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(54) Title: ORTHODONTIC ALIGNERS

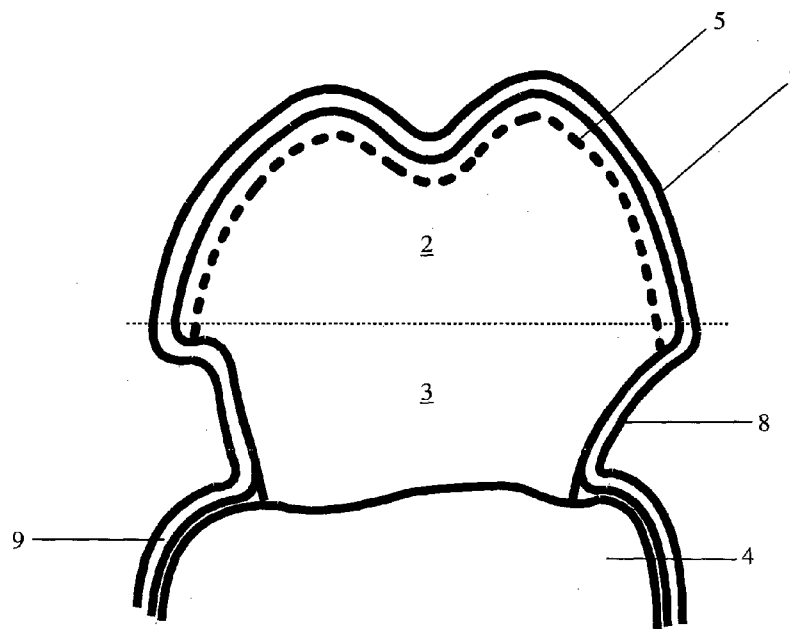


Figure 4

[Continued on next page]



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(57) Abstract: An orthodontic aligner is formed by producing a virtual 3D model of the dentition of a patient, modifying the virtual model by enlarging the crown of the posterior teeth so that the dimensions of each tooth is slightly enlarged slightly and depressing the area immediately gingival to the most prominent part of the crown, 3D printing the modified virtual model to produce a physical model for the aligner and using the physical model for forming the aligner.