

(12) PATENT APPLICATION PUBLICATION	(21) Application No.202411082458 A
(19) INDIA	
(22) Date of filing of Application :28/10/2024	(43) Publication Date : 08/11/2024
(54) Title of the invention : NOVEL NUTRIENT MEDIA FOR MICROPROPAGATION OF JUGLANS SPP AND METHOD THEREOF	
(51) International classification :A01H0004000000, A61K0036520000, C02F0001720000, C02F0101360000, E03C0001084000 (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)DR. YASHWANT SINGH PARMAR UNIVERSITY OF HORTICULTURE AND FORESTRY Address of Applicant :Dr. Y S Parmar University of Horticulture and Forestry, Nauni, Solan 173 230, Himachal Pradesh, India. ----- 2)DR. PANKAJ KUMAR Name of Applicant : NA Address of Applicant : NA (72)Name of Inventor : 1)SIDHARTH SHARMA Address of Applicant :Department of Biotechnology, College of Horticulture, Dr. Y S Parmar University of Horticulture and Forestry, Nauni, Solan- 173230, Himachal Pradesh, India. Solan ----- 2)SHAGUN SHARMA Address of Applicant :Department of Biotechnology, College of Horticulture, Dr. Y S Parmar University of Horticulture and Forestry, Nauni, Solan- 173230, Himachal Pradesh, India. Solan ----- 3)DR. PANKAJ KUMAR Address of Applicant :Assistant Professor, Department of Biotechnology, College of Horticulture, Dr. Y S Parmar University of Horticulture and Forestry, Nauni, Solan- 173230, Himachal Pradesh, India. Solan ----- 4)DR. PRAMOD VERMA Address of Applicant :Assistant Professor, Department of Fruit Science, College of Horticulture, Dr. Y S Parmar University of Horticulture and Forestry, Nauni, Solan- 173230, Himachal Pradesh, India. Solan ----- 5)DR. RAJNISH SHARMA Address of Applicant :Head, Department of Biotechnology College of Horticulture, Dr. Y S Parmar University of Horticulture and Forestry, Nauni, Solan- 173230, Himachal Pradesh, India. Solan ----- 6)DR. DP SHARMA Address of Applicant :Dean, College of Horticulture and Forestry, Neri, Dr. Y S Parmar University of Horticulture and Forestry, Nauni, Solan- 173230, Himachal Pradesh, India. Solan -----
(57) Abstract : The present disclosure relates improved nutrient media and method for micropropagation of <i>Juglans</i> sp Chandler. The said media comprises NH ₄ NO ₃ - 1400 mg/L, Ca(NO ₃) ₂ .4H ₂ O- 1034 mg/L, KNO ₃ - 1034 mg/L, Ca ₃ (PO ₄) ₂ - 182.5 mg/L, ZnO- 17.0 mg/L, K ₂ SO ₄ - 779 mg/L, KCl- 779 mg/L, MgSO ₄ .7H ₂ O- 779 mg/L, MnSO ₄ .H ₂ O- 33.5 mg/L, CuSO ₄ .5H ₂ O- 0.25, KH ₂ PO ₄ - 182.5 mg/L, H ₃ BO ₃ - 5.0 mg/L, FeEDDHA- 120.00 mg/L, Nicotinic acid- 1.00 mg/L, Glycine- 2.00 mg/L, Thiamine-HCl-2.00 mg/L, AgNO ₃ - 6.00 mg/L, Casein Hydrolysate-100.00 mg/L, Phloroglucinol- 50.00 mg/L, TDZ - 0.50 mg/L, BAP- 0.50 mg/L, IBA- 0.10 mg/L, myo-inositol- 150.00 mg/L, Sacrose- 30.00 g/L and Agar- 6.50 g/L-.	
No. of Pages : 26 No. of Claims : 6	