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United States Patent [19]
Laroussi

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[54] **STERILIZATION OF LIQUIDS USING PLASMA GLOW DISCHARGE**

[75] Inventor: **Mounir Laroussi**, Knoxville, Tenn.

[73] Assignee: **The University of Tennessee Research Corporation**, Knoxville, Tenn.

[21] Appl. No.: **747,091**

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Related U.S. Application Data

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[51] **Int. Cl.**⁶ **A23L 3/3409**; A61L 2/14; C02F 1/00

[52] **U.S. Cl.** **422/23**; 422/21; 422/22; 422/28; 422/41; 204/164; 426/237; 210/764; 428/224; 315/111.21

[58] **Field of Search** 204/164; 422/21, 422/22, 23, 28, 41; 426/237; 210/764; 315/111.21; 428/224

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Primary Examiner—James C. Housel

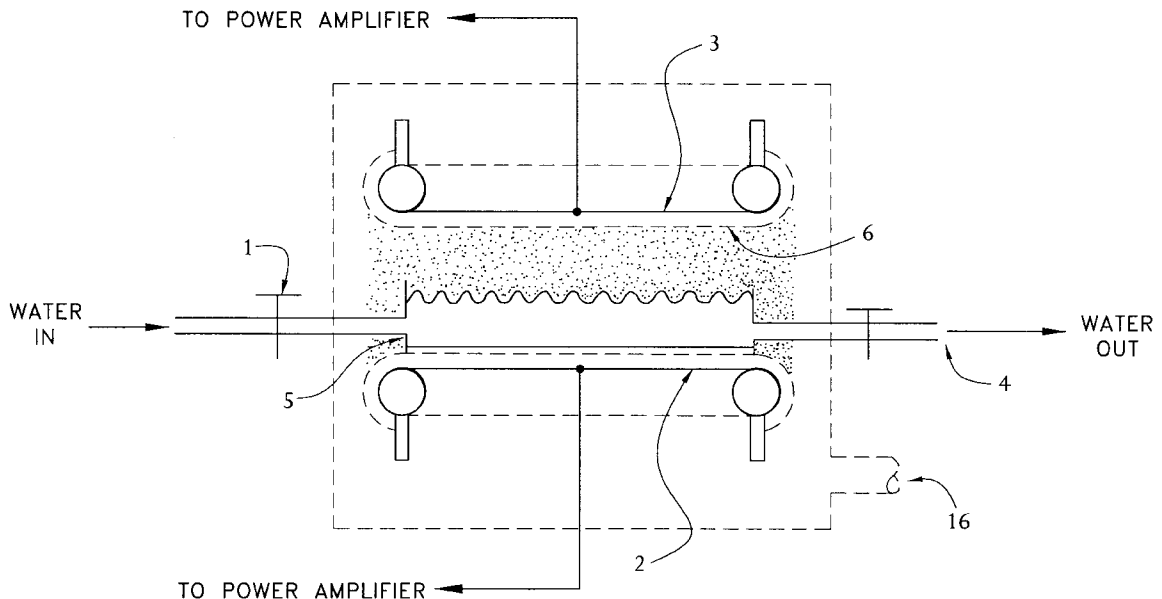
Assistant Examiner—Phuong T. Bui

Attorney, Agent, or Firm—Weiser and Associates, P.C.

[57] **ABSTRACT**

A method and apparatus are disclosed for sterilization of liquids using a steady-stage glow discharge apparatus, at one atmosphere.

