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(21) International Application Number: PCT/US98/13592 (22) International Filing Date: 10 July 1998 (10.07.98) (30) Priority Data: 08/893,464 11 July 1997 (11.07.97) US (71) Applicant (for all designated States except US): PENICK CORPORATION [US/US]; c/o Dr. Bao-Shan Huang, 158 Mt. Olivet Avenue, Newark, NJ 07114-2114 (US). (72) Inventors; and (75) Inventors/Applicants (for US only): HUANG, Bao-Shan [US/US]; 158 Mt. Olivet Avenue, Newark, NJ 07114-2114 (US). CHRISTODOULOU, Aris [US/US]; 137 East 66th Street, New York, NY 10021 (US). LU, Yansong [CN/US]; 11 Skytop Road, Edison, NJ 08820 (US). JI, Ben-Yi [CN/US]; 108 East Calvert Avenue, Edison, NJ 08820 (US). (74) Agent: WAYNE, Milton, J.; Burgess, Ryan & Wayne, Suite 2105, 370 Lexington Avenue, New York, NY 10017 (US).		(81) Designated States: AL, AM, AT, AU, AZ, BB, BG, BR, BY, CA, CH, CN, CZ, DE, DK, EE, ES, FI, GB, GE, HU, IL, IS, JP, KE, KG, KP, KR, KZ, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, TJ, TM, TR, TT, UA, UG, US, UZ, VN, 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: PREPARATION OF OXYMORPHONE, OXYCODONE AND DERIVATIVES (57) Abstract The invention provides processes for the conversion of normorphinone and its derivatives, which can be synthesized from morphine, to the corresponding 14-hydroxynormorphinone and its derivatives including oxycodone, oxymorphone, noroxymorphone and naltrexone. Noroxymorphone is a key intermediate for the production of important narcotic analgesics and antagonists. The invention also provides certain novel intermediates.		