

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

(19) World Intellectual Property  
Organization  
International Bureau

(43) International Publication Date  
19 March 2020 (19.03.2020)



(10) International Publication Number  
**WO 2020/055582 A1**

(51) International Patent Classification:  
A61M 25/02 (2006.01)

(21) International Application Number:  
PCT/US2019/048165

(22) International Filing Date:  
26 August 2019 (26.08.2019)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:  
62/729,297 10 September 2018 (10.09.2018) US  
16/547,926 22 August 2019 (22.08.2019) US

(71) Applicant: **BECTON, DICKINSON AND COMPANY**  
[US/US]; 1 Becton Drive, Franklin Lakes, New Jersey  
07417 (US).

(72) Inventors: **SCHERICH, Megan**; 921 East 500 South, Unit  
B, Salt Lake City, Utah 84102 (US). **BLANCHARD, Curtis H**;  
14156 South Mount Ogden Peak Drive, Riverton,  
Utah 84096 (US). **MITCHELL, Nathan**; 1028 West Sun-  
berry Drive, Murray, Utah 84123 (US). **WARNER, Tyler**;  
15366 Silverpoint Circle, Bluffdale, Utah 84065 (US). **MY-  
ERS, David**; 221 East Twin Ridge Drive, Draper, Utah  
84020 (US).

(74) Agent: **METCALF, Craig**; Kirton McConkie, 36 South  
State Street, Suite 1900, Salt Lake City, Utah 84111 (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,  
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).

(54) Title: CATHETER STABILIZATION PLATFORM, SYSTEMS, AND METHODS

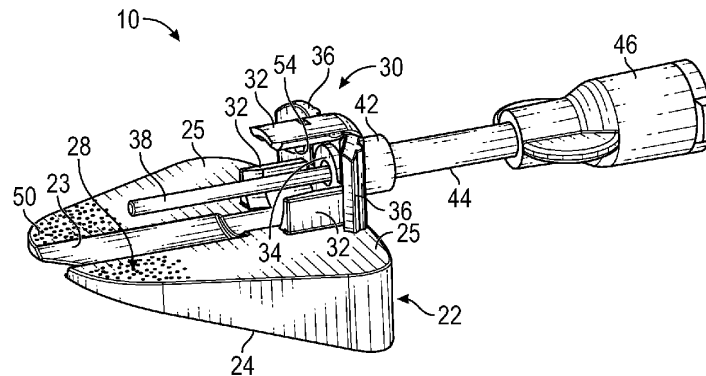


FIG. 1A

(57) Abstract: An attachment for a catheter assembly may include a platform, which may include an upper surface and a bottom surface. The bottom surface may be configured to contact skin of a patient. At least a portion of the upper surface may be configured to support the catheter assembly. The upper surface may support the catheter assembly at an angle with respect to skin of the patient that is approximately equal to an insertion angle of a catheter of the catheter assembly. The attachment may include a snap feature coupled to the upper surface of the platform. The attachment may include a blunt cannula extending distally from the snap feature. The blunt cannula and the portion of the upper surface may provide a generally straight pathway for an instrument inserted distally through the attachment into the catheter assembly.

[Continued on next page]



WO 2020/055582 A1

**Declarations under Rule 4.17:**

- *as to the applicant's entitlement to claim the priority of the earlier application (Rule 4.17(iii))*

**Published:**

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