ABUTMENT FOR DENTAL IMPLANT

Inventors: Niklas Lidskog, Concord, ME (US); Nils Gustav Bergström, Våghärad (SE)

Assignee: Astra Tech AB, Molndal (SE)

Term: 14 Years

Filed: Nov. 1, 2001

LOC (7) Cl. ................................................. 24-03

U.S. Cl. .................................................. D24/156

Field of Search ..................... D24/156; 433/172-174

References Cited

U.S. PATENT DOCUMENTS

4,177,562 A 12/1979 Miller et al.
4,575,340 A 3/1986 Lustig
4,738,623 A 4/1988 Driskell
4,955,811 A 9/1990 Lazzara et al.
4,995,810 A 2/1991 Söderberg
5,125,841 A 6/1992 Carlsson et al.
5,334,024 A 8/1994 Niznick
5,376,004 A 12/1994 Mena
5,734,080 S * 9/1996 Broberg .................. D24/156
5,662,476 A 9/1997 Ingber et al.
5,688,123 A 11/1997 Meiers et al.
5,762,500 A 6/1998 Lazzaro
5,779,480 A 7/1998 Groll et al.
5,816,809 A 10/1998 Sapkos
5,829,981 A 11/1998 Ziegler
5,899,695 A 5/1999 Lazzaro et al.
5,899,697 A 5/1999 Lazzaro et al.
5,904,483 A 5/1999 Wade
5,938,443 A 8/1999 Lazzaro et al.
5,964,591 A 10/1999 Beaty et al.
6,068,478 A 5/2000 Grande et al.
6,120,293 A 9/2000 Lazzaro et al.
6,142,782 A 11/2000 Lazzaro

FOREIGN PATENT DOCUMENTS

DE 31 10693 A1 9/1982
EP 0 190 670 A2 8/1986
EP 0 814 724 B1 1/1998
WO WO 99/04723 2/1999

OTHER PUBLICATIONS


* cited by examiner

Primary Examiner—Antoine Duval Davis
Attorney, Agent, or Firm—Birch, Stewart, Kolasch & Birch, LLP

CLAIM

The ornamental design for an abutment for dental implant, as shown and described.

DESCRIPTION

FIG. 1 is a front elevational view rotated 90° clockwise of an abutment for dental implant showing our new design;
FIG. 2 is a bottom plan view thereof;
FIG. 3 is a rear, top perspective view thereof;
FIG. 4 is a rear, bottom perspective view thereof;
FIG. 5 is a front elevational view thereof;
FIG. 6 is a front elevational view rotated 90° clockwise of an abutment for dental implant showing our new design;
FIG. 7 is a bottom plan view thereof;
FIG. 8 is a rear, top perspective view thereof;
FIG. 9 is a rear, bottom perspective view thereof;
FIG. 10 is a front plan view thereof;

FIG. 1
FIG. 11 is a front elevational view rotated 90° clockwise of an abutment for dental implant showing our new design;
FIG. 12 is a bottom plan view thereof;
FIG. 13 is a rear, top perspective view thereof;
FIG. 14 is a rear, bottom perspective view thereof;
FIG. 15 is a front plan view thereof;
FIG. 16 is a front elevational view rotated 90° clockwise of an abutment for dental implant showing our new design;
FIG. 17 is a bottom plan view thereof;
FIG. 18 is a rear, top perspective view thereof;
FIG. 19 is a rear, bottom perspective view thereof;
FIG. 20 is a front plan view thereof;
FIG. 21 is a front elevational view rotated 90° clockwise of an abutment for dental implant showing our new design;
FIG. 22 is a bottom plan view thereof;
FIG. 23 is a rear, top perspective view thereof;
FIG. 24 is a rear, bottom perspective view thereof;
FIG. 25 is a front plan view thereof;
FIG. 26 is a front elevational view rotated 90° clockwise of an abutment for dental implant showing our new design;
FIG. 27 is a bottom plan view thereof;
FIG. 28 is a rear, top perspective view thereof;
FIG. 29 is a rear, bottom perspective view thereof;
FIG. 30 is a front plan view thereof;
FIG. 31 is a front elevational view rotated 90° clockwise of an abutment for dental implant showing our new design;
FIG. 32 is a bottom plan view thereof;
FIG. 33 is a rear, top perspective view thereof;
FIG. 34 is a rear, bottom perspective view thereof;
FIG. 35 is a front plan view thereof;
FIG. 36 is a front elevational view rotated 90° clockwise of an abutment for dental implant showing our new design;
FIG. 37 is a bottom plan view thereof;
FIG. 38 is a rear, top perspective view thereof;
FIG. 39 is a rear, bottom perspective view thereof;
FIG. 40 is a front plan view thereof;
FIG. 41 is a front elevational view rotated 90° clockwise of an abutment for dental implant showing our new design;
FIG. 42 is a bottom plan view thereof;
FIG. 43 is a rear, top perspective view thereof;
FIG. 44 is a rear, bottom perspective view thereof;
FIG. 45 is a front plan view thereof;
FIG. 46 is a front elevational view rotated 90° clockwise of an abutment for dental implant showing our new design;
FIG. 47 is a bottom plan view thereof;
FIG. 48 is a rear, top perspective view thereof;
FIG. 49 is a rear, bottom perspective view thereof; and,
FIG. 50 is a front plan view thereof.

1 Claim, 10 Drawing Sheets