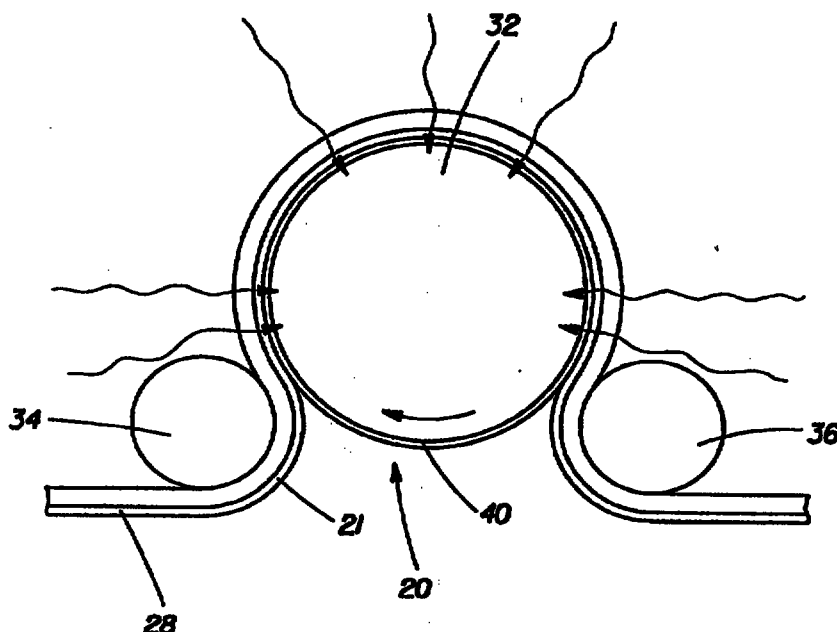




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(21) International Application Number: PCT/IB98/01437 (22) International Filing Date: 17 September 1998 (17.09.98) (30) Priority Data: 08/932,847 18 September 1997 (18.09.97) US (71) Applicant: THE PROCTER & GAMBLE COMPANY [US/US]; One Procter & Gamble Plaza, Cincinnati, OH 45202 (US). (72) Inventors: TROKHAN, Paul, Dennis; 1356 Warvel Road, Hamilton, OH 45013 (US). ENSIGN, Donald, Eugene; 7325 Kennedy Lane, Cincinnati, OH 45242 (US). STELL-JES, Michael, Gomer, Jr.; 8354 Ashley Hall Court, West Chester, OH 45069 (US). (74) Agents: REED, T., David et al.; The Procter & Gamble Company, 5299 Spring Grove Avenue, Cincinnati, OH 45217-1087 (US).		(81) Designated States: AL, AM, AT, AT (Utility model), AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, CZ (Utility model), DE, DE (Utility model), DK, DK (Utility model), EE, EE (Utility model), ES, FI, FI (Utility model), GB, GE, GH, GM, HR, 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, SK (Utility model), 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). Published <i>With international search report.</i>

(54) Title: PROCESS OF REDUCING WET PRESSURE DROP IN A LIMITING ORIFICE DRYING MEDIUM AND A LIMITING ORIFICE DRYING MEDIUM MADE THEREBY

**(57) Abstract**

An apparatus for drying a cellulosic fibrous structure. The apparatus comprises a micropore medium having pores therethrough. The pores are the limiting orifice in the air flow used in the drying process. The micropore medium has a relatively low pressure drop therethrough. This relatively low pressure drop advantageously reduces the energy costs used in drying, and/or allows for greater drying to be obtained at constant energy costs.