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(11) Utility model Number: 165

(24) Registration date: 26/09/2017

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## (12) UTILITY MODEL

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(21) **Application Number:**  
2017/818

(22) **Filing Date:**  
13/06/2017

(73) **Owner:**  
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(51) Int.Cl.2016.01: A 01G 25/00, 25/16

(54) **Title:** AUTOMATIC IRRIGATION MANAGEMENT SYSTEM

(57) **Abstract:** The present invention discloses an irrigation manager comprising electric circuit, sensors, pipes and water tank or source. It is designed to assist in the management of irrigating the farm automatically when the farmer is busy elsewhere attending to other chores and errands. The invention is designed according to Fig.1-3below. It water the crops when the soil water content falls down to a level below that desired for the crop survival and health growth. The watering frequency can be adjusted to suit different crops being managed in the farm as per the demand. This system saves the farm owner cost in hiring the necessary labour for the same work as well as avoiding over watering the crops resulting to soggy soil which lead to diseases such as root rot and other fungi related disease. The crop yield is increased since the crop gets watered as necessary.