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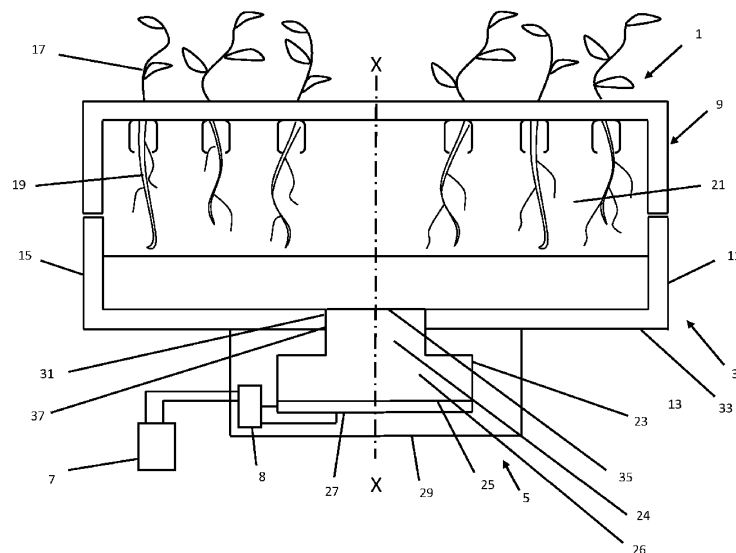


Figure 1

(57) Abstract: An aeroponics apparatus 1,201 comprising a grow bed 3,203 with a reservoir 11,211 for containing a liquid or a solution. An ultrasonic nebulizer module 5,205 is attached to the grow bed 3,203. The ultrasonic nebulizer module 5,205 comprises an ultrasonic horn 23,223 having an input end 25,225 connected to an ultrasonic transducer 27,227 and an output tip 35,235. The ultrasonic horn 23,223 is in contact with a wall 33,233 of the reservoir 11,211.

[Continued on next page]

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