

**FORM 5**  
**THE PATENTS ACT, 1970 (39 of 1970)**  
**&**  
**The Patents Rules, 2003**  
**DECLARATION AS TO INVENTORSHIP**  
**[Refer section 10(6) and rule 13(6)]**

**1. NAME OF THE APPLICANT(S): National Institute of Technology Calicut.**

Hereby declare that the true and first inventor(s) of the invention disclosed in the complete specification filed in pursuance of our application numbered \_\_\_\_ dated \_\_\_\_ is/are

**2. INVENTOR(S)**

Name	Nationality	Address
Mr. S. Sathyaraj	Indian	Research Scholar, Department of Mechanical Engineering, National Institute of Technology Calicut, NIT Campus (P.O), Calicut, Kozhikode – 673601, Kerala, India.
Dr. K. Sekar	Indian	Associate Professor, Department of Mechanical Engineering, National Institute of Technology Calicut, NIT Campus (P.O), Calicut, Kozhikode – 673601, Kerala, India.

**3. DECLARATION TO BE GIVEN WHEN THE APPLICATION IN INDIA IS FILED BY THE APPLICANT(S) IN THE CONVENTION COUNTRY:-**

We the applicant(s) in the convention country hereby declare that our right to apply for a patent in India is by way of assignment from the true and first inventor(s).

**4. STATEMENT** (to be signed by the additional inventor(s) not mentioned in the application form)

I/We assent to the invention referred to in the above declaration, being included in the complete specification filed in pursuance of the stated application.

Dated this 19<sup>th</sup> day of September, 2024



**Hima Bindu Atti**  
**IN/PA # 3925**

**AUTHORISED AGENT OF APPLICANT(S)**

To  
The Controller of Patents,  
The Patent Office Branch, at Chennai.