



## (51) International Patent Classification:

*A61B 5/07* (2006.01) *A61M 31/00* (2006.01)  
*B65D 81/22* (2006.01)

## (21) International Application Number:

PCT/US2012/052463

## (22) International Filing Date:

27 August 2012 (27.08.2012)

## (25) Filing Language:

English

## (26) Publication Language:

English

## (30) Priority Data:

61/527,482 25 August 2011 (25.08.2011) US

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(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, DK, DM,

DO, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, GT, HN, HR, HU, ID, IL, IN, IS, JP, KE, KG, KM, KN, KP, KR, KZ, LA, LC, LK, LR, LS, LT, LU, LY, MA, MD, ME, MG, MK, MN, MW, MX, MY, MZ, NA, NG, NI, NO, NZ, OM, PE, PG, PH, PL, PT, QA, RO, RS, RU, RW, 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, 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, ML, MR, NE, SN, TD, TG).

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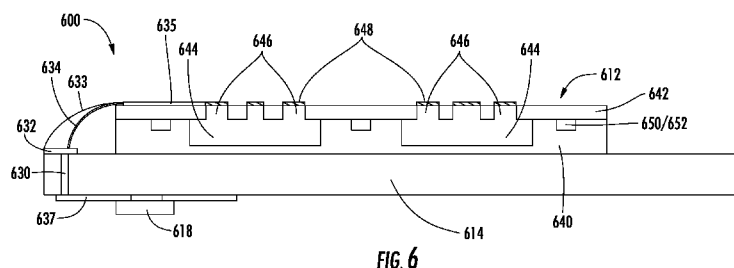
— as to applicant's entitlement to apply for and be granted a patent (Rule 4.17(ii))

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## Published:

— without international search report and to be republished upon receipt of that report (Rule 48.2(g))

(54) Title: SPACE-EFFICIENT CONTAINMENT DEVICES AND METHOD OF MAKING SAME



(57) Abstract: Containment devices and methods of manufacture and assembly are provided, in an embodiment, the device includes at least one microchip element, which includes a containment reservoir that can be electrically activated to open, and a first electronic printed circuit board (PCB) which comprises a biocompatible substrate. The first PCB may have a first side on which one or more electronic components are fixed and an opposed second side on which the microchip element is fixed in electrical connection to the one or more electronic components. The device may further include a second PCB and a housing ring securing the first PCB together with the second PCB. The microchip element may include a plurality of containment reservoirs, which may be microreservoirs, and/or which may contain a drug formulation or a sensor element.

