



Application Details

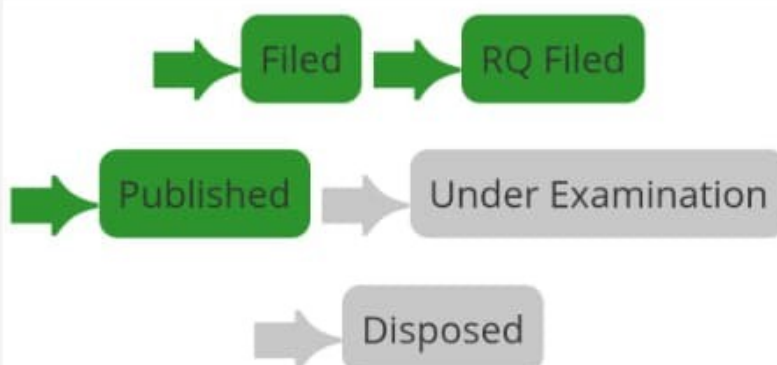
APPLICATION NUMBER	202431054806
APPLICATION TYPE	ORDINARY APPLICATION
DATE OF FILING	18/07/2024
APPLICANT NAME	UNIVERSITY OF ENGINEERING AND MANAGEMENT
TITLE OF INVENTION	Energy-per-Layer Screening Approach towards Modeling of Multilayer Graphene Nanoribbon On-Chip Interconnect
FIELD OF INVENTION	ELECTRONICS
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E-MAIL (UPDATED Online)	
PRIORITY DATE	
REQUEST FOR EXAMINATION DATE	18/07/2024
PUBLICATION DATE (U/S 11A)	23/01/2026

Application Status

APPLICATION STATUS

**Application
Awaiting
Examination**

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FORM 1
THE PATENTS ACT, 1970
(39 of 1970)
&
THE PATENTS RULES, 2003
APPLICATION FOR GRANT OF PATENT
[See sections 7,54 & 135 and rule 20(1)]

(FOR OFFICE USE ONLY)

Application No.:
Filing Date:
Amount of Fee Paid:
CBR No.:
Signature:

1. APPLICANT(S):

Sr.No.	Name	Nationality	Address	Country	State	Distict	City
1	UNIVERSITY OF ENGINEERING AND MANAGEMENT	India	UNIVERSITY OF ENGINEERING AND MANAGEMENT, UNIVERSITY AREA, PLOT NO. III – B/5, STREET NUMBER 03, ACTION AREA-III, NEWTOWN, KOLKATA, WEST BENGAL.	India	West Bengal	Kolkata	KOLKATA

2. INVENTOR(S):

Sr.No.	Name	Nationality	Address	Country	State	Distict	City
1	Santasri Giri Tunga	India	UNIVERSITY OF ENGINEERING AND MANAGEMENT, UNIVERSITY AREA, PLOT NO. III – B/5, STREET NUMBER 03, ACTION AREA-III, NEWTOWN, KOLKATA, WEST BENGAL, PIN-700160.	India	West Bengal	Kolkata	KOLKATA
2	Dr. Subhajit Das	India	UNIVERSITY OF ENGINEERING AND MANAGEMENT, UNIVERSITY AREA, PLOT NO. III – B/5, STREET NUMBER 03, ACTION AREA-III, NEWTOWN, KOLKATA, WEST	India	West Bengal	Kolkata	KOLKATA

			BENGAL, PIN-700160.				
3	Dr. Hafizur Rahaman	India	UNIVERSITY OF ENGINEERING AND MANAGEMENT, UNIVERSITY AREA, PLOT NO. III – B/5, STREET NUMBER 03, ACTION AREA-III, NEWTOWN, KOLKATA, WEST BENGAL, PIN-700160.	India	West Bengal	Kolkata	KOLKATA
4	Dr. L.M.I.Leo Joseph	India	UNIVERSITY OF ENGINEERING AND MANAGEMENT, UNIVERSITY AREA, PLOT NO. III – B/5, STREET NUMBER 03, ACTION AREA-III, NEWTOWN, KOLKATA, WEST BENGAL, PIN-700160.	India	West Bengal	Kolkata	KOLKATA
5	Dr. Sandip Bhattacharya	India	UNIVERSITY OF ENGINEERING AND MANAGEMENT, UNIVERSITY AREA, PLOT NO. III – B/5, STREET NUMBER 03, ACTION AREA-III, NEWTOWN, KOLKATA, WEST BENGAL, PIN-700160.	India	West Bengal	Kolkata	KOLKATA
6	Dr. Ajayan	India	UNIVERSITY OF ENGINEERING AND MANAGEMENT, UNIVERSITY AREA, PLOT NO. III – B/5, STREET NUMBER 03, ACTION AREA-III, NEWTOWN, KOLKATA, WEST BENGAL, PIN-700160.	India	West Bengal	Kolkata	KOLKATA
7	Dr. Abir Chatterjee	India	UNIVERSITY OF ENGINEERING AND MANAGEMENT, UNIVERSITY	India	West Bengal	Kolkata	KOLKATA

