



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>)

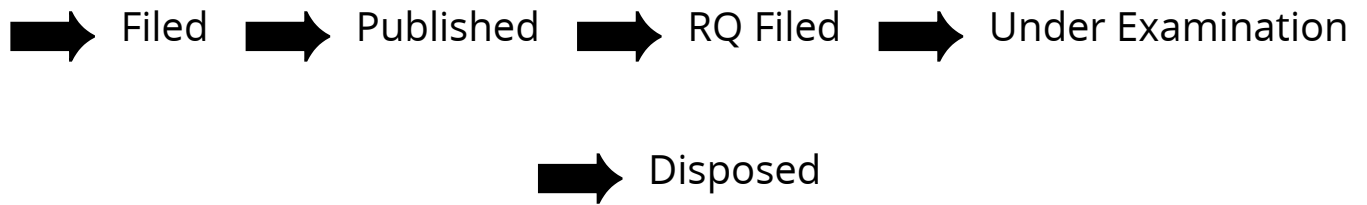
Application Details

APPLICATION NUMBER	202111011004
APPLICATION TYPE	ORDINARY APPLICATION
DATE OF FILING	16/03/2021
APPLICANT NAME	Dr. Mandeep Kaur
TITLE OF INVENTION	SYSTEM AND METHOD FOR MAINTAINING SOIL MOISTURE
FIELD OF INVENTION	MECHANICAL ENGINEERING
E-MAIL (As Per Record)	smartpatenting@gmail.com
ADDITIONAL-EMAIL (As Per Record)	smartpatenting@gmail.com
E-MAIL (UPDATED Online)	
PRIORITY DATE	
REQUEST FOR EXAMINATION DATE	--
PUBLICATION DATE (U/S 11A)	19/03/2021

Application Status

APPLICATION STATUS	Awaiting Request for Examination
--------------------	----------------------------------

[View Documents](#)



In case of any discrepancy in status, kindly contact ipo-helpdesk@nic.in

FORM 1 THE PATENTS ACT 1970 (39 of 1970) and THE PATENTS RULES, 2003 APPLICATION FOR GRANT OF PATENT (See section 7, 54 and 135 and sub-rule (1) of rule 20)				(FOR OFFICE USE ONLY)			
		Application No.					
		Filing date:					
		Amount of Fee paid:					
		CBR No:					
		Signature:					
1. APPLICANT'S REFERENCE / IDENTIFICATION NO. (AS ALLOTTED BY OFFICE)							
2. TYPE OF APPLICATION [Please tick (√) at the appropriate category]							
Ordinary (√)		Convention ()		PCT-NP ()			
Divisional ()	Patent of Addition ()	Divisional ()	Patent of Addition ()	Divisional ()	Patent of Addition ()		
3A. APPLICANT(S)							
Name in Full		Nationality	Country of Residence	Address of the Applicant			
Dr. Mandeep Kaur		Indian	India	House No.	Flat No. 501, Tower -5		
				Street	Zion lake View Apartment		
				City	Sector-48, Faridabad		
				State	Haryana		
				Country	India		
				Pin Code	121001		
3B. CATEGORY OF APPLICANT [Please tick (√) at the appropriate category]							
Natural Person (√)		Other than Natural Person					
		Small Entity ()	Startup ()	Others ()			
4. INVENTOR(S) [Please tick () at the appropriate category]							
Are all the inventor(s) same as the applicant(s) named above?		Yes ()		No (√)			
If "No", furnish the details of the inventor(s)							
NAME	Nationality	Country of Residence	Address				
Dr. Mandeep Kaur	Indian	India	FLAT NO. 501, TOWER -5, ZION LAKE VIEW APARTMENT, SECTOR-48, FARIDABAD , HARYANA, INDIA 121001				
Dr. Mayank Kumar Goyal	Indian	India	UPPER GROUND FLOOR, PLOT NO. - A - 225 , NEW PANCHWATI, GHAZIABAD, UTTAR PRADESH, INDIA 201001				
Ritu Dewan	Indian	India	I-31 ,SECTOR 12, NEAR METRO HOSPITAL, NOIDA, UTTAR PRADESH, INDIA 201301				
Deepti Sahu	Indian	India	G-98 , DELTA-2, GREATER NOIDA, UTTAR PRADESH, INDIA, 201306				
Gunjan Aggarwal	Indian	India	670 , RAM BAGH ROAD ,KACHA BAZAR, AMBALA CANTT , HARYANA , INDIA, 133001				
Jyotsna	Indian	India	DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING, SCHOOL OF ENGINEERING & TECHNOLOGY, SHARDA UNIVERSITY, PLOT NO. 32, 34, KNOWLEDGE PARK III, GREATER NOIDA, UTTAR				