14 Claims, 6 Drawing Sheets



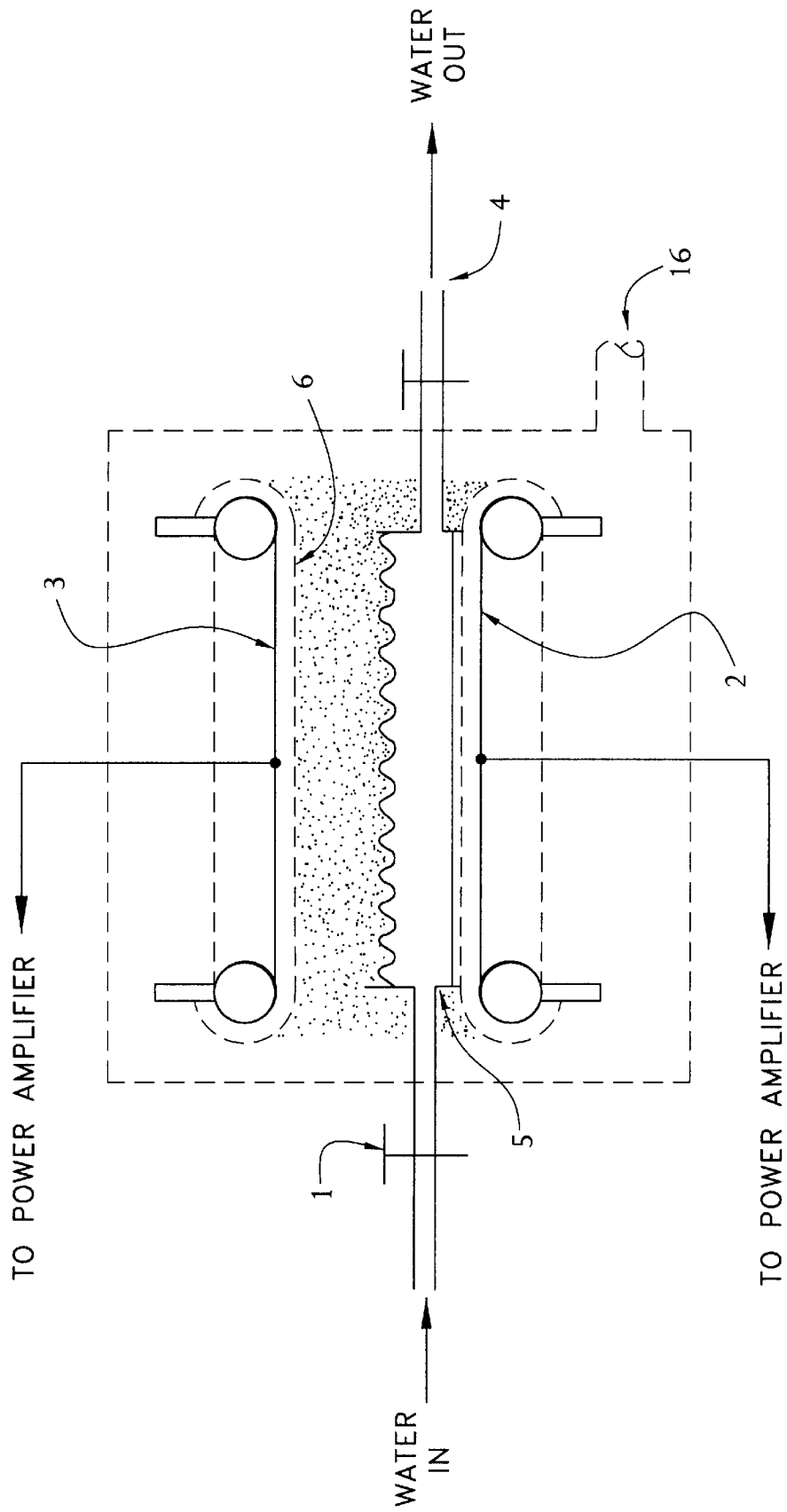


FIG. 1

