

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

(19) World Intellectual Property
Organization
International Bureau

(43) International Publication Date
07 March 2024 (07.03.2024)



(10) International Publication Number
WO 2024/047664 A1

(51) International Patent Classification:
A42B 3/04 (2006.01) *F41F 7/00* (2006.01)

(21) International Application Number:
PCT/IN2023/050666

(22) International Filing Date:
07 July 2023 (07.07.2023)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:
202211049272 29 August 2022 (29.08.2022) IN

(72) Inventor; and

(71) Applicant: **AHUJA, Pulkit** [IN/IN]; RL-36, Fourth Floor,
Ganga Ram Vatika, Tilak Nagar, New Delhi – 110018 (IN).

(74) Agent: **GOEL, Sangeeta**; A-12, Gulmohar Park, New Delhi
-110049 (IN).

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.

(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).

(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,

(54) Title: ADVANCED 360-DEGREE SURFACE PROJECTILE LAUNCH HELMET SYSTEM

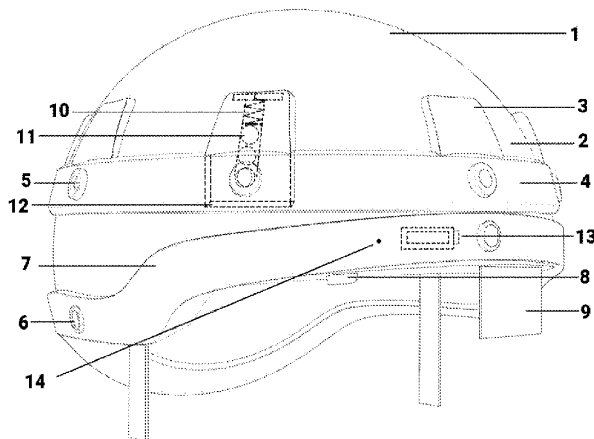


Figure 1: Right perspective view of the Advanced 360-Degree Surface
Projectile Launch Helmet System.

(57) Abstract: The invention relates to development of an advanced 360-degree projectile launch helmet system, which can launch projectiles (which may be selected from bullets, pellets, tasers, lasers, etc.) from within the helmet without any collateral damage either to helmet or to the person wearing the same. The system can be voice or remote activated and cross counters any recoils that are generated because of the launch of the projectiles.

[Continued on next page]

Published:

- *with international search report (Art. 21(3))*
- *in black and white; the international application as filed contained color or greyscale and is available for download from PATENTSCOPE*