

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

(19) World Intellectual Property
Organization
International Bureau

(43) International Publication Date
05 March 2020 (05.03.2020)



(10) International Publication Number
WO 2020/046897 A1

(51) International Patent Classification:

B65D 1/22 (2006.01) *E02D 29/14* (2006.01)
B65D 43/02 (2006.01) *G09F 3/02* (2006.01)
B65D 55/00 (2006.01) *G09F 3/20* (2006.01)
B65D 88/76 (2006.01) *H02G 9/10* (2006.01)

(21) International Application Number:

PCT/US2019/048288

(22) International Filing Date:

27 August 2019 (27.08.2019)

(25) Filing Language:

English

(26) Publication Language:

English

(30) Priority Data:

16/116,664 29 August 2018 (29.08.2018) US

(71) Applicant: **CHANNELL COMMERCIAL CORPORATION** [US/US]; P.O. Box 9022, Temecula, CA 92589-9022 (US).

(72) Inventors: **LEMACKS, Michael, A.**; 44439 Kingston Dr., Temecula, CA 92592 (US). **SAFRANEK, Timothy, S.**; 14

Kingsford Ct., Heath, TX 75032 (US). **WATSON, Christopher, M.**; 997 Mulberry Road, Nashville, NC 27856 (US). **BURKE, Edward, J.**; 30944 Wellington Circle, Temecula, CA 92591 (US).

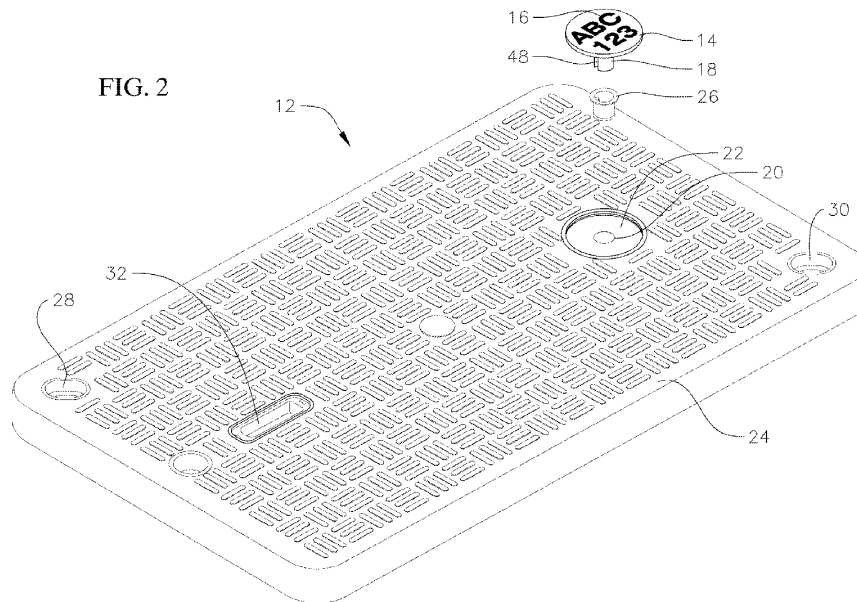
(74) Agent: **LAMPERT, Gregory, S.**; Lewis Roca Rothgerber Christie LLP, P.O. Box 29001, Glendale, CA 91209-9001 (US).

(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, DJ, DK, DM, DO, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, GT, HN, HR, HU, ID, IL, IN, IR, IS, JO, JP, KE, KG, KH, KN, KP, KR, KW, 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,

(54) Title: SINGLE SIDE FASTENING SYSTEM FOR IDENTIFICATION PLACARD FOR UTILITY VAULT LIDS

FIG. 2



(57) Abstract: A fastener for attaching an identification placard having a post to a lid for a utility vault from a single side of the lid, the fastener includes a body portion for positioning within a hole in the lid, the fastener having tabs for retaining the fastener to the lid and lobes for preventing over insertion of the fastener into the hole in the lid and a bore extending through or partially through the body portion for receipt of and friction retention and/or mechanical interlocking of the post of the identification placard.

[Continued on next page]

WO 2020/046897 A1

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).

Published:

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