

ABSTRACT

ORTHODONTIC APPLIANCE

The present invention concerns an orthodontic appliance for accelerating the tooth aligning effect and shortening the treatment period, and has an object to provide an appliance which can bring about higher aligning effect than usual ways by giving vibration to tooth to be aligned to activate bone remodeling of the targeted tooth and the alveolar bone and enhance the shift of the tooth. This appliance includes a vibrating element and a dental mouthpiece having the vibrating element built therein. The provision of the vibrating element in the dental mouthpiece facilitates the application of vibration and handling, and continues the treatment safely even at home. The inner shape of the dental mouthpiece serves aligning treatment as well as acceleration of the effect.

Fig. 2