

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

(19) World Intellectual Property
Organization
International Bureau

(43) International Publication Date
02 August 2024 (02.08.2024)



(10) International Publication Number
WO 2024/158891 A2

(51) International Patent Classification:
B60N 2/26 (2006.01)

(21) International Application Number:
PCT/US2024/012746

(22) International Filing Date:
24 January 2024 (24.01.2024)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:
63/481,889 27 January 2023 (27.01.2023) US
63/489,282 09 March 2023 (09.03.2023) US
63/508,552 16 June 2023 (16.06.2023) US
63/511,037 29 June 2023 (29.06.2023) US
63/586,147 28 September 2023 (28.09.2023) US

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

(72) Inventor; and

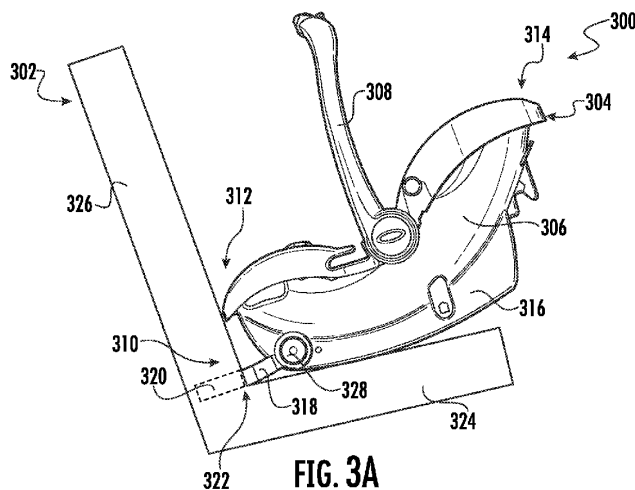
(71) Applicant (*for BZ only*): **EGGERT-CROWE, Colin F.**
[US/US]; 70 Thousand Oaks Blvd, Morgantown, Pennsylvania 19543 (US).

(72) Inventor: **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, 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.

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



(57) Abstract: Infant car seat systems for installation on a vehicle seat include an infant car seat having a seat shell and an anchor system connected to the seat shell. The anchor system includes a latch arm having a latch on an end thereof, the latch configured to releasably engage with a vehicle anchor system, wherein the latch arm is movably mounted to the seat shell and selectively fixable in two or more angles relative to the seat shell.

[Continued on next page]

(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:

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