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(51) International Patent Classification ⁶ : A61F 13/15, B32B 27/12, D04H 1/54, D21H 15/10		A1	(11) International Publication Number: WO 98/51250 (43) International Publication Date: 19 November 1998 (19.11.98)															
(21) International Application Number: PCT/US98/09475 (22) International Filing Date: 9 May 1998 (09.05.98) (30) Priority Data: <table><tr><td>60/046,480</td><td>14 May 1997 (14.05.97)</td><td>US</td></tr><tr><td>60/046,701</td><td>14 May 1997 (14.05.97)</td><td>US</td></tr><tr><td>09/047,778</td><td>25 March 1998 (25.03.98)</td><td>US</td></tr><tr><td>60/079,657</td><td>27 March 1998 (27.03.98)</td><td>US</td></tr><tr><td>09/072,172</td><td>5 May 1998 (05.05.98)</td><td>US</td></tr></table> (71) Applicant: KIMBERLY-CLARK WORLDWIDE, INC. [US/US]; 401 North Lake Street, Neenah, WI 54956 (US). (72) Inventors: BURNES, Andrew, Scott; 121 Chantilly Lane, Lawrenceville, GA 30245 (US). DILNIK, Rebecca, Lyn; 9027 North Oakwood Avenue, Neenah, WI 54956 (US). HETZLER, Connie, Lynn; 20 Boulder Ridge Crossing, Sparta, NJ 07871 (US). JORGENSEN, Thomas, Patrick; 1224 Tullar Road, Neenah, WI 54956 (US). MACE, Tamara, Lee; 3388 Colquitt Drive, Doraville, GA 30340 (US). MATELA, David, Michael; 4018 Calibre Creek Parkway, Roswell, GA 30076 (US). NELSON, Jayne, Bramstedt; 331 Brantwood Drive, Neenah, WI 54956 (US). SAWYER, Lawrence, Howell; 245 Spearfield Trace, Roswell, GA 30075 (US). SCHMIDT-FOERST, Alexan-			60/046,480	14 May 1997 (14.05.97)	US	60/046,701	14 May 1997 (14.05.97)	US	09/047,778	25 March 1998 (25.03.98)	US	60/079,657	27 March 1998 (27.03.98)	US	09/072,172	5 May 1998 (05.05.98)	US	der, Manfred; 1404 North Superior Street, Appleton, WI 54911 (US). SOREBO, Heather, Anne; 2922 Glen Park Drive, Appleton, WI 54914 (US). SPIERS, James, Allyn; 1505 Heritage Cove, Acworth, GA 30102 (US). WALKER, Laura, Jane; 2126 Cloudview Court, Appleton, WI 54914 (US). ABBA, Rodney, Lawrence; 3645 Shangrila Point, Oshkosh, WI 54904-9508 (US). CHAPPELL, Charles, John; W6781 Fire Lane 5, Menasha, WI 54952 (US). FINCH, Valerie, Victoria; 2052 Henry Street, Neenah, WI 54956 (US). GIENCKE, Ann, Marie; Apartment 17, 1325 Lucerne Drive, Menasha, WI 54952 (US). KOTTEK, Michael, Brent; 516 Emerson Street, Neenah, WI 54956 (US). KRUEGER, Allan, James; 604 Twin Harbor Drive, Winneconne, WI 54986 (US). LAKE, Andrew, Michael; 501 Jerelyn Court, Combined Locks, WI 54113 (US). LEE, Mee, Wha; 911 East Atlantic Street, Appleton, WI 54911 (US). LONG-RADLOFF, Sarah, Elizabeth; 1628 W. Packard Street, Appleton, WI 54914 (US). NELSEN, Janice, Gall; 128 Pine Court, Appleton, WI 54915 (US). VANEVENHOVEN, Ann, Margaret; Apartment 319, 415 South Olde Oneida, Appleton, WI 54911 (US). KOLLIN, Nancy, Donaldson; 315 Woodchuck Court, Roswell, GA 30076 (US). LEACH, Crystal, Sutphin; 2214 Peachtree Road #B-5, Atlanta, GA 30309 (US). LINDON, Jack, Nelson; 14810 East Bluff Road, Alpharetta, GA 30201 (US). WOLTMAN, Garry, Roland; 1207 Meadow Lane, Neenah, WI 54956 (US). (74) Agents: ROBINSON, James, B. et al.; Kimberly-Clark Worldwide, 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, GM, GW, 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, SG, SI, SK, SL, TJ, TM, TR, TT, UA, UG, UZ, VN, YU, ZW, ARIPO patent (GH, GM, KE, LS, MW, SD, SZ, UG, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, CH, CY, 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 <i>With international search report.</i>
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(54) Title: STABILIZED ABSORBENT MATERIAL AND SYSTEMS FOR PERSONAL CARE PRODUCTS HAVING CONTROLLED PLACEMENT OF VISCO-ELASTIC FLUIDS																		
(57) Abstract There is provided a distribution material for personal care products which is a fabric which wicks artificial menses according to a horizontal wicking test a distance of about 1 inch in less than about 1.5 minutes. Materials meeting this performance criteria generally have a pore size distribution with a high percentage (usually more than 50 percent) of pore diameters between about 80 and 400 microns and a density below about 0.15 g/cc. There is also provided a personal care product system having a distribution/retention layer and a pad shaping layer wherein each layer has a stain length ratio of 0.5 or less and the distribution/retention layer has a saturation profile of 4 or less.																		

