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(21) International Application Number: PCT/US95/06863 (22) International Filing Date: 30 May 1995 (30.05.95) (30) Priority Data: 08/260,145 15 June 1994 (15.06.94) US (71) Applicant: THE PROCTER & GAMBLE COMPANY [US/US]; One Procter & Gamble Plaza, Cincinnati, OH 45202 (US). (72) Inventors: HERRON, Carlisle, Mitchell; 6581 Pepperell Lane, Cincinnati, OH 45236 (US). DEAN, Walter, Lee; 5226 Quince Road, Memphis, TN 38117 (US). (74) Agents: REED, T., David et al.; The Procter & Gamble Company, 5299 Spring Grove Avenue, Cincinnati, OH 45217 (US).		(81) Designated States: AM, AU, BB, BG, BR, BY, CA, CN, CZ, EE, FI, GE, HU, IS, JP, KG, KP, KR, KZ, LK, MR , LT, LV, MD, MG, MN, MX, NO, NZ, PL, RO, RU, SG, SI, SK, TJ, TT, UA, UZ, VN, European patent (AT, BE, CH, DE, DK, ES, 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), ARIPO patent (KE, MW, SD, SZ, UG). Published <i>With international search report. Before the expiration of the time limit for amending the claims and to be republished in the event of the receipt of amendments.</i> RTMP
(54) Title: ABSORBENT STRUCTURE CONTAINING INDIVIDUALIZED CELLULOSIC FIBERS CROSSLINKED WITH POLY-ACRYLIC ACID POLYMERS		
(57) Abstract Disclosed are individualized, crosslinked fibers, and processes for making such fibers, and absorbent structures containing the fibers. The individualized, crosslinked fibers have a polymeric polyacrylic acid crosslinking agent reacted with the fibers in the form of intrafiber crosslink bonds. Preferably, the crosslinking agent is a copolymer of acrylic acid and maleic acid and preferably, between about 1.0 weight % and about 10.0 weight % of the crosslinking agent reacts with the individualized fibers to form the intrafiber crosslink bonds. The individualized, crosslinked fibers are useful in a variety of absorbent structure applications. The absorbent structures may also contain hydrogel-forming material.		