

(54) Title of the invention : SMART IRRIGATION SYSTEM FOR AGRICULTURAL PURPOSES

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(57) Abstract :

Agriculture is an important aspect of countries like India. The major occupation of Indian population depends upon agriculture for their livelihood almost 58% of rural household. The prosperity and economic condition of the country mainly depends upon the growth in agriculture to the large extent. All over the world, India is the second largest producer of food. Worldwide it is the second largest food producer. But currently most of the farmers are quitting agriculture due to many reasons such as lack of labors, water scarcity, less prices etc. In this major reason for quitting is the lack of labors so it is difficult to maintain irrigation system in the agricultural field. In order to overcome these issues, in this project the irrigation system is controlled by using remote control so that the farmer can maintain their fields without any labors help. Due to this proper irrigation system can be maintained and water can be saved to the greater extend.The concept of remote-controlled irrigation system with the help of voice commands was designed prior.

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