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

(19) World Intellectual Property Organization
International Bureau

(43) International Publication Date
04 September 2025 (04.09.2025)

WIPO | PCT

(10) International Publication Number
WO 2025/179385 A1

(51) International Patent Classification:
F41A 35/06 (2006.01) *F41A 19/46* (2006.01)

(21) International Application Number:
PCT/CA2025/050260

(22) International Filing Date:
27 February 2025 (27.02.2025)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:
63/558,169 27 February 2024 (27.02.2024) US

(71) Applicant: **COLT CANADA CORPORATION** [CA/CA]; 1036 Wilson Avenue, Kitchener, Ontario N2C 1J3 (CA).

(72) Inventor: **CARVALHO, Sean**; 85 Chimney Hill Drive, Cambridge, Ontario N1T 1H2 (CA).

(74) Agent: **WONG, Jeffrey** et al.; Gowling WLG (Canada) LLP, 345 King Street West, Suite #600, Kitchener, Ontario N2G 0C5 (CA).

(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, UY, 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).

(54) Title: AMBIDEXTROUS FIREARM BOLT CONTROL MECHANISM

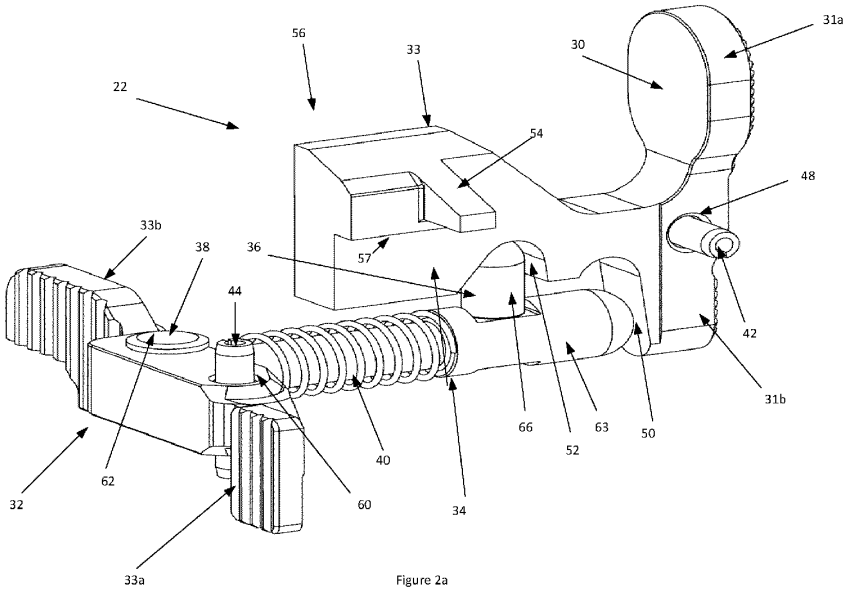


Figure 2a

(57) Abstract: The disclosure is directed an ambidextrous firearm bolt control mechanism. In one embodiment, integration of the bolt control mechanism of the disclosure enables a firearm user to use either a right hand or a left hand to engage or disengage a bolt within the firearm that facilitates loading/unloading of cartridges from the magazine.

WO 2025/179385 A1

[Continued on next page]

Published:
— *with international search report (Art. 21(3))*