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## [54] IMPLANT COLLAR AND POST SYSTEM

5,071,351 12/1991 Green, Jr. et al. .... 433/173

[76] Inventor: **Gerald M. Marlin**, 4400 Jenifer St., NW., Washington, D.C. 20015

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[51] Int. Cl.<sup>5</sup> ..... **A61C 8/00**

[52] U.S. Cl. .... **433/174; 433/173**

[58] Field of Search ..... 433/173, 174, 175, 176

*Primary Examiner*—Gene Mancene

*Assistant Examiner*—Nicholas D. Lucchesi

*Attorney, Agent, or Firm*—William E. Mouzavires

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## [57] ABSTRACT

Abutment posts, gingival collars, and universal adaptors along with their fixation screws that are used for insertion into dental implants are revealed. The adaptor is universal in that it matches to many different shaped, sized, and styled implants, and standardizes their restoration with uniform gingival collars and abutment posts. A gingival collar of varying sizes, which extends from the top of the flange of the adaptor to the height of the gingival tissue, is used to bring the restoration of the implant into the oral cavity. A post becomes connected to the gingival collar to create a restoration for the placement of a crown or coping over the implant. The top of the adaptor has a projection which is indexed and the top of the gingival collar is also indexed. This indexing allows specific angle correction in the horizontal plane by the counter rotation of the gingival collar and the post head. The post head, itself, comes in a variety of angles and shapes to make vertical angle correction to compensate for angled implant placement. The combination of horizontal correction from the counter rotations of the gingival collar and the post head, along with the vertical angle correction of the post, allows for overall precise angle correction of implant placement.

47 Claims, 9 Drawing Sheets