		AREA, PLOT NO. III – B/5, STREET NUMBER 03, ACTION AREA- III, NEWTOWN, KOLKATA, WEST BENGAL, PIN- 700160.				
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3. TITLE OF THE INVENTION: Energy-per-Layer Screening Approach towards Modeling of Multilayer Graphene Nanoribbon On-Chip Interconnect**4. ADDRESS FOR CORRESPONDENCE OF APPLICANT / AUTHORISED PATENT AGENT IN INDIA:**

UNIVERSITY OF ENGINEERING AND MANAGEMENT,
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5. PRIORITY PARTICULARS OF THE APPLICATION(S) FILED IN CONVENTION COUNTRY:

Sr.No.	Country	Application Number	Filing Date	Name of the Applicant	Titlte of the Invention
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6. PARTICULARS FOR FILING PATENT COOPERATION TREATY (PCT) NATIONAL PHASE APPLICATION:

International Application Number	International Filing Date as Allotted by the Receiving Office
PCT//	

7. PARTICULARS FOR FILING DIVISIONAL APPLICATION

Original (first) Application Number	Date of Filing of Original (first) Application
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8. PARTICULARS FOR FILING PATENT OF ADDITION:

Main Application / Patent Number:	Date of Filing of Main Application
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9. DECLARATIONS:**(i) Declaration by the inventor(s)**

I/We ,Santasri Giri Tunga,Dr. Subhajit Das,Dr. Hafizur Rahaman,Dr. L.M.I.Leo Joseph,Dr. Sandip Bhattacharya,Dr. Ajayan,Dr. Abir Chatterjee, is/are the true & first inventor(s) for this invention and declare that the applicant(s) herein is/are my/our assignee or legal representative.

(a) Date: --02.07.2024

(b) Signature(s) of the inventor(s):






(c) Name(s): Santasri Giri Tunga, Dr. Subhajit Das, Dr. Hafizur Rahaman, Dr. L.M.I. Leo Joseph, Dr. Sandip Bhattacharya, Dr. Ajayan, Dr. Abir Chatterjee

(ii) Declaration by the applicant(s) in the convention country

I/We, the applicant(s) in the convention country declare that the applicant(s) herein is/are my/our assignee or legal representative.

(a) Date: -----

(b) Signature(s) :

(c) Name(s) of the singnatory: UNIVERSITY OF ENGINEERING AND MANAGEMENT

(iii) Declaration by the applicant(s)

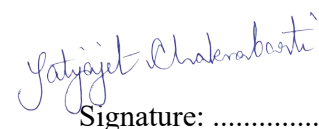
- The Complete specification relating to the invention is filed with this application.
- I am/We are, in the possession of the above mentioned invention.
- There is no lawful ground of objection to the grant of the Patent to me/us.
- I am/We are, the assignee or legal representative to true first inventors.

10. FOLLOWING ARE THE ATTACHMENTS WITH THE APPLICATION:

Sr.	Document Description	FileName
1	REQUEST FOR EXAMINATION (FORM-18)	FORM 18_ Energy-per-Layer Screening Approach towards Modeling of Multilayer Graphene Nanoribbon On-C
2	COMPLETE SPECIFICATION	COMPLETE SPECIFICATION_ Energy-per-Layer Screening Approach towards Modeling _UEM.pdf
3	DRAWINGS	DRAWING_ Energy-per-Layer Screening Approach towards Modeling _UEM.pdf

I/We hereby declare that to the best of my/our knowledge, information and belief the fact and matters stated hering are correct and I/We request that a patent may be granted to me/us for the said invention.

Dated this(Final Payment Date): 02.07.2024


Signature:

Name: Satyajit Chakrabarti

To The Controller of Patents

The Patent office at KOLKATA

This form is electronically generated.