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(12) **United States Design Patent**
Doba

(10) **Patent No.: US D494,551 S**
(45) **Date of Patent: ** Aug. 17, 2004**

(54) **EXHAUST RING FOR MANUFACTURING SEMICONDUCTORS**

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(73) Assignee: **Tokyo Electron Limited**, Tokyo (JP)

(**) Term: **14 Years**

(21) Appl. No.: **29/183,528**

(22) Filed: **Jun. 12, 2003**

(30) **Foreign Application Priority Data**

Dec. 12, 2002 (JP) 2002-034493

(51) **LOC (7) Cl.** **13-03**
(52) **U.S. Cl.** **D13/182**
(58) **Field of Search** D13/182; D8/399; D15/144; 118/666, 715, 733; 219/444.1; 414/147, 217, 247, 935–941; 438/482, 706, 716, 758; 451/285

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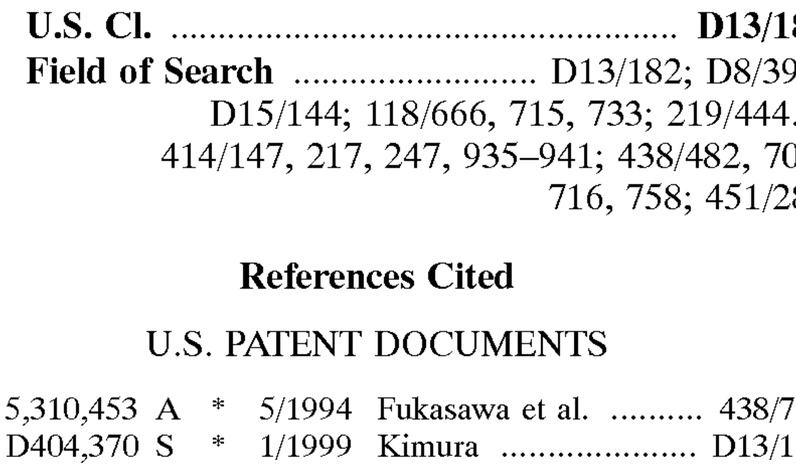
(57) **CLAIM**

I claim the ornamental design for exhaust ring for manufacturing semiconductors, as shown and described.

DESCRIPTION

FIG. **1** is a front/top perspective view of an exhaust ring for manufacturing semiconductors showing my new design;
FIG. **2** is a top plan view thereof, the bottom plan view being a mirror image and, therefore, not shown;
FIG. **3** is a front elevational view thereof, the left-side elevational view being a mirror image and, therefore, not shown;
FIG. **4** is a right-side elevational view thereof;
FIG. **5** is a rear elevational view thereof;
FIG. **6** is a reference front elevational view thereof;
FIG. **7** is a right-side cross-sectional view taken along line **7—7** in FIG. **6**; and,
FIG. **8** is an enlarged, partial, cross-sectional view taken along line **8—8** in FIG. **7**.
The exhaust ring for manufacturing semiconductors is used in a vacuum vessel for manufacturing semiconductors.

