

(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(19) World Intellectual Property
Organization
International Bureau

(43) International Publication Date
26 August 2021 (26.08.2021)



(10) International Publication Number
WO 2021/168431 A1

(51) International Patent Classification:
A47D 13/06 (2006.01)

(21) International Application Number:
PCT/US2021/019085

(22) International Filing Date:
22 February 2021 (22.02.2021)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:
62/979,728 21 February 2020 (21.02.2020) US

(71) Applicant: **WONDERLAND SWITZERLAND AG**
[CH/CH]; Beim Bahnhof 5, 6312 Steinhausen (CH).

(72) Inventors; and

(71) Applicants (for US only): **PACELLA, Jonathan, M.**
[US/US]; 732 Northpoint Rd, Gap, PA 17527 (US).
CLEMMER, Lance, J. [US/US]; 1326 Buck Hollow Rd,
Mohnton, PA 19540 (US).

(74) Agent: **TONG, Jonathan** et al.; Smith Baluch LLP, 376
Boylston St., Suite 401, Boston, MA 02116 (US).

(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, CZ, DE, DJ, DK, DM, DO,
DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, GT, HN,
HR, HU, ID, IL, IN, IR, IS, IT, JO, JP, KE, KG, KH, KN,
KP, KR, KW, KZ, LA, LC, LK, LR, LS, LU, LY, MA, MD,
ME, MG, MK, MN, MW, MX, MY, MZ, NA, NG, NI, NO,
NZ, OM, PA, PE, PG, PH, PL, PT, QA, RO, RS, RU, RW,

(54) Title: PLAYARD WITH COMPACT FOLDED CONFIGURATION AND STORAGE LATCH

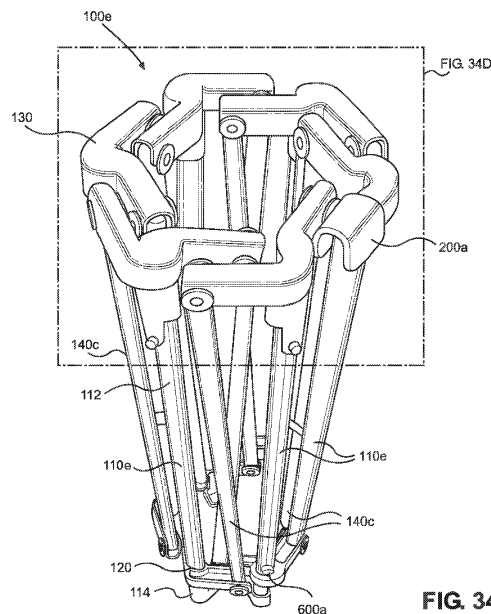


FIG. 34C

(57) **Abstract:** A frame for a foldable playard includes multiple leg support assemblies and X-frame assemblies that provide and maintain clearances in accordance with consumer safety standards when the playard is fully folded, fully unfolded, or between the folded and unfolded configurations. These assemblies further facilitate a compact size in the folded configuration. Each leg support assembly includes a leg tube, a corner, and a slider where the corners and the sliders have arms rotatably coupled to the X-frame assemblies. For each pair of adjacent leg support assemblies, the respective arms of the sliders and the corners are dimensioned to provide the desired clearances while being offset such that the respective arms of the sliders and the corners overlap one another when the frame is folded, thus facilitating a compact size of the folded frame. The frame may also include a storage latch to lock the frame in the folded configuration.

[Continued on next page]

SA, SC, SD, SE, SG, SK, SL, ST, SV, SY, TH, TJ, TM, TN,
TR, TT, TZ, UA, UG, US, UZ, VC, VN, WS, 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, 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, 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).

Declarations under Rule 4.17:

— *as to applicant's entitlement to apply for and be granted a patent (Rule 4.17(ii))*

Published:

— *with international search report (Art. 21(3))*