



(51) International Patent Classification:
A47C 7/46 (2006.01) A47C 3/00 (2006.01)

(21) International Application Number:
PCT/US2011/055607

(22) International Filing Date:
10 October 2011 (10.10.2011)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:
12/903,191 12 October 2010 (12.10.2010) US

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AO, AT, AU, AZ, BA, BB, BG, BH, BR, BW, BY, BZ, CA, CH, CL, CN, CO, CR, CU, CZ, DE, DK, DM, DO, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, GT, HN, HR, HU, ID, IL, IN, IS, JP, KE, KG, KM, KN, KP, KR, KZ, LA, LC, LK, LR, LS, LT, LU, LY, MA, MD, ME, MG, MK, MN, MW, MX, MY, MZ, NA, NG, NI, NO, NZ, OM, PE, PG, PH, PL, PT, QA, RO, RS, RU, RW, SC, SD, SE, SG, SK, SL, SM, ST, SV, SY, TH, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, ZA, ZM, ZW.

(84) Designated States (unless otherwise indicated, for every kind of regional protection available): ARIPO (BW, GH, GM, KE, LR, LS, MW, MZ, NA, RW, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European (AL, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HR, HU, IE, IS, IT, LT, LU, LV, MC, MK, MT, NL, NO, PL, PT, RO, RS, SE, SI, SK, SM, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

Published:

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— without international search report and to be republished upon receipt of that report (Rule 48.2(g))

(81) Designated States (unless otherwise indicated, for every kind of national protection available): AE, AG, AL, AM,

(54) Title: ERGONOMIC ADJUSTABLE CHAIR MECHANISMS

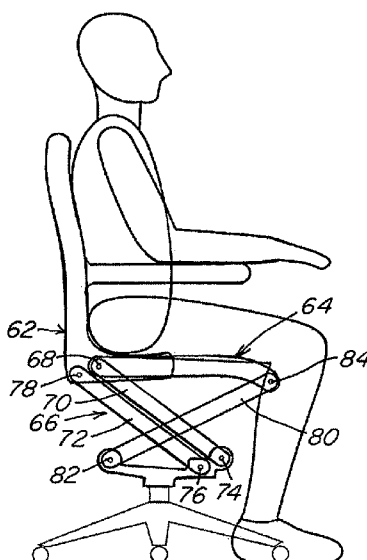


Fig. 13A

(57) Abstract: Seating mechanisms enable the user to vary the seating angle of a chair or stool by enabling at least the portion of the chair that supports the thighs to be tilted forwardly to controllably increase the seating angle while maintaining the spine and pelvic region in vertical alignment. The extent of forward tilt is controlled by pressure applied by the user's thighs that also serves to counterbalance the weight of the user's torso.