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(21) International Application Number: PCT/US00/00763 (22) International Filing Date: 12 January 2000 (12.01.00) (30) Priority Data: 09/248,591 11 February 1999 (11.02.99) US (71) Applicant: HYDROMER, INC. [US/US]; 35 Columbia Road, Branchburg, NJ 08876 (US). (72) Inventor: EKNOIAN, Michael; 115 Pulaski Street, Newark, NJ 07105 (US). (74) Agent: BARON, Ronald, J.; Hoffmann & Baron, LLP, 6900 Jericho Turnpike, Syosset, NY 11791 (US).	(81) Designated States: AE, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CR, CU, CZ, DE, DK, DM, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, UZ, VN, YU, ZA, ZW, ARIPO patent (GH, GM, KE, LS, MW, SD, SL, SZ, TZ, 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: GELS FORMED BY THE INTERACTION OF POLY(ALDEHYDE) WITH VARIOUS SUBSTANCES		
(57) Abstract The present invention, which addresses the needs of the prior art, provides irreversible, hydrophilic gels which can be incorporated into dressing compositions, dermatologically compatible compositions, wound packings, wound dressings, burn dressings, drug delivery dressings, dry films, cosmetic masks and cosmetic wrap dressings. The gels of the invention include a blend of a hydrophilic poly(aldehyde) and a polymer selected from the group consisting of a poly(amide), a poly(amide) and a poly(alcohol).		