



# 18. Treating periodontal disease using herbal formulation ( Dr Pragya Bhatnagar)

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(54) Title of the invention : TREATING PERIODONTAL DISEASE USING HERBAL FORMULATION

<p>(51) International classification A61K0016210000, A61K0036670000, A61K0036185000, A61K0036906600, A61K0036280000</p> <p>(56) International Application No PCT/IN                  Filing Date 01/01/1990</p> <p>(57) International Publication No NA</p> <p>(61) Patent of Addition to Application Number NA                  Filing Date NA</p> <p>(62) Divisional to Application Number NA                  Filing Date NA</p>	<p>(71) Name of Applicant :                  1)Mr. Darfa Raja                  Address of Applicant Assistant Professor Jogipalli B R Pharmacy College Survey No 156 To 162, Anandapur X Road, Yenkapally, Moinsabad, Hyderabad, Telangana -500075 India</p> <p>2)Mr. Pavan Kumar Krossari                  3)Dr. Ragesh Soni                  4)Mr.P. Sivasubramanian                  5)Ms. Shama Jais                  6)Mr. Saarabh Sanehole                  7)Dr. Pragya Bhatnagar                  8)Dr. Bihawan Mishra                  9)Dr. Sanjay Kumar Karan                  10)Mr. Bihwa Ranjan Mohanti                  11)Dr. Ramadevi Korni                  12)Dr G. Chandra Sekhara Rao</p> <p>Name of Applicant : NA                  Address of Applicant : NA</p> <p>(72) Name of Inventor :                  1)Mr. Darfa Raja                  Address of Applicant Assistant Professor Jogipalli B R Pharmacy College Survey No 156 To 162, Anandapur X Road, Yenkapally, Moinsabad, Hyderabad, Telangana -500075 India</p> <p>2)Mr. Pavan Kumar Krossari                  Address of Applicant Associate Professor Department of Pharmaceutics Santosha college of pharmacy, Newwada, NH40, Nayalal Pincode 518501 Andhra Pradesh</p> <p>3)Dr. Ragesh Soni                  Address of Applicant Prof (Dr) Ragesh Soni, (M Pharm-Pharmacology) (PhD Pharmacology &amp; Clinical Pharmacy) Professor, B. R. Nalata College of Pharmacy, Faculty of Pharmacy, Ph.D Coordinator &amp; Associate Dean Research Mandana University, Mandana - 458001, Madhya Pradesh, India</p> <p>4)Mr.P. Sivasubramanian                  Address of Applicant Associate Professor SNS College of Pharmacy and Health Sciences, Chintamani, Tamil Nadu, India</p> <p>5)Ms. Shama Jais                  Address of Applicant Assistant professor College of Pharmacy, SAM GLOBAL UNIVERSITY, District. Raigarh, City Bhegal pin. 464551, Madhya Pradesh, India</p> <p>6)Mr. Saarabh Sanehole                  Address of Applicant Dr. J J Magham Pharmacy College, Jyasingpur Shant-wadi Road, Near M.S.E.B office, Jyasingpur Pin code- 416101, Maharashtra, India</p> <p>7)Dr. Pragya Bhatnagar                  Address of Applicant Tutor, Department of Oral Pathology, Maharashtra Institute of Dental Sciences, MIDSR Medical College Campus, Latur, Maharashtra- 432512, India</p> <p>8)Dr. Bihawan Mishra                  Address of Applicant Assistant professor, Institute of Pharmacy and Technology, Salpur, Cuttack, Odisha- 754202, India</p> <p>9)Dr. Sanjay Kumar Karan                  Address of Applicant Professor Seemanta Institute of pharmaceutical sciences, Ajojo-Pharaphikhera Dist-Mayurbhanj Odisha, India</p> <p>10)Mr. Bihwa Ranjan Mohanti                  Address of Applicant Professor, Institute of Pharmacy and Technology, Salpur Cuttack - 754202, Odisha, India Cuttack, India</p> <p>11)Dr. Ramadevi Korni                  Address of Applicant Professor Rajhu College of Pharmacy, Dukhmani, Vishakhapatnam - 531162, Andhra Pradesh, India</p> <p>12)Dr G. Chandra Sekhara Rao                  Address of Applicant Professor, Vignia Institute of Pharmaceutical Technology, Duvvada, Vishakhapatnam - 530045, Andhra Pradesh, India</p>
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(57) Abstract  
 TREATING PERIODONTAL DISEASE USING HERBAL FORMULATION A method of treating periodontal disease using herbal formulation. Selecting from the group consisting of Salvia miltiorrhiza and Carum long, in concentrations constituting 30% to 40% of the present herbal composition. Standardizing the extract which comprising 2 to 8% procyanidin from Cinnamon verum, 8 to 25% chebulagic acid and 15 to 10% chebulinic acid obtained from Terminalia chebula. The weight ratio of the green salt to the achyranthes root, the long pepper, the olive leaf holly bark, the eucalyptus leaf and the dendrobium officinale. Storing the extract at room temperature and the herbal medicine extract is filtered a cosmetic skin external preparation for skin. Containing the mixture of the medicinal substance and the olive oil so that air does not pass through and then storing the mixture at room temperature.

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Patent by Dr Pragya Bhatnagar on Treating periodontal disease using herbal formulation

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# 19. Patent-Implementation of low-level laser therapy in dentistry (Dr Sandeep Fere)

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(54) Title of the invention : IMPLEMENTATION OF LOW-LEVEL LASER THERAPY IN DENTISTRY

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(57) Abstract  
 IMPLEMENTATION OF LOW-LEVEL LASER THERAPY IN DENTISTRY A method for implementation of low-level laser therapy in dentistry. The method comprises a 5 dental prosthesis to be integrated into a cavity in a jaw bone of a specific patient defining a jaw cavity, inserting a tip of an optical fiber into the treatment liquid within the root canal, the optical fiber extending along a fiber axis. The alterations in photosceptor function are the primary reactions and subsequent alterations in cellular signaling, and cellular functions are secondary reactions, wherein the depth of energy penetration is biased by several factors, 10 including wavelength, optical and temperature features, strength. Immersing at least a portion of the tip into a fluid reservoir located in the treatment pocket, the fluid reservoir holding a fluid. Removing calculus deposits in or proximate the treatment pocket by pushing the laser light source at an energy level of from a pulse width.

No. of Pages : 15 No. of Claims : 1

## Patent by Dr Sandeep Fere on Implementation of low-level laser therapy in dentistry

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