

US0D1089856S

(12) United States Design Patent (10) Patent No.:

García Orellana et al.

(10) Patent No.: US D1,089,856 S

(45) Date of Patent: ** Aug. 19, 2025

(54) HELMET

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(**) Term: 15 Years

(21) Appl. No.: 29/909,423

(22) Filed: Aug. 4, 2023

(51) LOC (15) Cl. 29-02

(52) U.S. Cl.

USPC **D29/102** (58) Field of Classification Search

(56) References Cited

U.S. PATENT DOCUMENTS

5,996,125	A *	12/1999	Garzone A42B 3/227 2/200.1
7,406,721 1	B2	8/2008	Husbands et al.
D695,460 S	S *	12/2013	Slater D29/102
D800,390 S	S *	10/2017	Xiong D29/102
D901,084 S	S *	11/2020	Petzl D29/102
11,044,961 1	B1*	6/2021	Craig A42B 3/046
D982,835 S	S *	4/2023	Cao D29/102
D1,063,222 S	S *	2/2025	Xu D29/102
2019/0231016	A1*	8/2019	Deshpande A42B 3/04
2021/0037905	A1*	2/2021	Ward A42B 3/14
2024/0049826	A1*	2/2024	Cooper A42B 3/28

OTHER PUBLICATIONS

Posted Jun. 7, 2024 [online], Retrieved Apr. 1, 2025, Retrieved from internet, https://www.amazon.com/HexArmor-Ceros®-XP300-Full-Brim-Safety/dp/B0D6GX6VXC/ (Year: 2024).*

Posted Aug. 6, 2014 [online], Retrieved Apr. 1, 2025, Retrieved from internet, https://www.amazon.com/Pyramex-Ridgeline-4-Point-Ratchet-Suspension/dp/B00MGMWOY0/ (Year: 2014).*

Pyramex, SL Series Cap, Available from internet URL: https://www.indianasafety.com/catalog/p/HP16130/Pyramex-SL-Series-Cap-Style-Hard-Hat/, [online], [site visited Nov. 2, 2023].

Uline, Hard Hat Cap, Available from internet URL: https://www.uline.com/Grp_259/Hard-Hats, [online], [site visited Nov. 2, 2023]. Uline, Vented Hard Hat Cap, Available from internet URL: https://www.uline.com/BL_2671/Vented-Hard-Hat, [online], [site visited Nov. 2, 2023].

(Continued)

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(57) CLAIM

The ornamental design for a helmet as shown and described.

DESCRIPTION

FIG. 1 is a bottom plan view of a helmet according to the claimed design:

FIG. 2 is a first side, bottom perspective view thereof;

FIG. 3 is a second side, bottom perspective view thereof;

FIG. 4 is a bottom, rear perspective view thereof;

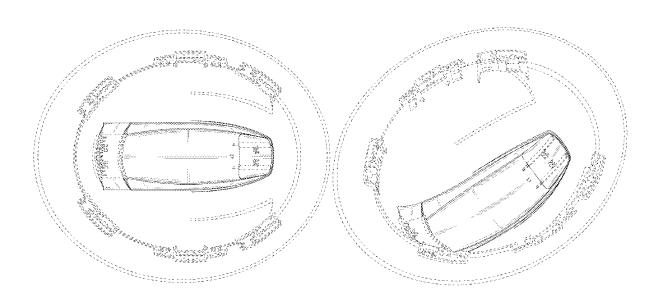
FIG. 5 is a bottom, front perspective view thereof;

FIG. 6 is a first side perspective view of thereof; and,

FIG. 7 is a second side perspective view thereof.

The portions of the article shown in broken line form no part of the claimed design.

1 Claim, 7 Drawing Sheets



(56) References Cited

OTHER PUBLICATIONS

HexArmor, Ceros XA250 Climbing, Available from internet URL: https://www.hexarmor.com/products/xa250, [online], [site visited Nov. 2, 2023].

JSP, EVO 6151 Ascend Climbing, Available from internet URL: https://www.jspna.com/products/akn260-001-104_evo-6151-short-brim-ascend-climbing-helmet-wheel-ratchet-black, [online], [site visited Nov. 2, 2023].

