



- (51) International Patent Classification: Not classified
- (21) International Application Number:
PCT/US2012/043933
- (22) International Filing Date:
25 June 2012 (25.06.2012)
- (25) Filing Language: English
- (26) Publication Language: English
- (30) Priority Data:
61/503,204 30 June 2011 (30.06.2011) US
- (71) Applicant (for all designated States except US): **3M INNOVATIVE PROPERTIES COMPANY** [US/US]; 3M Center, Post Office Box 33427, Saint Paul, Minnesota 55133-3427 (US).
- (72) Inventors; and
- (75) Inventors/Applicants (for US only): **THEIS, Daniel, J.** [US/US]; 3M Center, Post Office Box 33427, Saint Paul, Minnesota 55133-3427 (US). **O'HARE, Jonathan, J.** [US/US]; 3M Center, Post Office Box 33427, Saint Paul, Minnesota 55133-3427 (US). **PEKUROVSKY, Mikhail, L.** [US/US]; 3M Center, Post Office Box 33427, Saint

Paul, Minnesota 55133-3427 (US). **MEEHAN, Daniel, P.** [US/US]; 3M Center, Post Office Box 33427, Saint Paul, Minnesota 55133-3427 (US).

- (74) Agents: **BAUM, Scott, A.** et al.; 3M Center, Office of Intellectual Property Counsel, Post Office Box 33427, Saint Paul, Minnesota 55133-3427 (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, 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,

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- (54) Title: APPARATUS AND METHOD FOR MICROCONTACT PRINTING ON INDEFINITE LENGTH WEBS

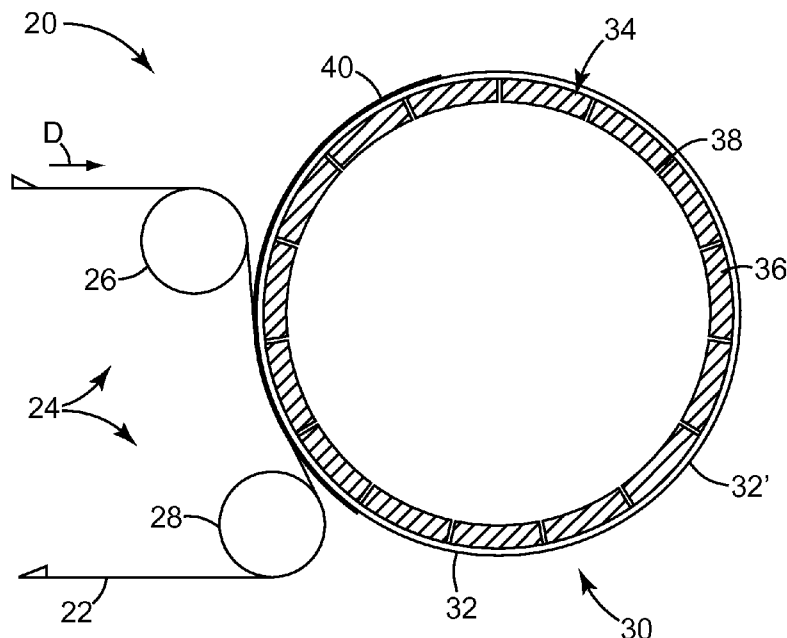


FIG. 1

(57) Abstract: An apparatus and a method for micro-contact printing on a substrate. A roll having very low drag is supported for rotation by air bearings and has a micro-contact printing stamp mounted to its outer surface. Contact between the substrate and the micro-contact printing stamp drives the roll and repeatedly imprints the pattern onto the web. In convenient embodiments, the roll is a sleeve positioned over a core with the sleeve supported for rotation by a layer of air between the sleeve and the core.



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).

— *as to the applicant's entitlement to claim the priority of
the earlier application (Rule 4.17(iii))*

Declarations under Rule 4.17:

— *as to applicant's entitlement to apply for and be granted
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Published:

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