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(57) Abstract :

ABSTRACT An intra-oral dental appliance for treatment of snoring and obstructive sleep apnea. The appliance keeps the user's lower jaw (mandible) in an anterior, protruded position to prevent obstruction of the pharyngeal airway. The appliance preferably consists of a lower anterior guide flange, without any connecting assembly. The appliance allows a lateral and vertical movement of the mandible relative to the upper jaw in the protruded position to prevent aggravation of the patient's muscles and ligaments and tempo mandibular joint. The present application relates to an intra-oral appliance designed to move the lower jaw down word and forward relative to the immovable upper jaw, for the treatment of sleep apnea or snoring, without restricting the jaw movement .

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