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Patent Search

Invention Title	AN INTERNET OF THINGS-BASED INDOOR IRRIGATION SYSTEM AND ITS METHOD THEREOF
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Abstract:

The present invention generally relates to an indoor irrigation system comprises a user interface installed on a user computing device to generate a command signal for w one or more plants remotely; a router installed inside a building to establish connection with the user interface; and a portable body comprises: a control unit connected t router through a Wi-Fi device coupled with the control unit to receive the command signal generated by the user interface and configured to generate a controlling signal; motor coupled to the control unit to dispense water into one of the pot or irrigation area upon receiving the controlling signal generated by the control unit; a control cent maintain pre-set temperature, humidity, carbon dioxide, watering and lighting levels to achieve predetermined plant growth.

Complete Specification

DESC:FIELD OF THE INVENTION

The present disclosure relates to smart irrigation systems, in more details, an internet of things-based indoor irrigation system and method to remotely irrigate the indo plants.

BACKGROUND OF THE INVENTION

In the past few years, most of us have found comfort in home gardening. From starting with easy-to-maintain plants to creating an indoor sanctuary, the pandemic has turned many of us into avid plant parents. Even it does not only give the home a nice decor but it's proven that indoor plants are beneficial for health also. But now, as w slowly resume travelling and working, taking care of the plants, watering them has become a task we need to find time for. For most of us, gardening starts as a stress buster. But who would have thought taking care of these plants is harder than forecasted? If you are one of those, don't worry, we have got you covered. Internet of Things(IoT) has changed the idea of home gardening and planting. Now it's time for us to switch towards smart innovative appliances which will help your indoor plants t grow healthy.

Urban families love indoor gardening but the hassles of watering the plants on time are what turns them off. While they are out for work or out for a vacation, they pass

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