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(54) Title of the invention : DESIGNING A NEW AND EFFICIENT MODEL FOR OUR TRADITIONAL FOOD PRODUCTION: RAGI KALI

(51) International classification :C07D 249/08
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(57) Abstract :
Kali is a traditional food of Tamil Nadu and South India which is very healthy and tasty. The art of making kali is a skill which takes effort to produce the desired output and the art of making this food is known by few people. To enrich the value of our traditional food, The Ragi Kali Making Machine has been invented. In India over 30 million people have been diagnosed with diabetics and Ragi Kali is a very good diet for diabetics. The Ragi Kali making machine focuses on converting liquid flour mixture into semi-solid or solid mixture according to the desire of the consumer.

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(21) Application No.202041049010 A
(43) Publication Date : 20/11/2020

(54) Title of the invention : FARMERS HELPING HAND 2.0: A NEW TECHNOLOGICAL SYSTEM FOR MONITORING AND PROTECTING THE AGRICULTURAL FIELD IN ALL WEATHERS

(51) International classification :G06Q10/10
(31) Priority Document No :NA
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(86) International Application No :NA
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(57) Abstract :
As new technologies have been introduced and utilized in modern world, there is a need to bring advancement in the field of agriculture also. Various Researches have been undergone to improve crop cultivation and have been widely used. In order to improve the crop productivity efficiently, it is necessary to protect the crop field from animals and fire environmental conditions in and around the field. The parameters that have to be properly monitored to enhance the yield are soil characteristics, weather conditions, moisture, temperature, etc., Internet of Things (IOT) is being used in several real time applications. The introduction of IoT along with the sensor network in agriculture refurbishes the traditional way of farming. Online crop monitoring using IOT helps the farmers to stay connected to his field from anywhere and anytime. Various sensors are used to monitor and collect information about the field conditions. Collectively the crop field condition is sent to the farmer through GSM technology.

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(21) Application No.202141001096 A
(43) Publication Date : 15/01/2021

(54) Title of the invention : IMPLEMENTATION OF AUTOMATIC SMART IRRIGATION CONTROL SYSTEM USING ELECTRIC SOLENOID VALVE

(51) International classification :G05D7/0617
(31) Priority Document No :NA
(32) Priority Date :NA
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(86) International Application No :NA
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(87) International Publication No : NA
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(57) Abstract :
Agriculture is the main source of food for all human beings. Water is the inevitable parameter for agriculture. Sometimes water drawn for agriculture is more than needed capacity and sometimes the water drawn is less than the needed capacity which indicates lack of water management. To properly channel the irrigation system, we have designed a system which is very effective and affordable for the farmers. Due to water scarcity and the high labour cost, farmers stop doing agriculture. The purpose of this system is to help farmers and to motivate them to do agriculture more and to ensure that all crops are having enough water for their healthy growth.

No. of Pages : 5 No. of Claims : 3

(12) PATENT APPLICATION PUBLICATION
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(21) Application No.202141011512 A
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(54) Title of the invention : APPLICATION OF SWITCH TYPE MULTI AMP MOBILE CHARGER USING SINGLE USB PORT

(51) International classification	:H02J0007000000, H02J0007020000, F02B0037000000, G03G0015020000, B01D0053620000
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(57) Abstract :
The mobile phones are nowadays used by all aged peoples, so that production of mobile chargers are also huge and to avoid the production of mobile chargers and in that case some of the chargers are also failed means there is increase of E-Waste to avoid that production of large amount of production of mobile chargers. In order to avoid the production of huge amount of mobile chargers, We have proposed the system which we can adjust the amps in mobile charger adaptor means we can use the same mobile charger adaptor for the different mobile phones and in this proposed system in the key challenge is to make the system more protective, Efficient and the system should be cheap.

No. of Pages : 9 No. of Claims : 5