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(21) International Application Number: PCT/US97/21427 (22) International Filing Date: 25 November 1997 (25.11.97) (30) Priority Data: ① 60/031,759 ✓ 26 November 1996 (26.11.96) ✓ US ✓ ② 08/961,458 ✓ 30 October 1997 (30.10.97) ✓ US ✓ (71) Applicant: ① KIMBERLY-CLARK WORLDWIDE, INC. ✓ [US/US]; 401 North Lake Street, Neenah, WI 54956 (US). (72) Inventors: Hsu, Jay, Chiehlung; 615 Portico Point, Alpharetta, GA 30022 (US) ✓ ② LAKHANI, Nauman, Nooral; 610 Camber Woods Drive, Roswell, GA 30076 (US). ✓ (74) Agents: RULAND, James, E. et al.; Kimberly-Clark World- wide, Inc., 401 North Lake Street, Neenah, WI 54956 (US).		(81) Designated States: AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DE, DK, EE, ES, FI, GB, GE, GH, HU, ID, IL, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, <u>SG</u> , SI, SK, SL, TJ, TM, TR, TT, UA, UG, UZ, VN, YU, ZW, ARIPO patent (GH, KE, LS, MW, SD, SZ, UG, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, CH, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, ML, MR, NE, SN, TD, TG). Published With international search report. ✓ 2 P.D.s 1 appl. 2 Invs.
(54) Title: METHOD OF MAKING SANITARY PAPER PRODUCTS FROM RECYCLED NEWSPAPERS ✓		
(57) Abstract A method of making sanitary paper products from recycled newspapers. The method includes the steps of: (a) pulping newspapers in water with agitation to produce a pulp slurry, the pulp from the newspapers having an average fines content of greater than about 40 % and a Canadian Standard Freeness of less than about 250; (b) washing the pulp, whereby the fines content is reduced to less than about 35 % and the Canadian Standard Freeness is increased to more than about 300; (c) introducing the treated pulp at a papermaking consistency into the headbox of a paper making machine; (d) adding from about 0.01 % to about 1.5 % of a surfactant system to the treated pulp; and (e) utilizing the treated pulp in a paper making process to produce sanitary paper products.		