

(19) World Intellectual Property Organization
International Bureau



(43) International Publication Date
15 May 2008 (15.05.2008)

PCT

(10) International Publication Number
WO 2008/057239 A2

(51) International Patent Classification:
A47C 20/04 (2006.01)

(21) International Application Number:
PCT/US2007/022621

(22) International Filing Date: 25 October 2007 (25.10.2007)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:
60/855,874 1 November 2006 (01.11.2006) US
60/860,044 20 November 2006 (20.11.2006) US
11/732,184 3 April 2007 (03.04.2007) US

(71) Applicant (for all designated States except US): **PATIENT TRANSFER SYSTEMS, INC.** [US/US]; 5456 Northwood Drive, Center Valley, PA 18034-0198 (US).

(72) Inventors; and

(75) Inventors/Applicants (for US only): **WEEDLING, Robert, E.** [US/US]; 1055 Del Harbour, Delray Beach, FL 33483 (US). **WEEDLING, James, E.** [US/US]; 5456 Northwood Drive, Center Valley, PA 18034 (US).

(74) Agents: **MARSHALL, John, J.** et al.; Drinker Biddle & Reath LLP, One Logan Square, 18th and Cherry Streets, Philadelphia, PA 19103-6996 (US).

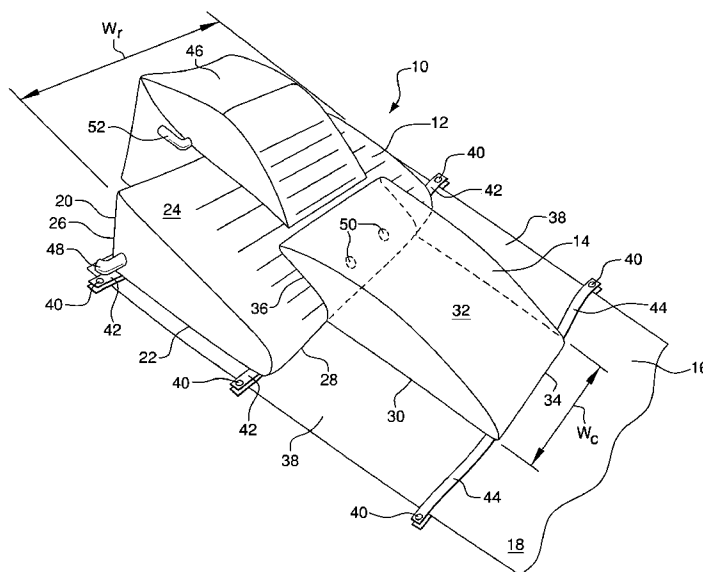
(81) Designated States (unless otherwise indicated, for every kind of national protection available): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BH, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DO, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, GT, HN, HR, HU, ID, IL, IN, IS, JP, KE, KG, KM, KN, 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, PG, PH, PL, PT, RO, RS, RU, SC, SD, SE, SG, SK, SL, SM, SV, SY, 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, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, LV, MC, MT, NL, PL, PT, RO, SE, SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

Published:

— without international search report and to be republished upon receipt of that report

(54) Title: PATIENT INCLINE DEVICE HAVING CENTERLINE SPINAL SUPPORT



(57) Abstract: A patient incline device includes an incline ramp and a centerline spinal support located on a base member. The incline ramp supports the upper torso and head of a patient such that the upper torso and head are elevated with respect to the base member. The centerline support is located adjacent the inline ramp for contact with a central portion of the patient's back located adjacent the spine to elevate the central back portion. According to one embodiment, the incline ramp and the spinal support are inflatable. The width of the spinal support is less than that of the incline ramp to define lateral spaces along opposite sides of the centerline support to receive the arms and side portions of the patient for lateral extension of the chest wall.

WO 2008/057239 A2