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(21) International Application Number: PCT/GB97/02620 (22) International Filing Date: 25 September 1997 (25.09.97) (30) Priority Data: 9619943.5 25 September 1996 (25.09.96) GB (71)(72) Applicant and Inventor: PECKITT, Ninian [GB/GB]; St. Chad's House, Hooton Pagnell, Doncaster DN5 7BW (GB). (74) Agent: MURGITROYD & COMPANY; 373 Scotland Street, Glasgow G5 8QA (GB).		(81) Designated States: AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DE, DK, EE, ES, FI, GB, GE, GH, 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, SL, TJ, TM, TR, TT, UA, UG, US, UZ, VN, YU, ZW, ARIPO patent (GH, KE, LS, MW, SD, SZ, UG, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, CH, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, ML, MR, NE, SN, TD, TG). Published <i>Without international search report and to be republished upon receipt of that report.</i>

(54) Title: PROSTHETIC IMPLANTS**(57) Abstract**

A prosthetic implant (18) to replace damaged or diseased bone (12), especially in the maxillofacial region, is produced by producing a digital representation of the region of interest by CAT scan, using the data to create a model by stereolithography, and using the data also to produce the implant (18) by CNC machining. The implant (18) is an entire replacement of parts excised surgically, without need for reconstructing bone or soft tissue.

