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Patent Search

Invention Title	SELF RETAINING PINNA RETRACTOR
Publication Number	35/2023
Publication Date	01/09/2023
Publication Type	INA
Application Number	202341055667
Application Filing Date	19/08/2023
Priority Number	
Priority Country	
Priority Date	
Field Of Invention	BIO-MEDICAL ENGINEERING
Classification (IPC)	A61B0017020000, B25B0021000000, H04R0003000000, B25J0015020000, A41D0020000000

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Abstract:

TITLE: SELF RETAINING PINNA RETRACTOR APPLICANT: SREE BALAJI MEDICAL COLLEGE AND HOSPITAL ABSTRACT The present invention discloses a Self retaining pinna retractor[1] for adjusting direction and strength of retraction to facilitate exposure of posterior parts of pinna as well as visualize depths of external auditory canal. The retractor[1] of the present invention comprises of a slotted head band[2] having plurality of slots[3] in front section and a fastener[4] in rear section adapted to encircle patient head, characterized in a. a gripper[5] comprising of a grip clip[6] having pair of opposing member having curved front section[7] forming jaw portion and straight section[8] forming arm portion interconnected at the junction of the front section[7] and rear section[8] by means of a shaft[9] and a tightening screw[10] where the jaw is provided with changeable silicone grips to hold the pinna of varying thickness and the tightening screw[10] maintains grip on pinna by tightening or loosening; b. a direction changing lever[11] interconnecting the headband[2] and the gripper[5] configured to maintain angle and tension on pinna and comprises of a rod[12] with screws[13] at both ends where one end is secured to one of the slot[3] of the headband[2] by means of screws[13] and other end is secured to the shaft[9] of the gripper[5] by means of

Complete Specification

Description: Form 2

THE PATENT ACT, 1970
(39 of 1970)

&

THE PATENT RULES, 2003
COMPLETE SPECIFICATION
(See section 10 and rule 13)

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Page last updated on: 26/06/2019