

(19) World Intellectual Property
Organization
International Bureau



(43) International Publication Date
14 April 2005 (14.04.2005)

PCT

(10) International Publication Number
WO 2005/032396 A1

(51) International Patent Classification⁷: **A61C 7/08**

(21) International Application Number:
PCT/AU2004/001296

(22) International Filing Date:
22 September 2004 (22.09.2004)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:
2003905455 3 October 2003 (03.10.2003) AU

(71) Applicant and

(72) Inventor: **DA CRUZ, Joseph** [AU/AU]; 6/2 Rutledge
Plaza, Queanbeyan, New South Wales 2620 (AU).

(74) Agents: **HENSHAW, Damon** et al.; Davies Collison Cave,
1 Nicholson Street, Melbourne, Victoria 3000 (AU).

(81) Designated States (*unless otherwise indicated, for every
kind of national protection available*): AE, AG, AL, AM,

AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN,
CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, 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, NA, 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.

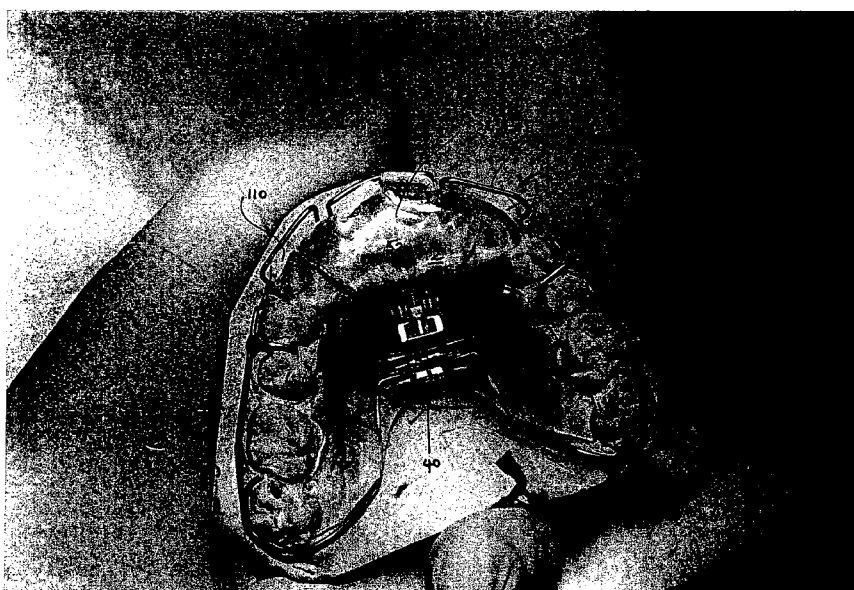
(84) Designated States (*unless otherwise indicated, for every
kind of regional protection available*): ARIPO (BW, GH,
GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM,
ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM),
European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI,
FR, GB, GR, HU, IE, IT, LU, MC, NL, PL, PT, RO, SE, SI,
SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ,
GW, ML, MR, NE, SN, TD, TG).

Published:

— with international search report

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

(54) Title: DENTAL APPLIANCE



(57) Abstract: A removable dental appliance (10) having a base (12) adapted for locating inside of an arch of teeth of a wearer and an arch wire (14) coupled to the base, wherein an outer surface of the base (20) is contoured for contact with inner surfaces of the teeth (17), and wherein when in use the arch wire (14) extends around an outer periphery of a set of the wearer's teeth such that no interconnection between the arch wire and the base exists intermediate the set of teeth.

WO 2005/032396 A1