

(54) Title of the invention : A TENSIO METER FOR MEASURING THE TENSILE STRENGTH OF A WOUND

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(71)Name of Applicant :**1)Chitkara University**

Address of Applicant :Chitkara University, Chandigarh-Patiala National Highway, Village Jhansla, Rajpura, Punjab - 140401, India -----

2)Chitkara Innovation Incubator Foundation**Name of Applicant : NA****Address of Applicant : NA****(72)Name of Inventor :****1)Dr. Samrat Chauhan**

Address of Applicant :Chitkara College Of Pharmacy, Chitkara University, Chandigarh-Patiala National Highway, Village Jhansla, Rajpura, Punjab - 140401, India Rajpura -----

2)Mr. Rishabh Chalotra

Address of Applicant :Department Of Pharmacology, Central University Of Punjab, Ghudda, Bathinda, 151401, Punjab Bathinda -----

3)Dr. Thakur Gurjeet Singh

Address of Applicant :Chitkara College Of Pharmacy, Chitkara University, Chandigarh-Patiala National Highway, Village Jhansla, Rajpura, Punjab - 140401, India Rajpura -----

4)Dr. Randhir Singh

Address of Applicant :Department Of Pharmacology, Central University Of Punjab, Ghudda, Bathinda, 151401, Punjab Bathinda -----

(57) Abstract :

ABSTRACT A TENSIO METER FOR MEASURING THE TENSILE STRENGTH OF A WOUND The present invention provides a tensiometer (1000) for measuring the tensile strength of a wound without removing the wound tissues. The tensiometer comprises a base body (100) capable to hold a subject S; a pair of arms (200, 300) mounted perpendicular on the base body; a pair of bending elements (400, 500) which is secured to the subject at one end and is actuated at another end by a pair of weights (600, 700); and a pair of damping devices (800, 900) for oscillating the pair of bending elements having the pair of weights. The subject is held on the base body and the bending elements are secured around the wound and then the pair of weights apply pressure on the wound to measure the tensile strength of the wound without removing the wound tissues. FIG. 1

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