JSP, EVO 6161 Ascend, Available from internet URL: https://www.firstplacesupply.com/safety/evo-6161-ascend-vented-full-brim-safety-helmet-with-hdpe-shell-4-point-chinstrap-6-point-suspension-and-wheel-ratchet-adjustment-each/, [online], [site visited Nov. 2, 2023]. Uline, Deluxe Hard Hat Climbing, Available from internet URL: https://www.uline.com/BL_3326/Deluxe-Hard-Hat, [online], [site visited Nov. 2, 2023].

JSP, 4200 Hard Hat, Available from internet URL: https://www.jspna.com/products/ala200-090-178_4200-series-cap-style-hard-hat-wheel-ratchet-white, [online], [site visited Nov. 2, 2023].

Ironwear, 3961 Cap, Available from internet URL: https://gryphonsafety.com/ironwear-cap-style-hard-hat-4-6-point-suspension/, [online], [site visited Nov. 2, 2023].

MSA, V-Gard 500 Cap, Available from internet URL: https://legionsafety.com/p/1580-msa-v-gard-500-hard-hats-with-4-pt-fas-trac-suspension/v/15990, [online], [site visited Nov. 2, 2023].

MSA, SmoothDome Cap, Available from internet URL: https://www.northernsafety.com/Product/24070/MSA-SmoothDome-Slotted-4Point-Ratchet-Suspension-Cap-Hard-Hat, [online], [site visited Nov. 2, 2023]

Pyramex, SL Series Cap, Available from internet URL: https://gryphonsafety.com/pyramex-cap-style-hard-hat-sl-series-sleek-4-pt-ratchet-white/, [online], [site visited Nov. 2, 2023].

Honeywell, A119 Hard Hat, Available from internet URL: https://sps.honeywell.com/us/en/products/safety/head-eye-and-face-protection/hard-hats/a119r-type-ii-hard-hat, [online], [site visited Nov. 2, 2023]. Ironwear, 3970 Full Brim, Available from internet URL: https://ironwear.com/3970.html, [online], [site visited Nov. 2, 2023].

Ironwear, 3970CF, Full Brim, Available from internet URL: https://ironwear.com/3970-cf.html, [online], [site visited Nov. 28, 2023]. Pyramix, SL Series Full Brim, Available from internet URL: https://www.discountsafetygear.com/pyfubrhahatr.html, [online], [site visited Nov. 2, 2023].

Safety Helmets and Bump Caps, Safety Helmet—Effective Industrial Hard Hats—Uvex Safety, Available from internet URL: https://www.uvex-safety.com/en/products/safety-helmets/?f=11700, [online], [site visited Aug. 3, 2023].

HexArmor, Personal Protective Equipment—Products, Available from internet URL: https://www.hexarmor.com/products?turbolinks=true&products_production%5BrefinementList%5D%5Bproduct_type_root%5D%5B0%5D=Head%20protection&products_production%5Bmenu%5D%5Bproduct_type_sub%5D=Safety%20helmets [online], [site visited Aug. 3, 2023].

3M Science. Applied to Life., 3M SecureFit Safety Helmet X5000 Series, Available from internet URL: https://www.3m.com/3M/en_LB/p/d/b5005066150/, [online], [site visited Aug. 28, 2023].

HexArmor, Ceros XA250, Available from internet URL: https://www.hexarmor.com/products/xa250, [online], [site visited Aug. 28, 2023].

HexArmor, Ceros XP200, Available from internet URL: https://www.hexarmor.com/products/xp200, [online], [site visited Aug. 28, 2023].

HexArmor, Ceros XP250, Available from internet URL: https://www.hexarmor.com/products/xp250, [online], [site visited Aug. 28, 2023].

HexArmor, Ceros XP450A, Available from internet URL: https://www.hexarmor.com/products/xp450a,[online], [site visited Aug. 28, 2023].

JSP, EVO, VistaLens, Available from internet URL: https://www.jspsafety.com/contentpage/evovista,[online], [site visited Aug. 28, 2023].

