



Office of the Controller General of Patents, Designs & Trade Marks  
Department of Industrial Policy & Promotion,  
Ministry of Commerce & Industry,  
Government of India

(<http://ipindia.nic.in/index.htm>)

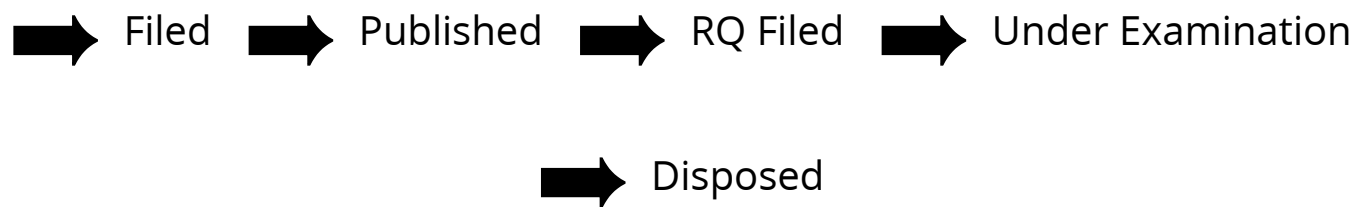


(<http://ipindia.nic.in/index.htm>)

Application Details	
APPLICATION NUMBER	202111026967
APPLICATION TYPE	ORDINARY APPLICATION
DATE OF FILING	17/06/2021
APPLICANT NAME	1 . Pooja Rani 2 . Rajneesh Kumar 3 . Anurag Jain 4 . Rohit Lamba 5 . Manik Gujral
TITLE OF INVENTION	AN AUTOMATED SYSTEM FOR HEART DISEASE DIAGNOSIS USING REGULARIZED DEEP NEURAL NETWORK
FIELD OF INVENTION	COMPUTER SCIENCE
E-MAIL (As Per Record)	ashish.iprindia@hotmail.com
ADDITIONAL-EMAIL (As Per Record)	ipnation@outlook.com
E-MAIL (UPDATED Online)	
PRIORITY DATE	
REQUEST FOR EXAMINATION DATE	--
PUBLICATION DATE (U/S 11A)	27/08/2021

Application Status	
APPLICATION STATUS	<b>Awaiting Request for Examination</b>

			<a href="#">View Documents</a>
--	--	--	--------------------------------



In case of any discrepancy in status, kindly contact [ipo-helpdesk@nic.in](mailto:ipo-helpdesk@nic.in)

<b>FORM 1</b> THE PATENTS ACT 1970 (39 OF 1970) & THE PATENT RULES, 2003 <b>APPLICATION FOR GRANT OF          PATENT</b> [See section 7,54 &135 & rule 20(1)]	(FOR OFFICE USE ONLY)  Application No.: Filing Date: Amount of Fee Paid: CBR No. Signature
---	--

<b>1. APPLICANT'S REFERENCE/          IDENTIFICATION NO.          (AS ALLOTTED BY OFFICE)</b>	
---	--

<b>2. TYPE OF APPLICATION</b>					
<b>Ordinary (√)</b>		<b>Convention ( )</b>		<b>PCT-NP ( )</b>	
<b>Divisional ( )</b>	<b>Patent of Addition ( )</b>	<b>Divisional ( )</b>	<b>Patent of Addition ( )</b>	<b>Divisional ( )</b>	<b>Patent of Addition ( )</b>

<b>3-A. APPLICANT(S)</b>			
Name	Nationality	Country of Residence	ADDRESS
Pooja Rani	INDIAN	INDIAN	MMEC (Research Scholar), MMICT&BM (A.P.), Maharishi Markandeshwar (Deemed to be University), Mullana, Ambala, Haryana, India, pooja.rani@mmumullana.org
Rajneesh Kumar	INDIAN	INDIAN	Department of Computer Engineering, MMEC, Maharishi Markandeshwar (Deemed to be University), Mullana, Ambala, Haryana, India, drrajneeshgujral@mmumullana.org
Anurag Jain	INDIAN	INDIAN	3Virtualization department, School of Computer Science, University of Petroleum & Energy Studies, Dehradun, India, anurag.jain@ddn.upes.ac.in
Rohit Lamba	INDIAN	INDIAN	Department of ECE, MMEC, Maharishi Markandeshwar (Deemed to be University), Mullana, Ambala, Haryana, India, rohitylamba14@mmumullana.org
Manik Gujral	INDIAN	INDIAN	Department of Computer Engineering, MMEC, Maharishi Markandeshwar (Deemed to be University), Mullana, Ambala, Haryana, India, manikgujral47@gmail.com

<b>3-B. CATEGORY OF APPLICANT</b>			
<b>Natural Person (√)</b>		<b>Other than Natural Person ( )</b>	
		<b>Small Entity ( )</b>	<b>Startup ( )</b>
			<b>Others (√)</b>

<b>4. INVENTORS (S)</b>		
<b>Are all the inventor(s) same as the applicant(s) named above?</b>	<b>Yes (√)</b>	<b>No ( )</b>