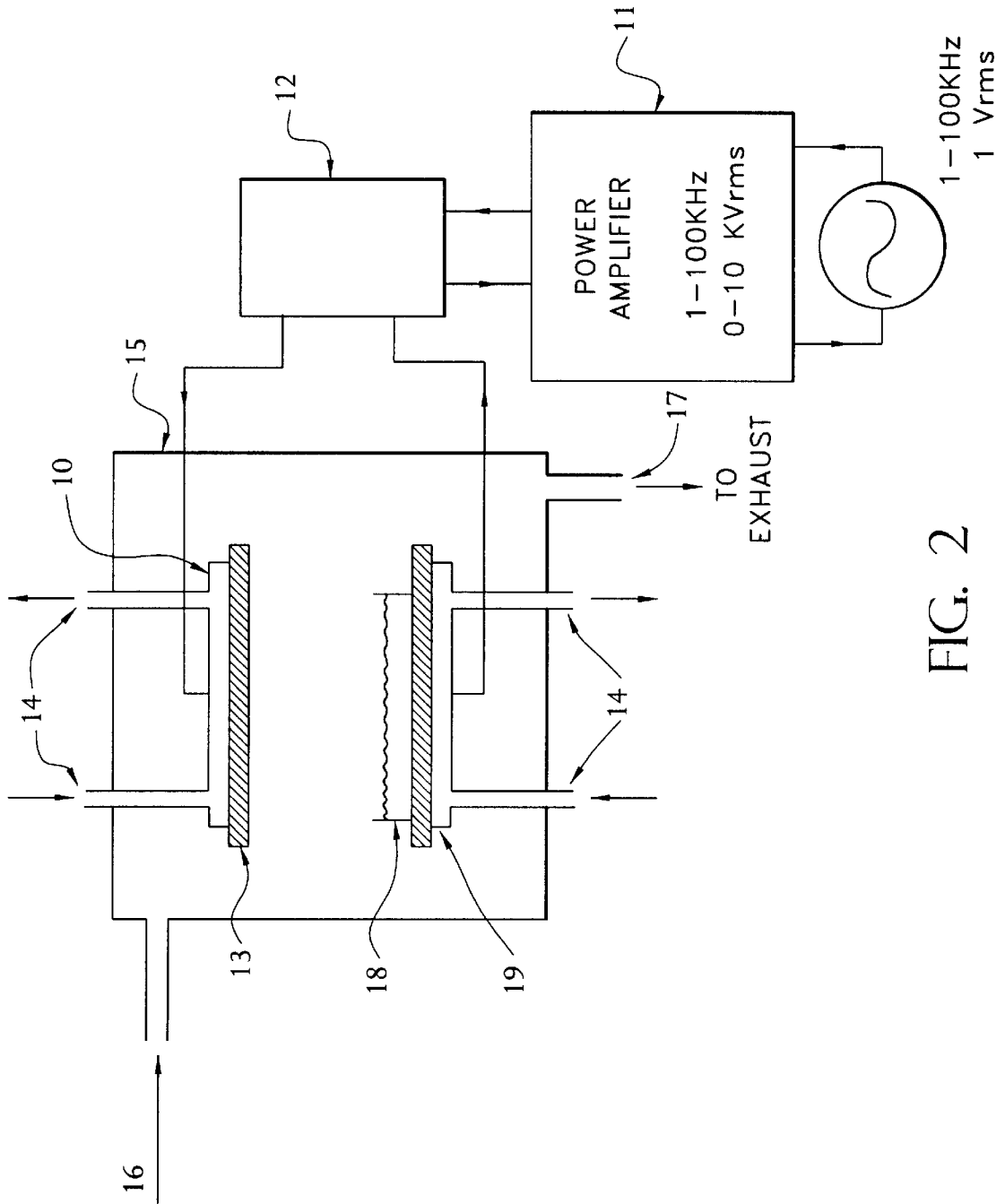


FIG. 2

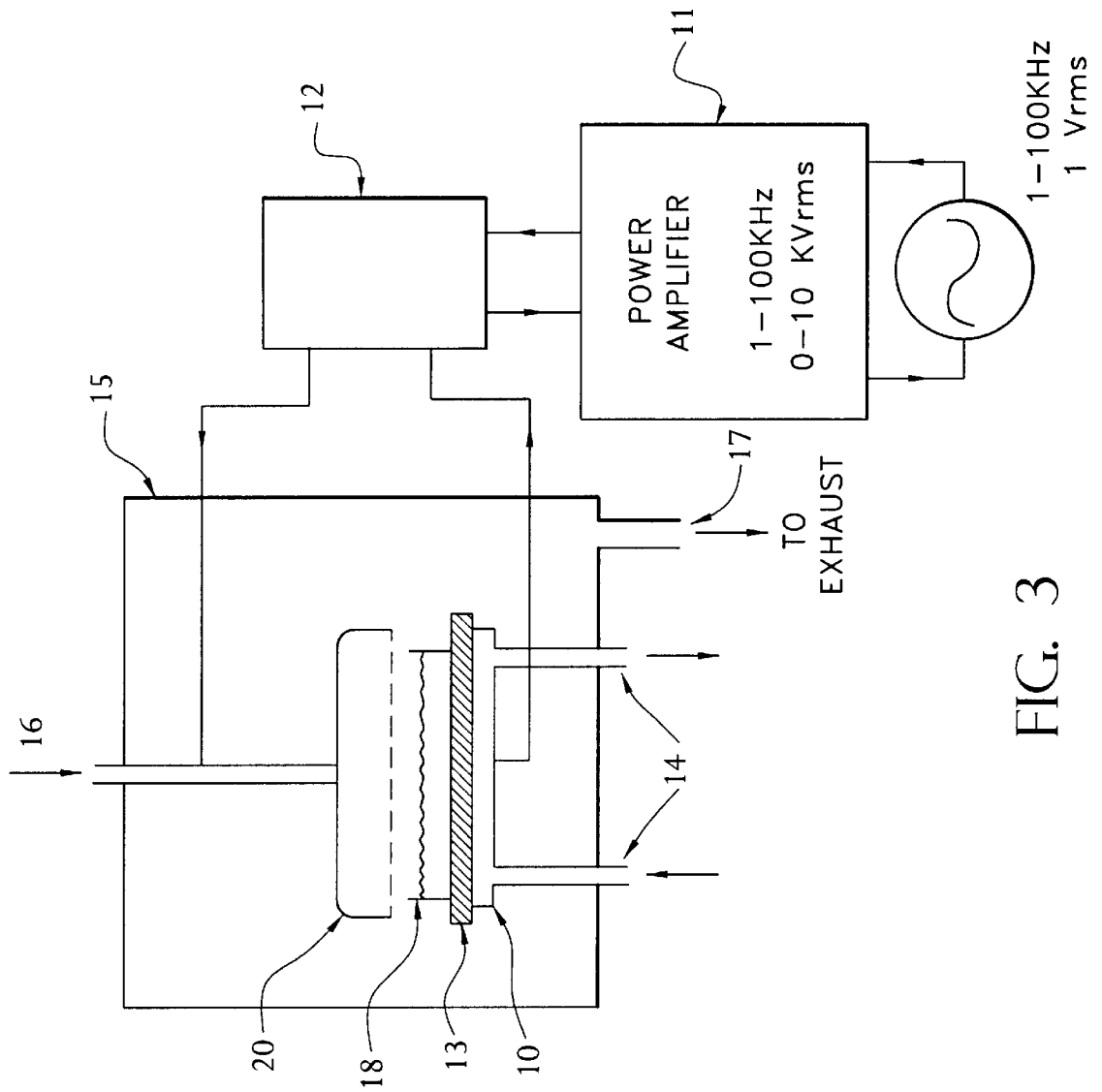


FIG. 3