JSP, EVO, VistaLens Ascend, Available from internet URL: https://www.firstindustrialsupplies.com/jsp-evo-vistalens-ascend-vented-white-white-size-os-white-ansi-type-i-helmets-280-evlv-ch-01w/,[online], [site visited Aug. 28, 2023].

Kask, SuperPlasma, Available from internet URL: https://www.kask-safety.com/en/helmets/superplasma/superplasma-hd_24_20.htm, [online], [site visited Aug. 28, 2023].

Kask, Zenith Air, Available from internet URL: https://www.kask-safety.com/en/helmets/zenith/zenith-air_24_49.htm, [online], [site visited Nov. 28, 2023].

Kask, Zenith X Air, Available from internet URL: https://www.kask-safety.com/en/helmets/zenith-x/zenith-x-air_24_69.htm, [online], [site visited Aug. 29, 2023].

Kask, Zenith X2 Air, Available from internet URL: https://www.kask-safety.com/en/helmets/zenith-x2/zenith-x2-air_24_85.htm, [online], [site visited Aug. 29, 2023].

Lift, Radix, Available from internet URL: https://liftsafety.com/products/radix-safety-helmet-vented, [online], [site visited Aug. 29, 2023].

Milwaukee, Hard Hat Front Brim, Available from internet URL: https://www.milwaukeetool.com/Products/Full-Brim-Hard-Hat, [online], [site visited Oct. 4, 2023].

Milwaukee, Hard Hat Full Brim, Available from internet URL: https://www.milwaukeetool.com/Products/Full-Brim-Hard-Hat, [online], [site visited Aug. 29, 2023].

MSA, V-Gard C1, Available from internet URL: https://us.msasafety.com/p/000060003900001001?locale=en, [online], [site visited Aug. 29, 2023].

MSA, V-Gard H1, Available from internet URL: https://us.msasafety.com/pn/10194783?locale=en, [online], [site visited Aug. 29, 2023]. MSA, Nexus HeightMaster, Available from internet URL: https://us.msasafety.com/Head-Protection/Hard-Hats/Nexus-Heightmaster-and-Linesman-Climbing-Helmets/p/000060003600001000?locale=en, [online], [site visited Aug. 29, 2023].

MSA, Nexus Linesman, Available from internet URL: https://us.msasafety.com/Head-Protection/Hard-Hats/Nexus-Heightmaster-and-Linesman-Climbing-Helmets/p/000060003600001000?locale=en, [online], [site visited Aug. 29, 2023].

Zero Height Safety, Apex, Exo, Available from internet URL: https://allguard.co.nz/product/apex-exo-helmet/, [online], [site visited Aug. 29, 2023].

Ergodyne, Skullerz 8972, Available from internet URL: https://www.ergodyne.com/skullerz-8972-premium-cap-style-hard-hat-adjustable-venting-class-c, [online], [site visited Aug. 29, 2023].

Ergodyne, Skullerz 8973, Available from internet URL: https://www.ergodyne.com/skullerz-8973-premium-full-brim-hard-hat-adjustable-venting-class-c, [online], [site visited Aug. 29, 2023].

Froodyne, Skullerz, 8975, Available from internet URL: https://

Ergodyne, Skullerz, 8975, Available from internet URL: https://www.ergodyne.com/skullerz-8975-safety-helmet-class-c, [online], [site visited Aug. 29, 2023].

Ergodyne, Skullerz 8795-MIPS, Available from internet URL: https://www.ergodyne.com/skullerz-8975mips-safety-helmet-mips-technology-class-c, [online], [site visited Aug. 29, 2023].

Jackson Safety, CH-400V, Available from internet URL: https://www.jacksonsafety.com/product-page/ch-400v-climbing-inspired-industrial-hard-hat-vented, [online], [site visited Oct. 2, 2023].

Petzl, Vertex Vent, Available from internet URL: https://gravitec.com/equipment/helmets/petzl-vertex-vent-helmet/, [online], [site visited Oct. 2, 2023].

Zero Height Safety, Manta Extreme, Available from internet URL: https://www.liftingsafety.co.uk/product/zero-mantra-extreme-helmet-4791.html, [online], [site visited Oct. 2, 2023].

Zero Height Safety, Terrain Helmet, Available from internet URL: https://www.liftingsafety.co.uk/product/zero-terrain-helmet-4792. html, [online], [site visited Oct. 4, 2023].

