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(54) Title of the invention : METHOD, SYSTEM AND DEVICE FOR WOUND CLOSURE

(51) International classification	:H01L0023482000, F16B0007000000, H01L0023488000, A63B0069200000, A41F0009000000	(71) Name of Applicant : 1)Gokula Education Foundation (Medical) Address of Applicant :GEF Administrative Block, Gnanagangothri Campus, New BEL Road, MSR Nagar, Bangalore Karnataka India
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(57) Abstract :

TITLE: METHOD, SYSTEM AND DEVICE FOR WOUND CLOSURE ABSTRACT A device (801) for a wound closure comprising at least a pair of sidebars (902A and 902B) to adhere on opposite sides of a wound along its vertical axis, a removable strap (312) configured to drag and lock the sidebars (902A and 902B) on opposite side of the wound (904) in a first position, at least one slider (302) guiding the sidebar (310) and the removable strap (312) through it, and an introducer (314) configured to carry the removable strap (312) from a first sidebar (902A) on one side of the wound to a second sidebar (902B) on opposite side of the wound (904), wherein the introducer (314) is detachable from the removable strap (312) after use and dragging the removable strap (312) results in approximation of the wound edges due to corresponding action of the side bars (310) on opposite sides of the wound.

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(54) Title of the invention : TISSUE OXYGEN SATURATION MONITORING DEVICE

(51) International classification	:A61B0005145500, A61B0005000000, A61B0005145000, A61B0005145900, A61B0005110000	(71) Name of Applicant : 1)Gokula Education Foundation (Medical) Address of Applicant :GEF Administrative Block, Gnanagangothri Campus, New BEL Road, M S R Nagar, Bangalore, Karnataka, India-560054 Karnataka India
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(57) Abstract :

TITLE: TISSUE OXYGEN SATURATION MONITORING DEVICE ABSTRACT A tissue oxygen saturation monitoring device (101) comprising a flexible patch (201) embedded with a plurality of sensors and a photodiode (210 and 220) stuck to a surface of a transplanted flap (510), and a control unit (401) to receive and process data received from the flexible patch (201), wherein the plurality of sensors diffuses a first set of rays into the transplanted flap (510) such that a plurality of rays gets reflected from the flap (510) that are captured by the photodiode while the control unit (401) determines a saturated oxygen level in the transplanted flap (510) at regular intervals based on the plurality of reflected rays (128).

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