

(54) Title of the invention : A BIDIRECTIONAL ANTI-APNEA PUSH AND PROPULSION INDUCING APPLIANCE

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(71)Name of Applicant :  
**1)JSS ACADEMY OF HIGHER EDUCATION AND RESEARCH**  
 Address of Applicant :JSS ACADEMY OF HIGHER EDUCATION AND RESEARCH MYSORE KARNATAKA INDIA Mysore -----  
**Name of Applicant : NA**  
**Address of Applicant : NA**

(72)Name of Inventor :  
**1)Dr. Vishal Shrishail Kudagi**  
 Address of Applicant :JSS ACADEMY OF HIGHER EDUCATION AND RESEARCH, Mysore – 570015 Mysore -----  
**2)Dr. Shruti Shivakumar**  
 Address of Applicant :JSS ACADEMY OF HIGHER EDUCATION AND RESEARCH, Mysore – 570015 Mysore -----  
**3)Dr. Nitin Muralidhar**  
 Address of Applicant :JSS ACADEMY OF HIGHER EDUCATION AND RESEARCH, Mysore – 570015 Mysore -----  
**4)Dr. M.R. Aiyappa**  
 Address of Applicant :JSS ACADEMY OF HIGHER EDUCATION AND RESEARCH, Mysore – 570015 Mysore -----

(57) Abstract :  
 ABSTRACT Disclosed herein is a Bidirectional Anti-apnea push and propulsion inducing appliance (100). The device comprises of an acrylic base (101), multiple adams clasps (102) affixed to the acrylic base (101) such that adams clasps (102) are secured on the molars and premolars to anchor the appliance (100) to the maxilla (Upper Jaw) a lingual pad (104) attached to the front end of the appliance (100). A tongue propulsion wire (103) is attached to the rear end of the appliance (100) and the appliance (100) is placed in the mouth between the jaws such that in the Anteriorly, the lingual pad (104) pushes the mandible (lower jaw) by at least 4-5mm which in turn expands the airway space for normal respiration and posteriorly, the tongue propulsion wire (103) repositions the tongue more anteriorly and prevents it from collapsing the airway space while the patient is asleep in supine position. FIG 1 is selected 5 claims and 5 Drawing Sheets

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