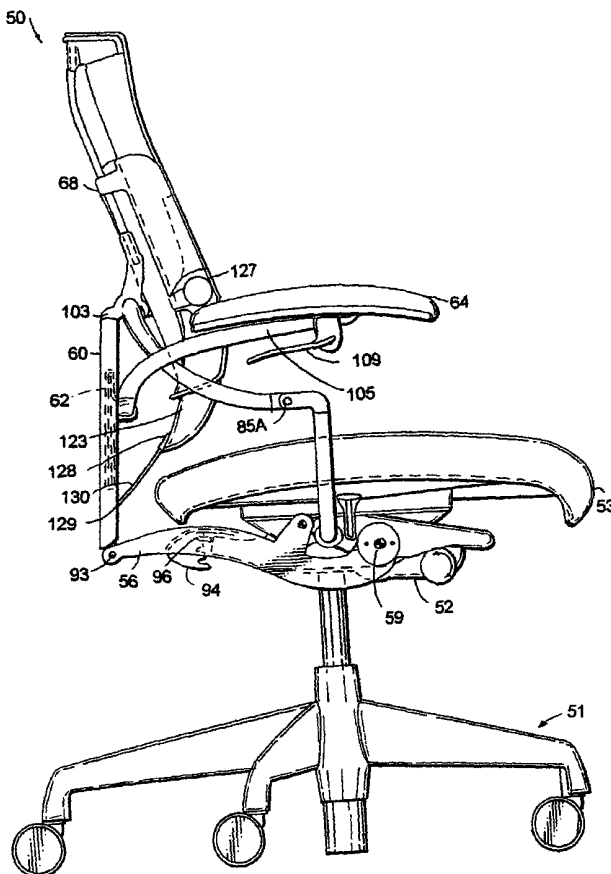
(43) International Publication Date  
28 December 2000 (28.12.2000)

PCT

(10) International Publication Number  
**WO 00/78185 A3**

- (51) International Patent Classification<sup>7</sup>: A47C 3/00 Quebec H7X 1G5 (CA). SOKALSKI, Jeff, G.; 2239 Cour-  
sol Street, Montreal, Quebec H3J 1C6 (CA).
- (21) International Application Number: PCT/US00/14720
- (22) International Filing Date: 25 May 2000 (25.05.2000)
- (25) Filing Language: English
- (26) Publication Language: English
- (30) Priority Data:  
60/139,599 17 June 1999 (17.06.1999) US
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- (81) Designated States (*national*): CA, MX.
- (84) Designated States (*regional*): European patent (AT, BE,  
CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC,  
NL, PT, SE).
- Published:  
— With international search report.
- (88) Date of publication of the international search report:  
28 June 2001
- For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

(54) Title: CHAIR CONSTRUCTION



(57) Abstract: A chair (50) includes a base (51) having a control (52), and a seat and a back tilt bracket (54) pivoted to the control (52) for synchronous movement. An angularly-adjustable extension (56) is adjustably supported on the back tilt bracket (54) and is pivotally connected to a back support structure (57) and a backrest frame (58) in a four-bar linkage arrangement. The back support structure (57) includes a spine assembly (60) and armrests (64) are operably supported on the spine assembly (60) for vertical adjustment by an armrest mount (62). The armrests pivot at an angular rate between a rate of the seat and the back during recline of the back. A lumbar slide (68) slidably engages a back shell (66) for changing a vertical shape of the lumbar section, and lumbar side arms (69) engage a rear surface of the back shell (66) for changing a horizontal shape of the lumbar section (67).



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INTERNATIONAL SEARCH REPORT

International application No.  
PCT/US00/14720

**A. CLASSIFICATION OF SUBJECT MATTER**  
 IPC(7) : A47C 3/00  
 US CL : 297/284.4, 301.1, 300.1, 322, 354.1, 354.11, 353, 284.7, 452.3  
 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. : 297/284.4, 301.1, 300.1, 322, 354.1, 354.11, 353, 284.7, 452.3

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

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

**C. DOCUMENTS CONSIDERED TO BE RELEVANT**

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	US 5,249,839 A (FAIKS et al) 5 October 1993, figures 1-9.	1-45

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  |  |

Date of the actual completion of the international search 01 NOVEMBER 2000	Date of mailing of the international search report <b>03 JAN 2001</b>
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