			PRADESH, INDIA, 201310		
Vishal Gupta	Indian	India	CSE DEPARTMENT, MMEC, MM(DU), MULLANA, AMBALA, HARYANA, INDIA, 133207		
Rani Astya	Indian	India	48, FF, JAIPURIA ENCLAVE, KAUSHAMBI, GHAZIABAD, UTTAR PRADESH, INDIA, 201010		
Prof. Nitin Rakesh	Indian	India	A 513, JALVAYU TOWERS, SECTOR 47, NOIDA, UTTAR PRADESH, INDIA, 201301		
Prof. Parma Nand	Indian	India	48, FF, JAIPURIA ENCLAVE, KAUSHAMBI, GHAZIABAD, UTTAR PRADESH, INDIA, 201010		
5. TITLE OF THE INVENTION					
SYSTEM AND METHOD FOR MAINTAINING SOIL MOISTURE					
6. AUTHORISED REGISTERED PATENT		IN/PA No.	3973		
AGENT(S)		Name	Kumar Tushar Srivastava		
		Mobile No.	+91- 7290940009		
7. ADDRESS FOR SERVICE OF APPLICANT IN INDIA		Name	Kumar Tushar Srivastava		
		Postal Address	D-52, Paramount Golf Forest. Sector-Zeta-1, Greater Noida, UP-201306		
		Telephone No.			
		Mobile No.	+91- 7290940009		
		Fax No.			
		E-mail ID	smartpatenting@gmail.com		
8. IN CASE OF APPLICATION CLAIMING PRIORITY OF APPLICATION FILED IN CONVENTION COUNTRY, PARTICULARS OF CONVENTION APPLICATION					
Country	Application Number	Filing date	Name of the Applicant	Title of the Invention	IPC (as classified in the convention country)
9. IN CASE OF PCT NATIONAL PHASE APPLICATION, PARTICULARS OF INTERNATIONAL APPLICATION FILED UNDER PATENT CO-OPERATION TREATY (PCT)					
International application number			International filing date		
10. IN CASE OF DIVISIONAL APPLICATION FILED UNDER SECTION 16, PARTICULARS OF ORIGINAL (FIRST) APPLICATION					
Original (first) application No.			Date of filing of original (first) application		
11. IN CASE OF PATENT OF ADDITION FILED UNDER SECTION 54, PARTICULARS OF MAIN APPLICATION OR PATENT					
Main application/patent No.			Date of filing of main application		
12. DECLARATIONS					

(i) Declaration by the inventor(s)

(In case the applicant is an assignee: the inventor(s) may sign herein below or the applicant may upload the assignment or enclose the assignment with this application for patent or send the assignment by post/electronic transmission duly authenticated within the prescribed period).

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 : March 10, 2021

b) Signature (s)

c) Name(s) **DR. MANDEEP KAUR**

DR. MAYANK KUMAR GOYAL

RITU DEWAN

DEEPTI SAHU

GUNJAN AGGARWAL

JYOTSNA

VISHAL GUPTA

RANI ASTYA

PROF. NITIN RAKESH

PROF. PARMA NAND

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

(In case the applicant in India is different than the applicant in the convention country: the applicant in the convention country may sign herein below or applicant in India may upload the assignment from the applicant in the convention country or enclose the said assignment with this application for patent or send the assignment by post/electronic transmission duly authenticated within the prescribed period)

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 signatory :

iii) Declaration by the applicant(s)

I/We the applicant(s) hereby declare(s) that: -

- ☐ I am/ We are in possession of the above-mentioned invention.
- ☐ The provisional/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(s) to the grant of the Patent to me/us.
- ☐ I am/ We are the true & first inventor(s).
- ☐ I am/ We are the assignee or legal representative of true & first inventor(s).

- o 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).
- o 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.
- o My/our application in India is based on international application under Patent Cooperation Treaty (PCT) as mentioned in Paragraph-9.
- o 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 been filed on DD/MM/YYYY under section 16 of the Act.
- o The said invention is an improvement in or modification of the invention particulars of which are given in Paragraph-11.

13. FOLLOWING ARE THE ATTACHMENTS WITH THE APPLICATION

(a) Form 2

Item	Details	Fee	Remarks
Complete/ provisional specification)#	No. of pages =		
No. of Claim(s)	No. of claims = and No. of pages =		
Abstract	No. of pages =		
No. of Drawing(s)	No. of drawings = and No. of pages =		

In case of a complete specification, if the applicant desires to adopt the drawings filed with his provisional specification as the drawings or part of the drawings for the complete specification under rule 13(4), the number of such pages filed with the provisional specification are required to be mentioned here.

(b) Complete specification (in conformation with the international application)/as amended before the International Preliminary Examination Authority (IPEA), as applicable (2 copies).

(c) Sequence listing in electronic form

(d) Drawings (in conformation with the international application)/as amended before the International Preliminary Examination Authority (IPEA), as applicable (2 copies).

(e) Priority document(s) or a request to retrieve the priority document(s) from DAS (Digital Access Service) if the applicant had already requested the office of first filing to make the priority document(s) available to DAS.

(f) Translation of priority document/Specification/International Search Report/International Preliminary Report on Patentability.

(g) Statement and Undertaking on Form 3

(h) Declaration of Inventorship on Form 5

(i) Power of Authority

(j).....

Total fee..... in Cash/ Banker's Cheque /Bank Draft bearing No. Date..... on.....
..... Bank.

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

Date: March 10, 2021



Kumar Tushar Srivastava

IN/PA- 3973

Agent for the Applicant

To

The Controller of Patents

The Patent Office, At Delhi