Name	Nationality	Country of Residence	Address
Pooja Rani	INDIAN	INDIAN	MMEC (Research Scholar), MMICT&BM (A.P.), Maharishi Markandeshwar (Deemed to be University), Mullana, Ambala, Haryana, India, pooja.rani@mmumullana.org
Rajneesh Kumar	INDIAN	INDIAN	Department of Computer Engineering, MMEC, Maharishi Markandeshwar (Deemed to be University), Mullana, Ambala, Haryana, India, drrajneeshgujral@mmumullana.org
Anurag Jain	INDIAN	INDIAN	3Virtualization department, School of Computer Science, University of Petroleum & Energy Studies, Dehradun, India, anurag.jain@ddn.upes.ac.in
Rohit Lamba	INDIAN	INDIAN	Department of ECE, MMEC, Maharishi Markandeshwar (Deemed to be University), Mullana, Ambala, Haryana, India, rohitylamba14@mmumullana.org
Manik Gujral	INDIAN	INDIAN	Department of Computer Engineering, MMEC, Maharishi Markandeshwar (Deemed to be University), Mullana, Ambala, Haryana, India, manikgujral47@gmail.com

**5. TITLE OF THE INVENTION: AN AUTOMATED SYSTEM FOR HEART DISEASE DIAGNOSIS USING REGULARIZED DEEP NEURAL NETWORK**

<b>6. AUTHORISED REGISTERED PATENT AGENT (S)</b>	IN/PA No.	3021
	Name	ASHISH SHARMA
	Mobile No.	9899801721

<b>7. ADDRESS FOR SERVICE OF APPLICANT IN INDIA</b>	<p><b>ASHISH SHARMA,</b>  IP NATION;  D-177, GF, Shyam Park Ext.,  Sahibabad-201005 (Ghaziabad)  Mobile No. 9899801721  E-mail: ashish.iprindia@hotmail.com</p>
---	---

<b>8. PRIORITY PARTICULARS OF THE APPLICATION (S) FILED IN CONVENTION COUNTRY</b>				
Country	Application No.	Filing Date	Name of Applicant	Title of Invention
NA				

**9. PARTICULARS OF FILING PATENT COOPERATION TREATY (PCT) NATIONAL PHASE APPLICATION**

International Application Number	International filing date As allotted By The Receiving Office
NA	

**10. PARTICULARS OF FILING DIVISIONAL APPLICATION**

<b>Original application No.</b>	<b>Date of filing of original application</b>
NA	NA

**11. PARTICULARS FOR FILING PATENT OF ADDITION**

<b>Main application/ Patent No.</b>	<b>Date of filing of main application</b>
NA	NA

**12. DECLARATION****(i) Declaration by the Inventor(s)**

I/We, the above named inventor(s) 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	(b) Signature	(c) Name
		Pooja Rani
		Rajneesh Kumar
		Anurag Jain
		Rohit Lamba
		Manik Gujral

**(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 assignee or legal representative.

(a) Date:

(b) Signature(s):

(c) Name(s) of the Signatory :

**(iii) Declaration by the Applicant(s):**

(√) I/we, the applicant(s) are in possession of the above-mentioned invention.

(√) The complete specification relating to the invention is filed with this application.

✗ The invention as disclosed in the specification uses the biological material from India and

the necessary permission from the competent authority shall be submitted by me/ us before the grant of patent to me/ us.

(√) There is no lawful ground of objection to the grant of the Patent to me/us.

(√) I am/ we are the true and first inventor(s).

(√) I am/ we are the assignee or legal representatives of true and first inventor(s).

- ✘ The application or each of the applications, particulars of which are given in paragraph 8, was the first application in convention country/ countries in respect of my/ our invention(s).
- ✘ I/ we claim the priority from the above mentioned application(s) filed in convention country/ countries and state that no application for protection in respect of the invention had been made in a convention country before that date by me/ us or by any person from which I/ we derive the title.
- ✘ My/ our application in India is based on international application under Patent Cooperation Treaty (PCT) as mentioned in Paragraph 9.
- ✘ The application is divided out of my/ our application particulars of which is given in Paragraph 10 and pray that this application may be treated as deemed to have filed on DD/MM/YYYY under section 16 of the Act.
- ✘ The said invention is an improvement in or modification of the invention particulars of which are given in Paragraph 11.

**13. FOLLOWING ARE ATTACHMENTS WITH THE APPLICATION:**

- (a) **FORM 2-** Complete Specifications, **No. of Pages 25 No. of Claims 06**
- (b) Statement and Undertaking on **Form 3**
- (c) Declaration as to Inventorship on **Form 5**
- (d) Official fee for application of the patent 1,600/-

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

Dated this June 15, 2021



(Ashish Sharma)  
Authorized Agent for the Applicant  
Indian Patent Agent Regn No. IN/PA-3021

**TO,**  
**THE CONTROLLER OF PATENTS**  
**THE PATENT OFFICE, NEW DELHI/MUMBAI/ CHENNAI/KOLKATA**