

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

(19) World Intellectual Property
Organization
International Bureau

(43) International Publication Date
15 August 2024 (15.08.2024)



(10) International Publication Number
WO 2024/168015 A3

(51) International Patent Classification:
B60N 2/28 (2006.01) *B60N 2/68* (2006.01)

(21) International Application Number:
PCT/US2024/014768

(22) International Filing Date:
07 February 2024 (07.02.2024)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:
63/483,989 09 February 2023 (09.02.2023) US
63/492,889 29 March 2023 (29.03.2023) US

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

(72) Inventor; and

(71) Applicant (for BZ only): **TAYLOR, Andrew J.** [US/US];
70 Thousand Oaks Blvd., Morgantown, Pennsylvania
19543 (US).

(72) Inventors: **HARTENSTINE, Curtis M.**; 70 Thousand
Oaks Blvd, Morgantown, Pennsylvania 19543 (US). **BOW-
ERS, Patrick J. G.**; 70 Thousand Oaks Blvd, Morgantown,
Pennsylvania 19543 (US). **EGGERT-CROWE, Colin F.**;
70 Thousand Oaks Blvd, Morgantown, Pennsylvania 19543
(US). **GEARHART, Samuel**; 70 Thousand Oaks Blvd,
Morgantown, Pennsylvania 19543 (US).

(74) Agent: **HAYTER, Alicia**; CANTOR COLBURN LLP, 20
Church Street, Floor 22, Hartford, Connecticut 06103 (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, CV, CZ, DE, DJ, DK, DM,
DO, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, GT,

(54) Title: LATCH AND ADJUSTMENT SYSTEM FOR INFANT CHILD SEATS

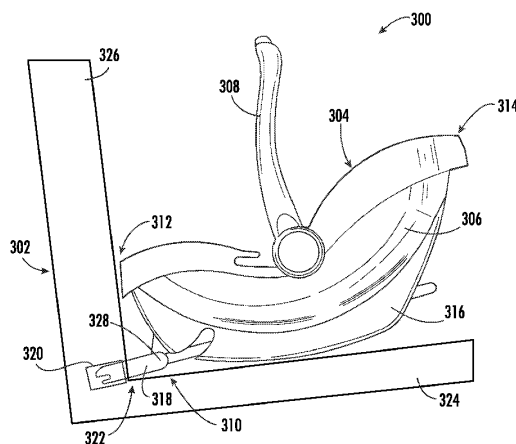


FIG. 3

(57) Abstract: Infant car seat systems for use with a vehicle seat include an infant car seat shell configured to support an infant and an adjustable anchor system including at least one anchor releasably engageable with the vehicle seat. The adjustable anchor system is coupled to the seat shell such that the at least one anchor is movable between a retracted state and an extended state. In the retracted state, the at least one anchor of the adjustable anchor system is retracted and secured to the infant car seat shell, and, in the extended state, the at least one anchor of the adjustable anchor system is extended and fixed in position relative to the infant car seat shell for securing the infant car seat to the vehicle seat.

[Continued on next page]

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,
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, 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).

Declarations under Rule 4.17:

- *as to applicant's entitlement to apply for and be granted a patent (Rule 4.17(ii))*
- *as to the applicant's entitlement to claim the priority of the earlier application (Rule 4.17(iii))*

Published:

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

(88) Date of publication of the international search report:

24 October 2024 (24.10.2024)