



(43) International Publication Date
15 August 2013 (15.08.2013)

(10) International Publication Number
WO 2013/119509 A1

(51) International Patent Classification:

A61M 5/14 (2006.01) A61M 39/20 (2006.01)
A61M 31/00 (2006.01)

(21) International Application Number:

PCT/US2013/024651

(22) International Filing Date:

4 February 2013 (04.02.2013)

(25) Filing Language:

English

(26) Publication Language:

English

(30) Priority Data:

61/595,635 6 February 2012 (06.02.2012) US
13/757,465 1 February 2013 (01.02.2013) US

(71) Applicant: **HYPROTEK, INC.** [US/US]; 4219 E. 65th
Avenue, Spokane, WA 99223-1806 (US).

(72) Inventor: **TENNICAN, Patrick, O.**; 4219 East 65th Av-
enue, Spokane, WA 99223 (US).

(74) Agents: **BREEZE, Samuel, F.** et al.; Lee & Hayes, PLLC,
601 W. Riverside Ave, Suite 1400, Spokane, WA 99201
(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, 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, PA, 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).

Published:

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

(54) Title: COMBINED CAP APPLICATORS

(57) Abstract: This disclosure describes example combine cap applicator and protective devices that may be used in combination with one or more cleansing, antimicrobial and/or antiseptic agents to reduce or eliminate contaminants on a surface. According to some embodiments, the disclosure describes that the combine cap applicators may comprise a first and second cap where each cap contains an applicator. According to some embodiments, the applicator may be coated or infused with a cleansing, antimicrobial or antiseptic agents for use on a surface.



WO 2013/119509 A1