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CERTIFICATE OF REGISTRATION
DESIGN

Design number: 202213902

The Registrar of Designs has registered the design represented on this certificate and certifies that the following particulars have been entered in the Register of Designs.

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Product to which the design is registered:

ROBOTIC DEVICE TO SPRAY MEDICATION ON PLANTS

Name of designer(s):

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Date of filing:

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11 August 2022

Term of initial registration:

Five years commencing on 7 July 2022

Statement of newness and distinctiveness:

The features of Shape and Configuration of the ROBOTIC DEVICE TO SPRAY MEDICATION ON PLANTS as shown in the accompanying representations are considered to be new and distinctive,

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Dated this 11th day of August 2022

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Design Application Details

Application Number:	366529-001
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Cbr Date:	22/06/2022 08:56:47
Applicant Name:	1. Dr. Patil Anita Parashram 2. Dr.Ravindra Yadav Bhandare 3. Dr. Purushottam Rambhau More 4. Dr. Dhirendra Kumar 5. Mr. Jige Sandipan Babasaheb 6. Dr. Pathan Tanvir Ahmed Khan Sarwar Khan

Design Application Status

Application Status:	Application Under Process(wating for Technical Examination)

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(57) Abstract :
This invention describes a robotic device for a green prevention and treatment method for tobacco diseases and insect pests. The robotic device is made smart to identify the disease and is programmed with machine learning to use its intelligence to store data regarding the type, occurrence, frequency of occurrence, plausible cause, method, prevention and another requirement to feed only the required medication to individual plant than overfeeding the plants in the farm. It is designed with an automated mechanism to identify different types of diseases caused by different types of pathogens, viruses and bacteria and to feed them with the required quantity of medication or notify the required procedure to be done to control the spread to protect the crop Smart system to automatically detect diseases in tobacco plantations and a mechanism to protect farming.

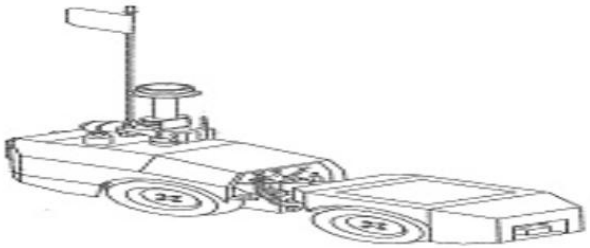

FIGURE – 1

No. of Pages : 21 No. of Claims : 7