3M, H-Series H-800 Full Brim, Available from internet URL: https://www.3m.com/3M/en_US/p/d/b5005274005/, [online], [site visited Oct. 4, 2023].

(56) References Cited

OTHER PUBLICATIONS

Ergodyne, Skullerz 8968 Full Brim, Available from internet URL: https://www.ergodyne.com/skullerz-8968-lightweight-full-brim-hard-hat-vented-class-c, [online], [site visited Oct. 4, 2023].

Jackson Safety, Advantage Full Brim, Available from internet URL: https://www.jacksonsafety.com/product-page/advantage-series-full-brim-hard-hat-vented, [online], [site visited Nov. 2, 2023].

Jackson Safety, Blockhead FG Full Brim, Available from internet URL: https://www.jacksonsafety.com/product-page/blockhead-full-brim-hard-hat, [online], [site visited Nov. 2, 2023].

JSP, Evolution 6141 Full Brim, Available from internet URL: https://www.hivissupply.com/jsp-evolution-deluxe-6141-full-brim-hard-hat.html, [online], [site visited Nov. 2, 2023].

JSP, Evolution 6161 Full Brim, Available from internet URL: https://www.hivissupply.com/jsp-evolution-deluxe-6161-full-brim-hard-hat.html, [online], [site visited Nov. 2, 2023].

Lift, Briggs Full Brim, Available from internet URL: https://liftsafety.com/products/briggs-full-brim, [online], [site visited Nov. 2, 2023]. MSA, V-Gard 500 Full Brim, Available from internet URL: https://us.msasafety.com/p/000060002100001013?locale=en, [online], [site visited Nov. 2, 2023].

Pyramix, Ridgeline Full Brim, Available from internet URL: https://www.pyramex.com/products/ridgeline-r-full-brim-vented, [online], [site visited Nov. 2, 2023].

Bullard, Classic C30 Cap, Available from internet URL: https://www.envirosafetyproducts.com/bullard-c30-30rdr-6pt-ratchet-classic-cap-style-red-hard-hat-20-case.html, [online], [site visited Nov. 2, 2023].

Bullard, Standard S51 Cap, Available from internet URL: https://www.safetycompany.com/head-and-face-protection/safety-hard-hats/bullard-s51-ratchet-suspension-safety-cap/, [online], [site visited Nov. 2, 2023].

Bullard, Standard S61 Cap, Available from internet URL: https://www.fullsource.com/bullard-s61-hard-hats/, [online], [site visited Nov. 2, 2023].

Bullard, Standard S62 Cap, Available from internet URL: https://www.fullsource.com/bullard-s62-hard-hats/, [online], [site visited Nov. 28, 2023].

JSP, MK8 Cap, Available from internet URL: https://www.fullsource.com/jsp-mk8-hard-hats/, [online], [site visited Nov. 2, 2023].

JSP, Evolution 6121 Cap, Available from internet URL: https://www.fullsource.com/jsp-evolution-deluxe-6121-hard-hats/, [online], [site visited Nov. 2, 2023].

JSP, Evolution 6151 Cap, Available from internet URL: https://www.hivissupply.com/jsp-evolution-deluxe-6151-hard-hat-280-ev6151.html, [online], [site visited Nov. 2, 2023].

JSP, EVO 6151S Cap, Available from internet URL: https://www.saftgard.com/products/pip-jsp-280-e6151s-ch-y-evo-ascend-hard-hat-280-ev6151s-ch-y/, [online], [site visited Nov. 3, 2023].

JSP, MK8 Linesman, Available from internet URL: https://www.jspna.com/products/ala200-090-178_4200-series-cap-style-hard-hat-wheel-ratchet-white, [online], [site visited Nov. 2, 2023].

JSP, 4200 Cap Hard Hat, Available from internet URL: https://themanstoreonline.com/product/jsp-mk8-linesman-hard-hat-ansi-type-ii-4-point-chin-strap-ratchet-adjustment-polyester-suspension-with-eps-liner-280-ahs240-box-8/, [online], [site visited Nov. 2, 2023].

