

पेटेंट कार्यालय
शासकीय जर्नल

**OFFICIAL JOURNAL
OF
THE PATENT OFFICE**

निर्गमन सं. 41/2023
ISSUE NO. 41/2023

शुक्रवार
FRIDAY

दिनांक: 13/10/2023
DATE: 13/10/2023

पेटेंट कार्यालय का एक प्रकाशन
PUBLICATION OF THE PATENT OFFICE

(12) PATENT APPLICATION PUBLICATION

(21) Application No.202311062228 A

(19) INDIA

(22) Date of filing of Application :15/09/2023

(43) Publication Date : 13/10/2023

(54) Title of the invention : DESIGNING BARIUM BISMUTH FERRITE NITROGEN - DOPED CARBON NANOMAGNETIC PEROVSKITE AS A HIGH PERFORMANCE IN SUPERCAPACITOR FOR ENERGY STORAGE

(51) International classification :H01G0011860000, H01G0011360000, H01G0011300000, H01G0011240000, H01G0011260000
(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)Mukul Pastor

Address of Applicant :Scientist, Innovation Centre, Bundelkhand University, Kanpur Road, Jhansi, 284128 Jhansi ----

2)Dr Karuna Nidhan Singh

3)Tirupathi Patri

4)Lalit Kumar Gupta

5)Dr. Amrish K. Panwar

Name of Applicant : NA

Address of Applicant : NA

(72)Name of Inventor :

1)Mukul Pastor

Address of Applicant :Scientist, Innovation Centre, Bundelkhand University, Kanpur Road, Jhansi, 284128 Jhansi -----

2)Dr Karuna Nidhan Singh

Address of Applicant :Professor Department of Pure and Applied Physics Guru Ghasidas Vishwavidyalaya Koni Bilaspur Chhattisgarh Bilaspur -----

3)Tirupathi Patri

Address of Applicant :Assistant professor, Department of Physics, Rajiv Gandhi university of knowledge and technologies, Srikakulam, pincode: 532402 Etcherla -----

4)Lalit Kumar Gupta

Address of Applicant :Assistant Professor , Computer Science & Engineering Department , Bundelkhand University , Jhansi - 284128 Jhansi -----

5)Dr. Amrish K. Panwar

Address of Applicant :Assistant Professor, Department of Applied Physics, Delhi Technological University, Bawana Road, Delhi- 110042 Delhi -----

(57) Abstract :

Designing barium bismuth ferrite nitrogen - doped carbon nanomagnetic perovskite as a high performance in supercapacitor for energy storage is the proposed invention. The proposed invention focuses on studying the supercapacitor for energy storage. The invention focuses on analyzing the parameters of supercapacitor using algorithms of Barium Bismuth ferrite Nitrogen - doped carbon nanomagnetic perovskite.

No. of Pages : 13 No. of Claims : 4