



- (51) International Patent Classification:
A61G 7/05 (2006.01)
- (21) International Application Number:
PCT/US2025/014374
- (22) International Filing Date:
03 February 2025 (03.02.2025)
- (25) Filing Language: English
- (26) Publication Language: English
- (30) Priority Data:
63/549,118 02 February 2024 (02.02.2024) US
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(81) Designated States (unless otherwise indicated, for every
kind of national protection available): AE, AG, AL, AM,
AO, AT, AU, AZ, BA, BB, BG, BH, BN, BR, BW, BY, BZ,
CA, CH, CL, CN, CO, CR, CU, CV, CZ, DE, DJ, DK, DM,
DO, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, GT,
HN, HR, HU, ID, IL, IN, IQ, IR, IS, IT, JM, JO, JP, KE, KG,
KH, KN, KP, KR, KW, KZ, LA, LC, LK, LR, LS, LU, LY,

(54) Title: SIDE RAIL ASSEMBLY AND METHODS OF USE

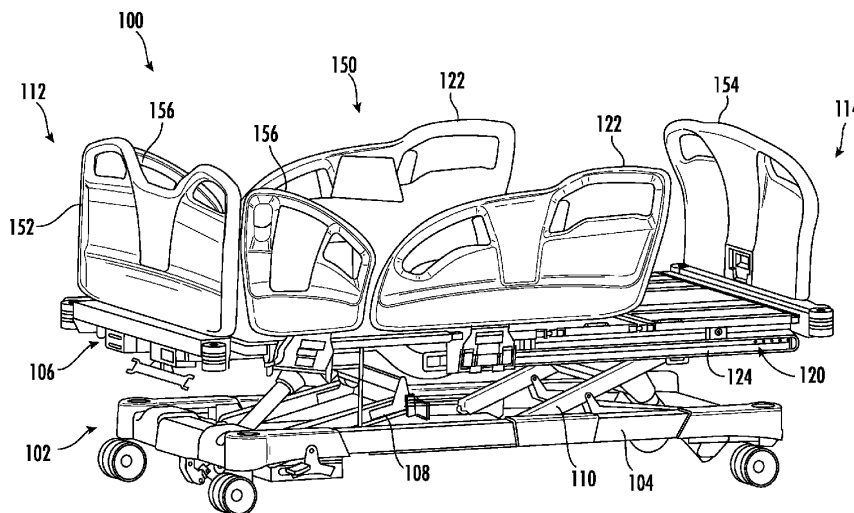


FIG. 1

(57) Abstract: A side rail assembly (120) may include a support rail (124) connected to a medical bed (100), the support rail may include a slot (125) disposed along an exterior surface the support rail and one or more indents (226) positioned within the slot. The side rail assembly may include a carrier (126) slidably connected to the support rail, wherein the carrier comprising a guide pin (222) configured to slidably abut the slot. A side rail assembly may further include a side rail (122) being rotatably connected to the carrier, wherein the guide pin is urged into the one or more indents when the guide pin is aligned with the one more indents, thereby allowing rotation of the side rail to a raised position and restricting movement of earner along the support rail. Methods for moving the side rail and triggering a magnetic sensor (300) are disclosed herein.

[Continued on next page]

MA, MD, MG, MK, MN, MU, MW, MX, MY, MZ, NA, NG, NI, NO, NZ, OM, PA, PE, PG, PH, PL, PT, QA, RO, RS, RU, RW, SA, SC, SD, SE, SG, SK, SL, ST, SV, SY, TH, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UY, UZ, VC, VN, WS, ZA, ZM, ZW.

(84) Designated States (*unless otherwise indicated, for every kind of regional protection available*): ARIPO (BW, CV, GH, GM, KE, LR, LS, MW, MZ, NA, RW, SC, SD, SL, ST, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, 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, ME, MK, MT, NL, NO, PL, PT, RO, RS, SE, SI, SK, SM, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, KM, ML, MR, NE, SN, TD, TG).

Published:

- *with international search report (Art. 21(3))*
- *before the expiration of the time limit for amending the claims and to be republished in the event of receipt of amendments (Rule 48.2(h))*