JSP, EVO5 Olympus Cap, Available from internet URL: https://rapidfiresupplies.co.uk/hard-hats-syv1aw/evo5-olympus-global-standards-hard-hat-wheel-ratchet-orange, [online], [site visited Nov. 2, 2023].

Pyramex, Ridgeline Cap, Available from internet URL: https://www.pyramex.com/products/ridgeline-r-cap-style-csa-version, [online], [site visited Nov. 2, 2023].

* cited by examiner

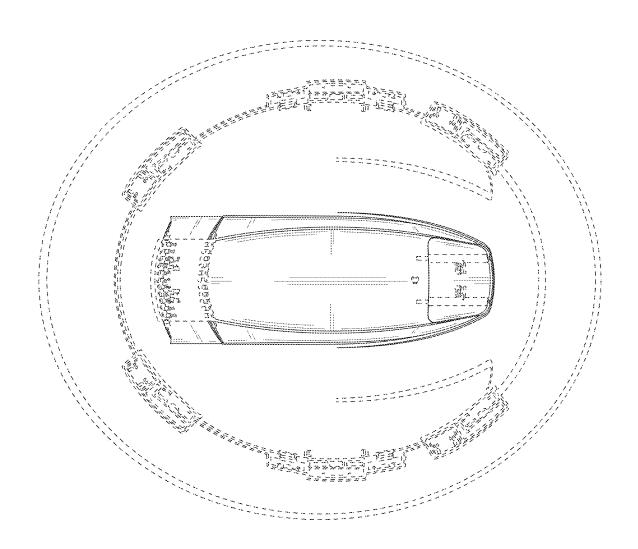


FIG. 1

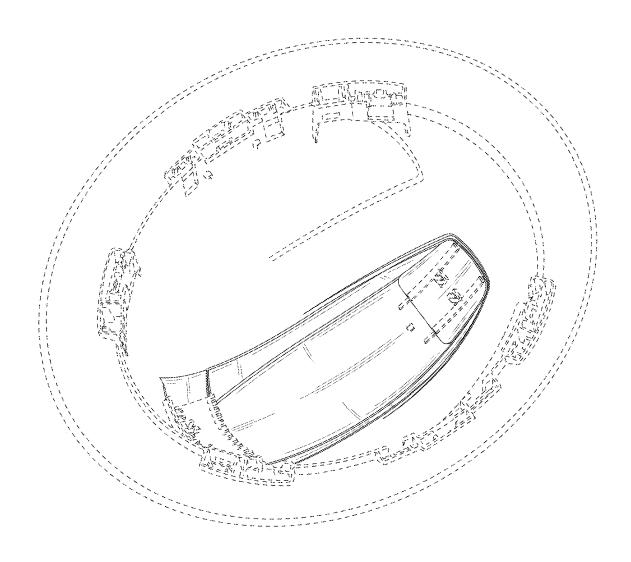


FIG. 2

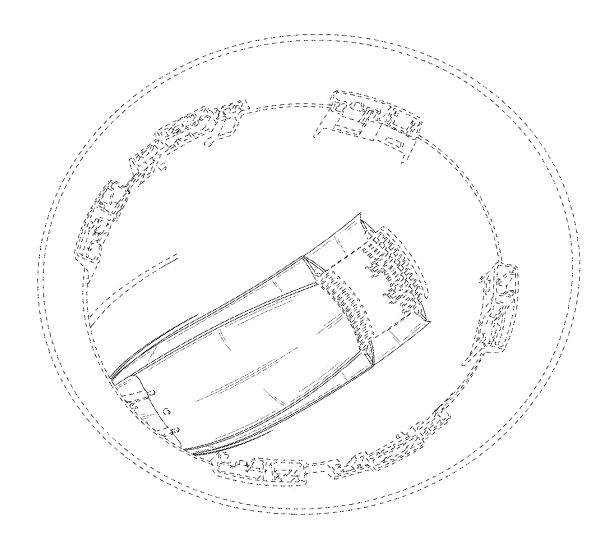


FIG. 3

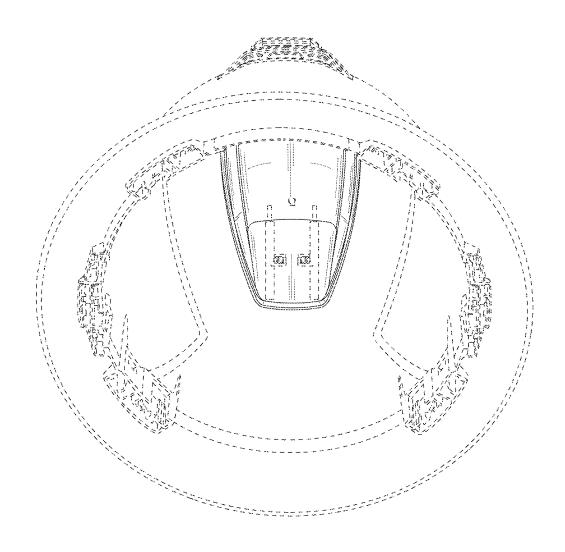


FIG. 4

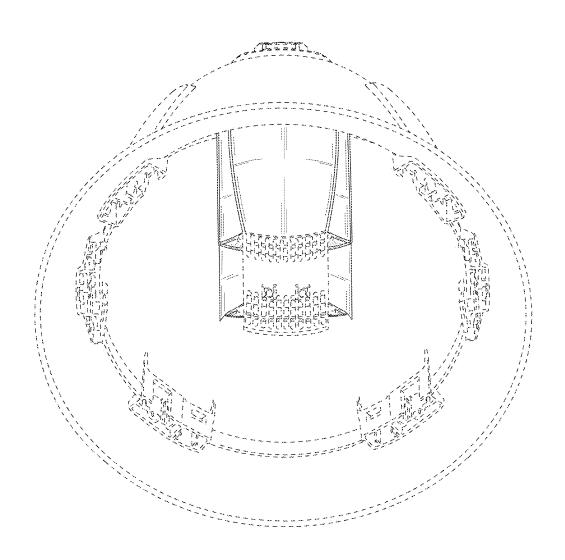


FIG. 5

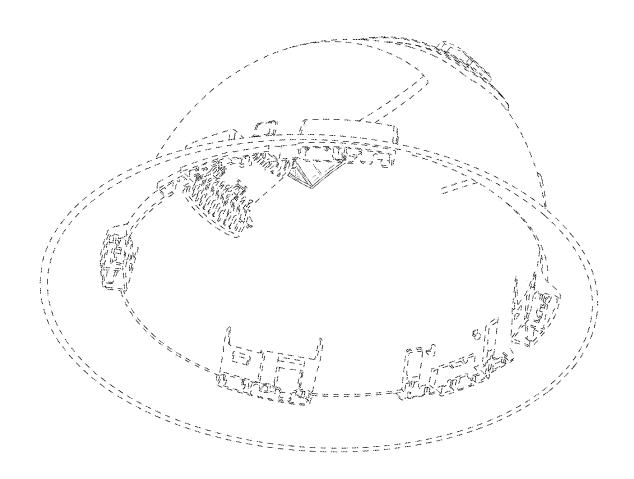


FIG. 6

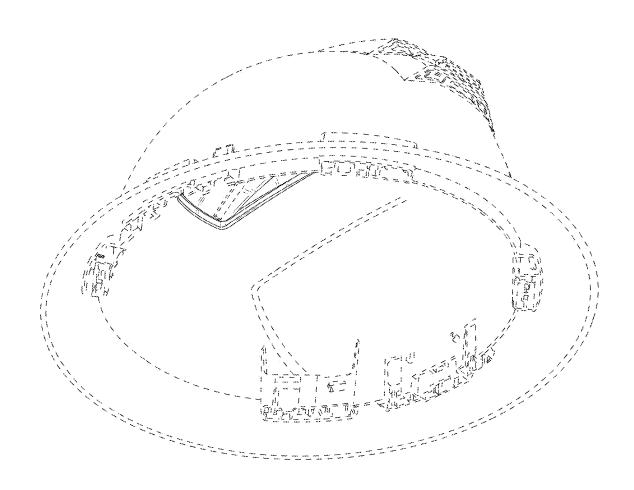


FIG. 7