

(54) Title of the invention : AN APPARATUS FOR DISPENSING PLANT NUTRIENT

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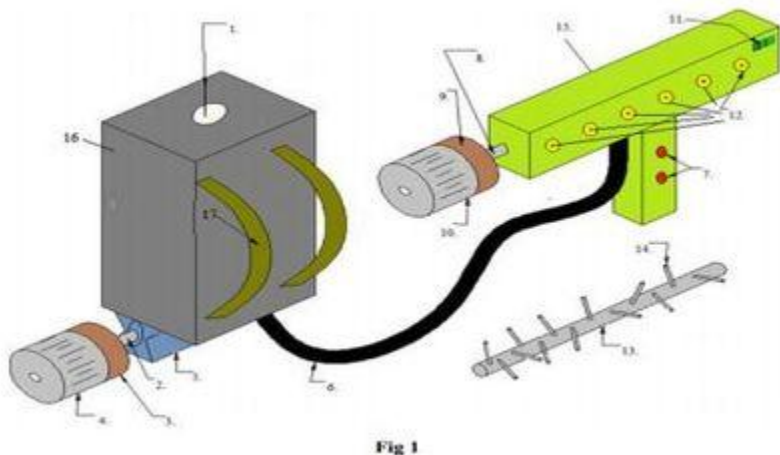
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## (57) Abstract :

The present disclosure relates to an automatic plant nutrient dispensing apparatus for dispensing the nutrient in a farm. The apparatus is controlled through a processor that determines the amount of green color in the farm by capturing a plurality of images using a one or more of optical sensors. Upon the green color in the images being matched to a threshold value, automatic spraying of the nutrient from the nutrient spreader is initiated. The spreader has one or more spray nozzles for dispensing the nutrient. Also, the amount of the nutrients to be sprayed on the farm can be controlled. FIG. 1



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