

(19) World Intellectual Property Organization
International Bureau



(43) International Publication Date
31 December 2008 (31.12.2008)

PCT

(10) International Publication Number
WO 2009/003057 A1

(51) International Patent Classification:
B03C 3/00 (2006.01)

(21) International Application Number:

PCT/US2008/068225

(22) International Filing Date: 25 June 2008 (25.06.2008)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:

60/946,267 26 June 2007 (26.06.2007) US
61/057,742 30 May 2008 (30.05.2008) 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, BR, BW, BY, BZ, CA, CH, 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, PG, PH, PL, PT, RO, RS, RU, SC, SD, SE, SG, SK, SL, SM, SV, SY, 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, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HR, HU, IE, IS, IT, LT, LU, LV, MC, MT, NL, NO, PL, PT, RO, SE, SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

Published:

— with international search report

(54) Title: DEVICES AND METHODS FOR DECREASING HUMAN PATHOGEN TRANSMISSION

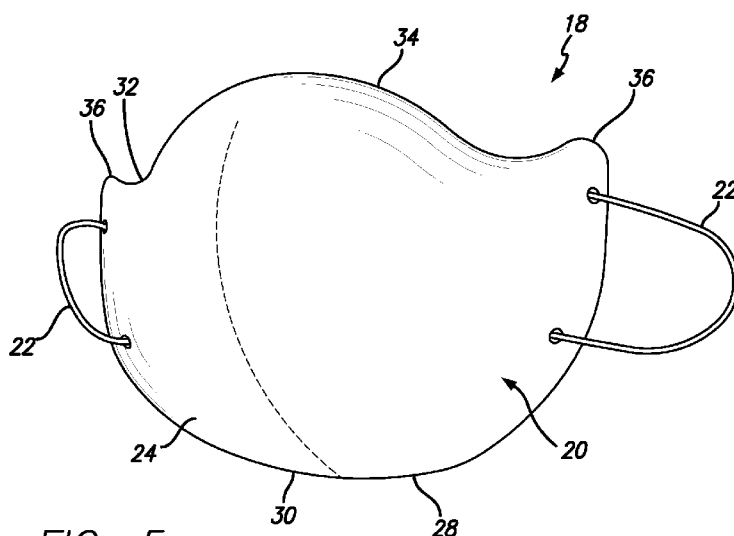


FIG. 5

(57) Abstract: A facial mask for use in decreasing the transmission of one or more than one human pathogen to and from a human wearer of the facial mask, the facial mask comprising a facepiece; where the facepiece comprises three or more than three layers; where one or more than one of the three or more than three layers comprises a fabric comprising one or more than one binding substance comprising one or more than one human pathogen binding group for chemically attaching the human pathogen to the binding substance; where the fabric further comprises one or more than one type of multivalent metallic ion or metallic salt; and where one or more than one of the three or more than three layers comprises a heat-moldable fabric.

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