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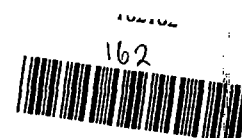
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(21) International Application Number: PCT/US99/18961 (22) International Filing Date: 19 August 1999 (19.08.99) (30) Priority Data: 60/097,151 19 August 1998 (19.08.98) US 60/099,746 10 September 1998 (10.09.98) US (63) Related by Continuation (CON) or Continuation-in-Part (CIP) to Earlier Applications US 60/097,151 (CON) Filed on 19 August 1998 (19.08.98) US 60/099,746 (CON) Filed on 10 September 1998 (10.09.98) (71) Applicant (for all designated States except US): ELI LILLY AND COMPANY [US/US]; Lilly Corporate Center, Indianapolis, IN 46285 (US). (72) Inventor; and (75) Inventor/Applicant (for US only): HOCK, Janet, M. [US/US]; 7702 Candlewood Lane, Indianapolis, IN 46250 (US).		(74) Agent: DAIGNAULT, Ronald, A.; Merchant & Gould PC, 3100 Norwest Center, 90 South Seventh Street, Minneapolis, MN 55402-4131 (US). (81) Designated States: AE, 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, GD, GE, GH, GM, HR, HU, ID, IL, IN, 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, US, UZ, VN, YU, ZA, ZW, ARIPO patent (GH, GM, KE, LS, MW, SD, SL, 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> <i>Before the expiration of the time limit for amending the claims and to be republished in the event of the receipt of amendments.</i>	
(54) Title: METHOD OF INCREASING BONE TOUGHNESS AND STIFFNESS AND REDUCING FRACTURES			
(57) Abstract The invention relates to a method for increasing the toughness and/or stiffness of bone and/or reducing the likelihood and/or severity of bone fracture by administering a parathyroid hormone. The method can be employed to increase toughness or stiffness of bone at a site of a potential or actual trauma, such as the hip or spine of a person at risk of or suffering from osteoporosis. The method of the invention can reduce the incidence of vertebral fracture, reduce the incidence of multiple vertebral fractures, reduce the severity of vertebral fracture, and/or reduce the incidence of non-vertebral fracture.			



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