FORM 1 (FOR OFFICE USE ONLY) Application No.: THE PATENTS ACT, 1970 (39 of 1970) Filing Date: The Patents Rules, 2003 Amount of Fees Paid: APPLICATION FOR GRANT OF PATENT [See section 7.54 & 135 and rule 20(1)] CBR No: Signature: 1. APPLICANT'S REFERENCE / IDENTIFICATION NO. (AS ALLOTTED BY OFFICE) 2. TYPE OF APPLICATION Convention () PCT-NP() Ordinary (✓) Divisional () Patent of Divisional () Patent of Divisional () Patent of Addition () Addition () Addition () 3A. APPLICANT(S) **COUNTRY OF NAME NATIONALITY ADDRESS** RESIDENCE SCO: 160-161, Sector - 9c, Madhya Chitkara Innovation Incubator Foundation IN IN Marg, Chandigarh- 160009, India. 3B. CATEGORY OF APPLICANT Other than Natural Person Natural Person () Small Entity () Startup (✓) Others () 4. INVENTOR(S) Are all the inventor(s) same as the applicant(s) No (\checkmark) Yes() named above? **COUNTRY OF NAME NATIONALITY ADDRESS** RESIDENCE #706, Sector-11, Panchkula, Haryana -**ADITYA** IN IN 134109, India. **5. TITLE OF THE INVENTION:** METHOD AND SYSTEM FOR IMPLEMENTING ONE OR MORE OF BOOLEAN GATE FUNCTIONS IN/PA No. 1325 Name Tarun Khurana 9810617992 Mobile No. IN/PA No. 1609 Name Meenakshi Mobile No. 9910307992 IN/PA No. 1722 Name Abhishek Pandurangi 6. AUTHORIZED REGISTERED PATENT AGENT(S) Mobile No. 9920866540 IN/PA No. 2066 Name Antony David Mobile No. 9884411536 IN/PA No. 2553

Name

Tapan Shah

7. ADDRESS FOR SERVICE OF APPLICANT IN INDIA Postal Address Noida 201310, UP, National Capital Region, India. Telephone No. 0120- 4296878/4909201 Mobile No. 9810617992 Fax No. 0120- 4516201 E-mail ID info@khuranaandkhurana.com tarun@khuranaandkhurana.com tarun@khuranaandkhurana.com COUNTRY, PARTICULARS OF CONVENTION APPLICATION IPC (as classified	IN/PA No. 2194							,	
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Mobile No. 9810617992 Fax No. 0120-4516201 E-mail ID info@khuranaandkhurana.com tarun@khuranaandkhurana.com tarun@khuranaandkhurana.com 8. IN CASE OF APPLICATION CLAIMING PRIORITY OF APPLICATION FILED IN CONVENTION COUNTRY, PARTICULARS OF CONVENTION APPLICATION Country Application No. Filing Date Name of Applicant Title of Invention in the convention country)	Mobile No. 9810617992 Fax No. 0120-4516201 E-mail ID info@khuranaandkhurana.com tarun@khuranaandkhurana.com tarun@khurana.com tarun@khuran				Telephone No.				
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E-mail ID info@khuranaandkhurana.com tarun@khuranaandkhurana.com tarun@khuranaandkhurana.com 8. IN CASE OF APPLICATION CLAIMING PRIORITY OF APPLICATION FILED IN CONVENTION COUNTRY, PARTICULARS OF CONVENTION APPLICATION Country Application No. Filing Date Name of Applicant Title of Invention 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 No. International filing date as allotted by the receiving office - 10. IN CASE OF DIVISIONAL APPLICATION FILED UNDER SECTION 16, PARTICULARS OF	8. IN CASE OF APPLICATION CLAIMING PRIORITY OF APPLICATION FILED IN CONVENTION COUNTRY, PARTICULARS OF CONVENTION APPLICATION Country Application No. Filing Date Name of Applicant Title of Invention in the convention country)								
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International Application No. International filing date as allotted by the receiving office	International Application No. International filing date as allotted by the receiving office 10. IN CASE OF DIVISIONAL APPLICATION FILED UNDER SECTION 16, PARTICULARS OF ORIGINAL (FIRST) APPLICATION							IIN I EKNA I IUN	AL.
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	Nil	Nil
11. IN CASE OF	PATENT OF ADDITION FILED UNDER S	ECTION 54, PARTICULARS OF MAIN
APPLICATION	N OR PATENT	
	Main Application/Patent No.	Date of filing of Main Application
	Nil	Nil
12. DECLARA	ΓΙΟΝS	
(i) Declaration	s by Inventor(s)	
We, the above r	named inventor(s) is/are the true & first inventor	or(s) for this invention and declare that the applicant(s)
herein is/are my/	our assignee or legal representative.	
•		
Signature		
Name(s)	ADITYA	
(ii) Declaration	by the Applicant(s) in the convention country	ÿ
We, the Applic	ant(s) in the convention country declare that	the applicant (s) herein is/are my/our assignee or legal
representative.		
Date:		
Signature:		
Name(s)		

(iii) Declaration by the Applicant(s)

I/We hereby declare(s) that

- ✓ I am /We are in possession of the above mentioned invention.
- ✓ 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 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 Inventors.
- En The application or each of applications, particulars of which are given in para 8, was the first application in convention country / countries in respect of my/our invention.
- We claim priority from the above mentioned application(s) filed in convention country/countries and state that no application for protection in respect of the invention has been made in a convention country before that date by me/us or by any person from which I/We derive the title.
- 🗷 Our application is based on International application under Patent Cooperation Treaty as mentioned in para 9.
- ☑ The application is divided out of my/our application particulars of which are given in para -10 and pray that this application may be treated as deemed to have been filed on N/A under section 16 of the Act.
- E The said invention is an improvement in or modification of the invention particulars of which are given in para 11.

13. Following are the attachments with the application: (General Requirements)

a. Form 2

Item	Details	Fee	Remarks	
Complete Specification	No. of pages: 13			
No. of Claim(s)	No. of claims: 10 and No. of pages: 2			
Abstract	No. of pages: 2			
No. of Drawing(s)	No. of pages: 3 No. of drawings: 3			
b. Complete specification (in conformation with the international application)/as amended before the International				

- 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

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I/We 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: 03rd day of June, 2021

Signature

Name of the signatory TARUN KHURANA[IN/PA-1325]

AGENT FOR THE APPLICANT Khurana & Khurana, Advocates and IP Attorneys

To,

The Controller of Patents,

The Patent Office, at Delhi