

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

(19) World Intellectual Property
Organization
International Bureau

(43) International Publication Date
27 October 2022 (27.10.2022)



(10) International Publication Number
WO 2022/223979 A1

(51) International Patent Classification:

A61M 25/00 (2006.01) A61M 27/00 (2006.01)

(21) International Application Number:

PCT/GB2022/051011

(22) International Filing Date:

22 April 2022 (22.04.2022)

(25) Filing Language:

English

(26) Publication Language:

English

(30) Priority Data:

2105819.3 23 April 2021 (23.04.2021) GB

(71) Applicant: **CONVATEC LIMITED** [GB/GB]; GDC,
First Avenue, Deeside, Flintshire CH5 2NU (GB).

(72) Inventors: **PIASHEVICH, Aliaksandr**; c/o ConvaTec
Limited, GDC, First Avenue, Flintshire CH5 2NU (GB).
NOVAK, Marian; c/o ConvaTec Limited, GDC, First Avenue,
Flintshire CH5 2NU (GB). **D'ANNIBALE, Jarrod**;
c/o Plastics Services Network (PSN), 5368 Kuhl Road, Erie,

Pennsylvania 16510 (US). **LINDEN, Corey**; c/o Plastics
Services Network (PSN), 5368 Kuhl Road, Erie, Pennsyl-
vania 16510 (US). **DEDIONISIO, Tony**; c/o Plastics Ser-
vices Network (PSN), 5368 Kuhl Road, Erie, Pennsylvania
16510 (US). **BRYANT, Jason**; c/o Plastics Services Net-
work (PSN), 5368 Kuhl Road, Erie, Pennsylvania 16510
(US).

(74) Agent: **WILSON GUNN (MANCHESTER)**; 5th Floor,
Blackfriars House, The Parsonage, Manchester, Lancashire
M3 2JA (GB).

(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, IT, JM, 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, ST, SV, SY, TH, TJ, TM,

(54) Title: INTERMITTENT CATHETER

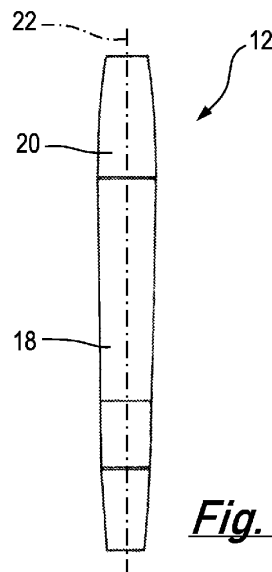


Fig. 1b

(57) Abstract: An intermittent catheter (16), preferably an urinary intermittent catheter, is provided in an assembly (10). The assembly may include a cap (20) which may be attachable to the base (18) of the assembly in use, and/or a seal which misaligns with sealing surfaces of a chamber wall and a moveable insert (14) in use. It may have a two-step deployment, and/or a sheath that pulls out a storage chamber (28). Internal and external housing may define the storage chamber. The housing may have a filling aperture and/or the storage chamber may comprise an insert configured to move axially in response to rotation.

[Continued on next page]

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, 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).

Published:

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