

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

(19) World Intellectual Property
Organization
International Bureau

(43) International Publication Date
19 June 2025 (19.06.2025)



(10) International Publication Number
WO 2025/128484 A1

(51) International Patent Classification:

B24C 5/02 (2006.01) *B24C 3/06* (2006.01)
F16L 3/137 (2006.01) *A62C 31/28* (2006.01)
F16P 3/18 (2006.01) *A62C 33/04* (2006.01)

(21) International Application Number:

PCT/US2024/059188

(22) International Filing Date:

09 December 2024 (09.12.2024)

(25) Filing Language:

English

(26) Publication Language:

English

(30) Priority Data:

63/608,600 11 December 2023 (11.12.2023) US

(71) Applicant: **AXXIOM MANUFACTURING, INC.**

[US/US]; 11927 South Highway 6, Fresno, Texas 77545 (US).

(72) Inventors: **NGUYEN, Phuong Taylor**; 11927 South Highway 6, Fresno, Texas 77545 (US). **HUMMEL, Jeffrey Wayne**; 11927 South Highway 6, Fresno, Texas 77545 (US).

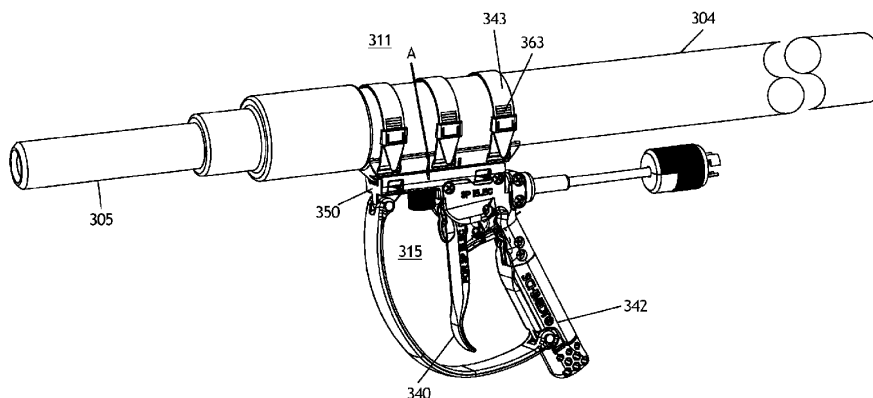
(74) Agent: **DEBOER, John**; Kearney, McWilliams & Davis, 55 Waugh Dr., Suite 150, Houston, Texas 77007 (US).

(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.

(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,

(54) Title: A CARRIER ASSEMBLY AND RELATED SYSTEMS AND METHODS

Figure 3A



(57) Abstract: A carrier assembly for engaging a hose that includes a mount having an inside mount surface, and an outside mount surface. There is a pliable member having a member body configured with a member first end, and a member second end. The pliable member is engaged on or with the outside mount surface. To facilitate engagement of the assembly engaged with the hose, the first member end is engaged to the member second end.

[Continued on next page]

SI, SK, SM, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN,
GQ, GW, KM, ML, MR, NE, SN, TD, TG).

Published:

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