

CORRECTED VERSION

(19) World Intellectual Property  
Organization  
International Bureau



(43) International Publication Date  
19 February 2004 (19.02.2004)

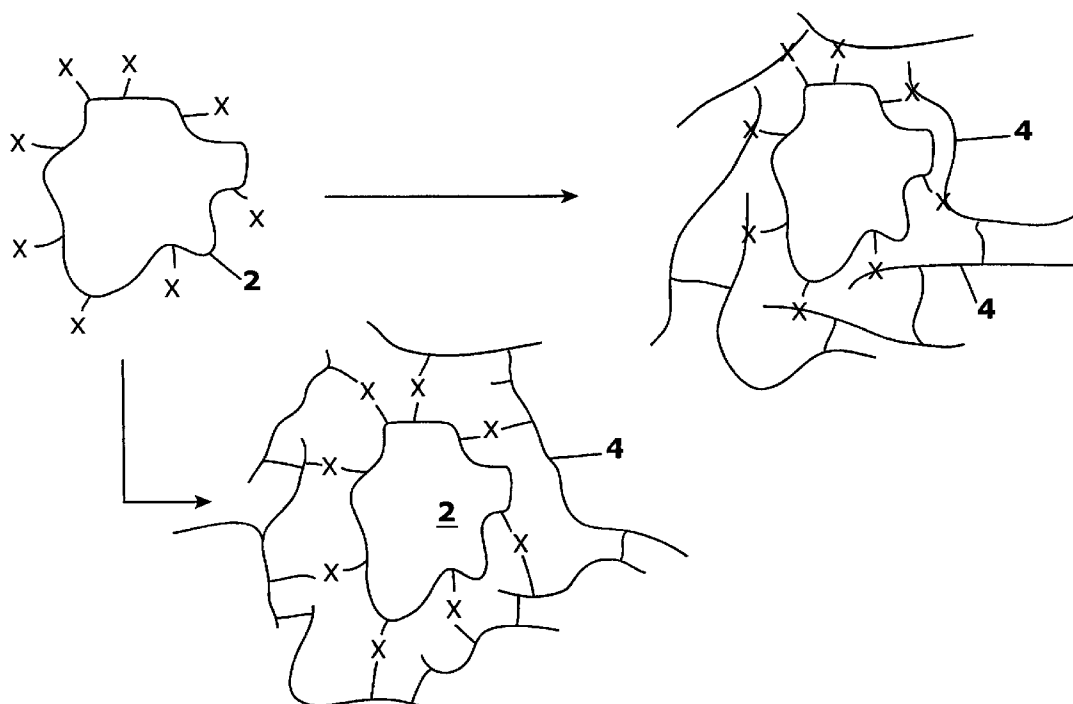
PCT

(10) International Publication Number  
**WO 2004/014452 A2**

- (51) International Patent Classification<sup>7</sup>: **A61L 31/00**
- (21) International Application Number:  
PCT/US2003/025417
- (22) International Filing Date: 12 August 2003 (12.08.2003)
- (25) Filing Language: English
- (26) Publication Language: English
- (30) Priority Data:  
60/402,998 12 August 2002 (12.08.2002) US
- (71) Applicant (for all designated States except US): **OS-TEOTECH, INC.** [US/US]; 51 James Way, Eatontown, NJ 07724 (US).
- (72) Inventors; and
- (75) Inventors/Applicants (for US only): **SHIMP, Lawrence, A.** [US/US]; 313 Route 79, Morganville, NJ 07751 (US). **WINTERBOTTOM, John, M.** [US/US]; 11 Ryans Way, Jackson, NJ 08527 (US). **BOYCE, Todd, M.** [US/US]; 515 Wellington Place, Aberdeen, NJ 07747 (US). **KNAACK, David** [US/US]; 2 Bristel Road, Holmdel, NJ 07733-2717 (US).
- (74) Agent: **ROSEN, Valarie, B.**; Choate, Hall & Stewart, Exchange Place, 53 State Street, Boston, MA 02109 (US).
- (81) Designated States (*national*): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, 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, MZ, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.
- (84) Designated States (*regional*): ARIPO patent (GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).
- Published:**  
— without international search report and to be republished upon receipt of that report

[Continued on next page]

(54) Title: SYNTHESIS OF A BONE-POLYMER COMPOSITE MATERIAL



(57) Abstract: A method of producing a bone-polymer composite. The method comprises the steps of providing a plurality of bone particles, combining the bone particles with a polymer precursor, and polymerizing the polymer precursor.

WO 2004/014452 A2



**(48) Date of publication of this corrected version:**

10 June 2004

*For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.*

**(15) Information about Correction:**

see PCT Gazette No. 24/2004 of 10 June 2004, Section II