



- (51) International Patent Classification:
F41A 9/29 (2006.01) F41A 9/38 (2006.01)
- (21) International Application Number:
PCT/US2015/041084
- (22) International Filing Date:
20 July 2015 (20.07.2015)
- (25) Filing Language: English
- (26) Publication Language: English
- (30) Priority Data:
14/337,422 22 July 2014 (22.07.2014) US
14/802,748 17 July 2015 (17.07.2015) US
- (71) Applicant: MOOG INC. [US/US]; Seneca Street & Jamison Road, East Aurora, NY 14052 (US).
- (72) Inventors: LUNG, Kevin; 39603 Orchard Bluff Lane, Wadsworth, IL 60083 (US). MARTINEZ, Matthew; 3608 Crest Drive, Bakersfield, CA 93306 (US). MUELLER, Frank; 1447 Remington Drive, Santa Ynez, CA 93460 (US). RHODES, David; 955 Elk Grove Lane, Solvang, CA 93463 (US).

(74) Agent: SNYDER, George L., Jr.; Hodgson Russ LLP, The Guaranty Building, 140 Pearl Street, Suite 100, Buffalo, NY 14202 (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, DK, DM, DO, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, GT, HN, HR, HU, ID, IL, IN, IR, IS, JP, KE, KG, KN, KP, KR, 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, SA, SC, SD, SE, SG, SK, SL, SM, ST, SV, SY, TH, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, 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).

[Continued on next page]

(54) Title: CONFIGURABLE WEAPON STATION HAVING UNDER ARMOR RELOAD

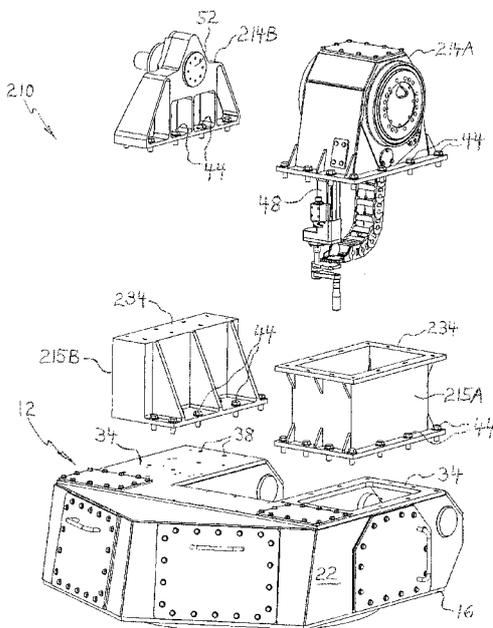


FIG. 19

(57) Abstract: A vehicle-mounted weapon station is configurable to adjust the height of a rotational elevation axis thereof. The weapon station is provided with at least one fixed hanging ammunition container that is reloadable under the armored protection of the vehicle and the weapon station shell. The weapon station may have both electrically-powered and manually-powered drive systems for rotating a pedestal about an azimuth axis relative to the vehicle, and for rotating weaponry and operational units about the elevation axis, wherein the electrical and manual drive systems transmit power through the same output gear.

WO 2016/060719 A2