

(54) Title of the invention : A PHARMACEUTICAL GEL FORMULATION FOR WOUND HEALING COMPRISING NANOLIPOSOMAL MIMOSA PUDICA

(51) International classification :A61K0036480000, A61K0009000000, A61K0009127000, A61K0009060000, A61K0047100000

(86) International Application No :NA  
Filing Date :NA

(87) International Publication No : NA

(61) Patent of Addition to Application Number :NA  
Filing Date :NA

(62) Divisional to Application Number :NA  
Filing Date :NA

(71)Name of Applicant :  
**1)Chitkara Innovation Incubator Foundation**  
 Address of Applicant :SCO: 160-161, Sector - 9c, Madhya Marg, Chandigarh- 160009, India. -----  
**Name of Applicant : NA**  
**Address of Applicant : NA**

(72)Name of Inventor :  
**1)SHARMA, Arvind**  
 Address of Applicant :Associate Professor, Chitkara College of Pharmacy, Chitkara University, Chandigarh-Patiala National Highway, Village Jhansla, Rajpura, Punjab - 140401, India. -----  
 -----  
**2)SINDHU, Rakesh K**  
 Address of Applicant :Associate Professor, Chitkara College of Pharmacy, Chitkara University, Chandigarh-Patiala National Highway, Village Jhansla, Rajpura, Punjab - 140401, India. -----  
 -----  
**3)SINGH, Thakur Grurjeet**  
 Address of Applicant :Assistant Dean, Chitkara College of Pharmacy, Chitkara University, Chandigarh-Patiala National Highway, Village Jhansla, Rajpura, Punjab - 140401, India. -----  
 -----  
**4)ARORA, Sandeep**  
 Address of Applicant :Dean, Chitkara College of Pharmacy, Chitkara University, Chandigarh-Patiala National Highway, Village Jhansla, Rajpura, Punjab - 140401, India. -----  
 -----  
**5)GUPTA, Saurabh**  
 Address of Applicant :Associate Professor, Chitkara College of Pharmacy, Chitkara University, Chandigarh-Patiala National Highway, Village Jhansla, Rajpura, Punjab - 140401, India. -----  
 -----  
**6)MVNL, Chaitanya**  
 Address of Applicant :Associate Professor, Chitkara College of Pharmacy, Chitkara University, Chandigarh-Patiala National Highway, Village Jhansla, Rajpura, Punjab - 140401, India. -----  
 -----  
**7)ARORA, Malika**  
 Address of Applicant :M. Pharmacy Student, Chitkara College of Pharmacy, Chitkara University, Chandigarh-Patiala National Highway, Village Jhansla, Rajpura, Punjab - 140401, India. -----  
 -----

(57) Abstract :

The present disclosure relates generally to topical drug delivery systems for Mimosa pudica. More specifically, the disclosure is directed to a pharmaceutical gel formulation for wound healing comprising (a) nanoliposomes comprising Mimosa pudica, soy lecithin, a surfactant, and one or more hydrating agent(s); and (b) one or more gelling agent(s). The formulation improves the permeability of Mimosa pudica and fastens wound healing. The disclosure further provides a process of manufacturing the formulation.

No. of Pages : 27 No. of Claims : 17