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

(19) World Intellectual Property Organization
International Bureau

(43) International Publication Date
3 December 2015 (03.12.2015)

WIPO | PCT

(10) International Publication Number
WO 2015/183177 A1

(51) International Patent Classification:
A61M 16/00 (2006.01) *A61M 16/20* (2006.01)
A61M 16/06 (2006.01)

(21) International Application Number:
PCT/SG2014/000228

(22) International Filing Date:
26 May 2014 (26.05.2014)

(25) Filing Language: English

(26) Publication Language: English

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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, IR, IS, JP, KE, KG, 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, 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, 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).

Declarations under Rule 4.17:

— *of inventorship (Rule 4.17(iv))*

Published:

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

(54) Title: RESPIRATORY DEVICE WITH UNIDIRECTIONAL VALVE FOR ATTACHING ACTIVE VENTING SYSTEM

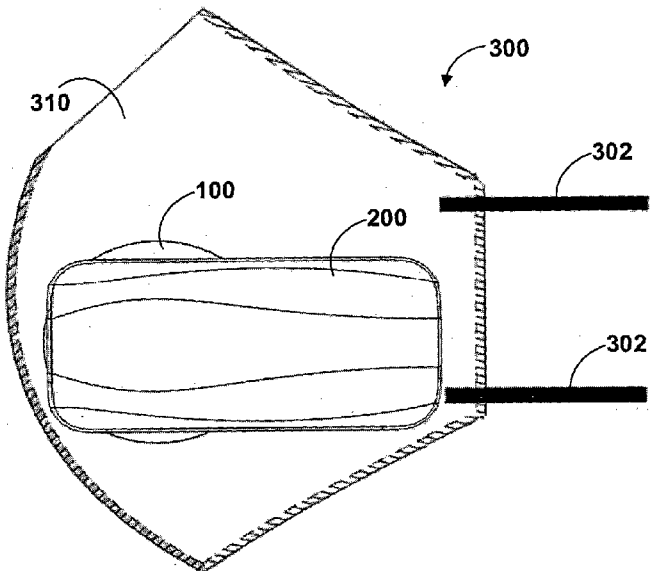


FIG. 10

(57) Abstract: Discloses a respiratory device comprising a mask positioned around the mouth and nose of a wearer to form a relative closed area sealed from the ambient air, at least one unidirectional valve for mounting of an active venting system, installed onto the mask for exhausting warm, moist exhaled air from the interior space of the respirators and at least one active venting system attached onto the valve and operated during the exhalation cycle. The top housing of the unidirectional valve has an attachment member for attaching the active venting system onto it. The active venting system can be attachable or detachable onto the valve. The valve attached with active venting system together effectively and quickly exchanges the air from the interior of the mask during exhalation cycle. When the AVS is not attached onto the valve, a simple valve cap can be attached on instead, for aesthetic purposes.

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