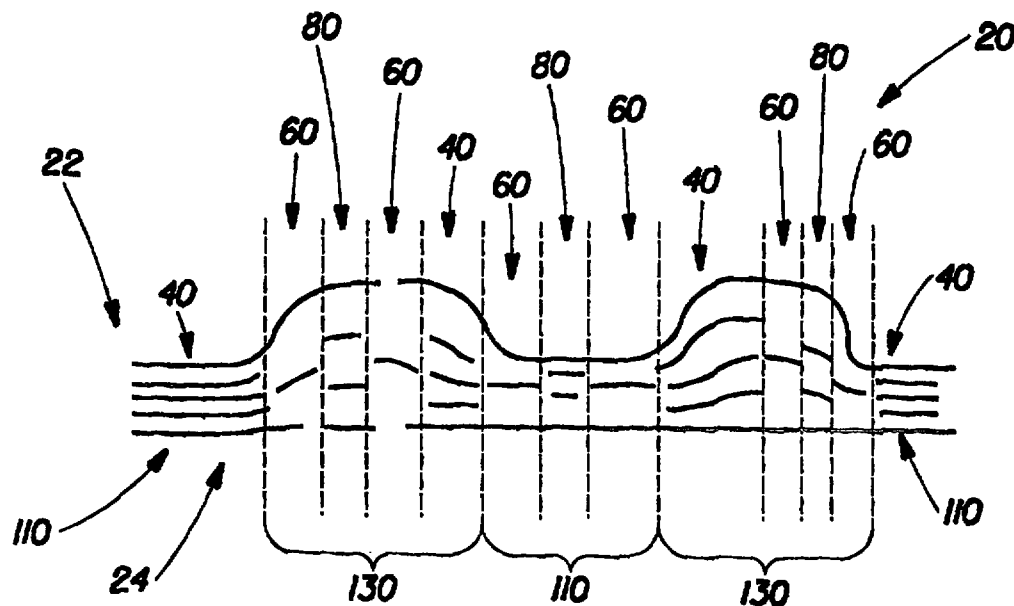


INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(51) International Patent Classification ⁶ : D21F 11/00	A1	(11) International Publication Number: WO 99/10597	
(21) International Application Number: PCT/IB98/01234		(43) International Publication Date: 4 March 1999 (04.03.99)	
(22) International Filing Date: 14 August 1998 (14.08.98)		(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, 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, GW, ML, MR, NE, SN, TD, TG).	
(30) Priority Data: 08/916,433 22 August 1997 (22.08.97) US			
(71) Applicant: THE PROCTER & GAMBLE COMPANY [US/US]; One Procter & Gamble Plaza, Cincinnati, OH 45202 (US).			
(72) Inventors: PHAN, Dean, Van; 6512 Tylers Crossing, West Chester, OH 45069 (US). TROKHAN, Paul, Dennis; 1356 Warvel Road, Hamilton, OH 45013 (US).		Published With international search report.	
(74) Agents: REED, T., David et al.; The Procter & Gamble Company, 5299 Spring Grove Avenue, Cincinnati, OH 45217-1087 (US).			

(54) Title: PAPER STRUCTURES HAVING DIFFERENT BASIS WEIGHTS AND DENSITIES



(57) Abstract

A non-through air dried paper web and method of making such a paper web are disclosed. The paper web includes at least two regions of different density and at least two regions of different basis weight. In one embodiment, the paper web includes a relatively high basis weight continuous network region, a plurality of discrete, relatively low basis weight regions dispersed throughout the relatively high basis weight continuous network region, and a plurality of discrete, intermediate basis weight regions circumscribed by the relatively low basis weight regions.