



(43) International Publication Date
2 April 2015 (02.04.2015)

(10) International Publication Number
WO 2015/048797 A1

- (51) International Patent Classification:
C09D 5/00 (2006.01) *C09D 133/06* (2006.01)
- (21) International Application Number:
PCT/US2014/058444
- (22) International Filing Date:
30 September 2014 (30.09.2014)
- (25) Filing Language: English
- (26) Publication Language: English
- (30) Priority Data:
61/884,933 30 September 2013 (30.09.2013) US
- (71) Applicant: **CERTAINTED CORPORATION**
[US/US]; 750 Swedesford Road, Valley Forge,
Pennsylvania 19482 (US).
- (72) Inventors: **MARTIN, Darran, L.**; 247 Ash Ln, Lafayette
Hill, Pennsylvania 19444 (US). **BOYD, Alan, Lane**; 122
Lincoln Road, Collegeville, Pennsylvania 19426 (US).
- (74) Agents: **WEBER, Thomas, P.** et al.; Abel Law Group,
LLP, 8911 N. Capital of Texas Hwy, Bldg. 4, Suite 4200,
Austin, Texas 78759 (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, IR, IS, JP, KE, KG, KN, KP, KR,
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, 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, 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).

Declarations under Rule 4.17:

- *as to applicant's entitlement to apply for and be granted a
patent (Rule 4.17(ii))*
- *as to the applicant's entitlement to claim the priority of the
earlier application (Rule 4.17(iii))*

Published:

- *with international search report (Art. 21(3))*
- *before the expiration of the time limit for amending the
claims and to be republished in the event of receipt of
amendments (Rule 48.2(h))*

(54) Title: STAIN REPELLENT AND VOC ELIMINATING COATINGS AND USE THEREOF

(57) Abstract: A coating dispersion or building article can include titanium dioxide, and a dihydrazide. The coating dispersion or building article can further include calcium carbonate, calcined aluminum silicate, acrylic polymers, and a fluoroalkyl polymer.



WO 2015/048797 A1