

(54) Title of the invention : SUSCEPTOR AIDED PRODUCTION OF STEAM USING MICROWAVE OVEN

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(57) Abstract :

The titled invention Susceptor aided production of steam using microwave oven discloses the objective to propose the incorporation of susceptors in order to assist the microwave boiling of water. This has significant advantages in terms of heating rate enhancement and cost mitigation. This approach can be deployed in numerous applications such as Sterilization of surgical equipment and face masks, Pesticide, insecticide, and pathogen removal from vegetable surfaces, Waste water purification, and Distilled water production.

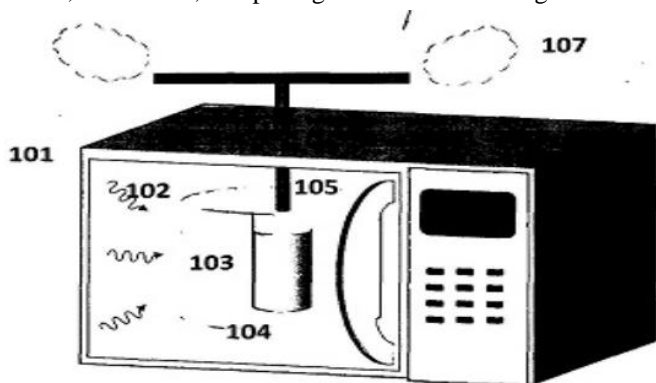


Figure - 1

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