1 Claim, 2 Drawing Sheets



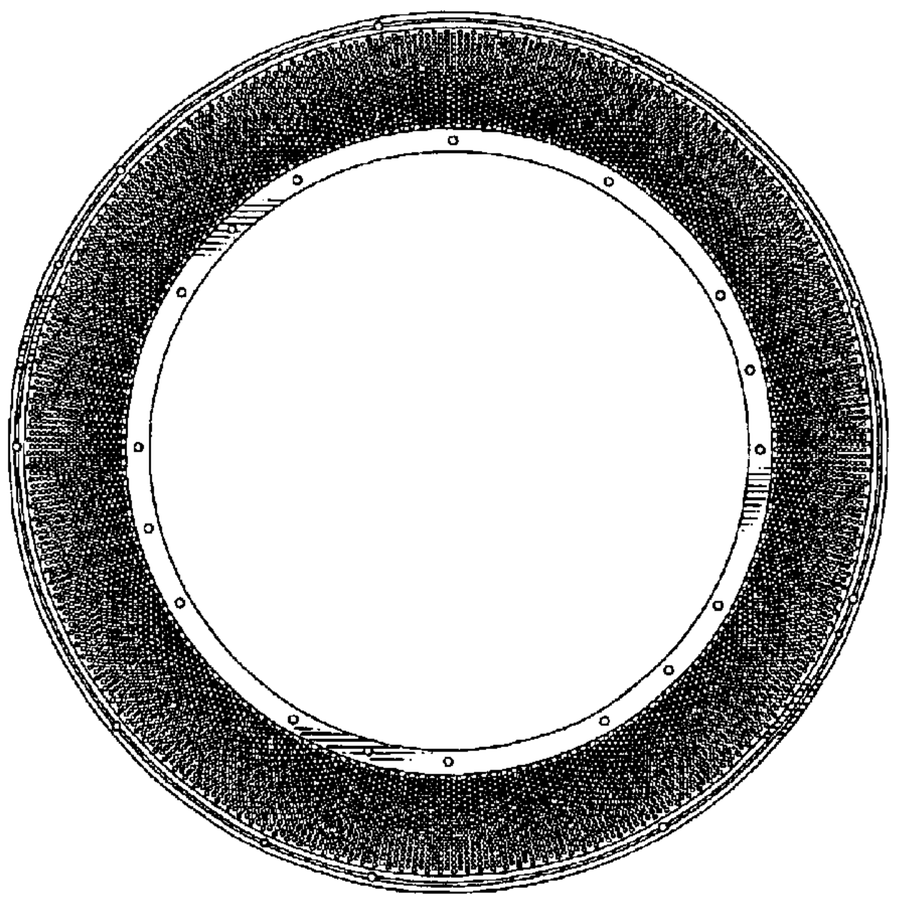


FIG. 1

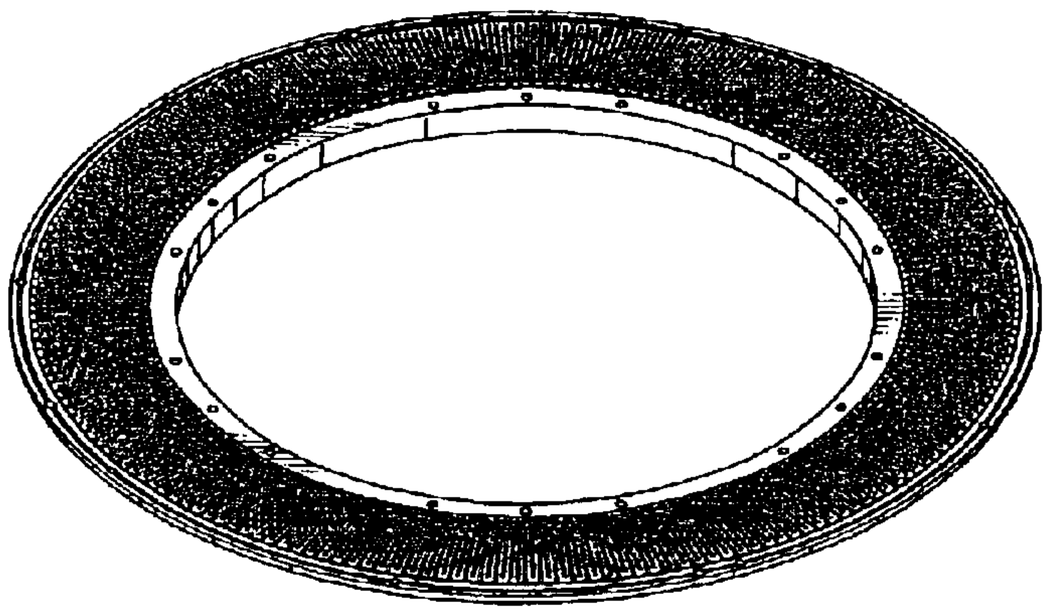


FIG. 2

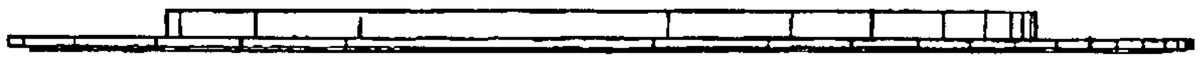


FIG. 3

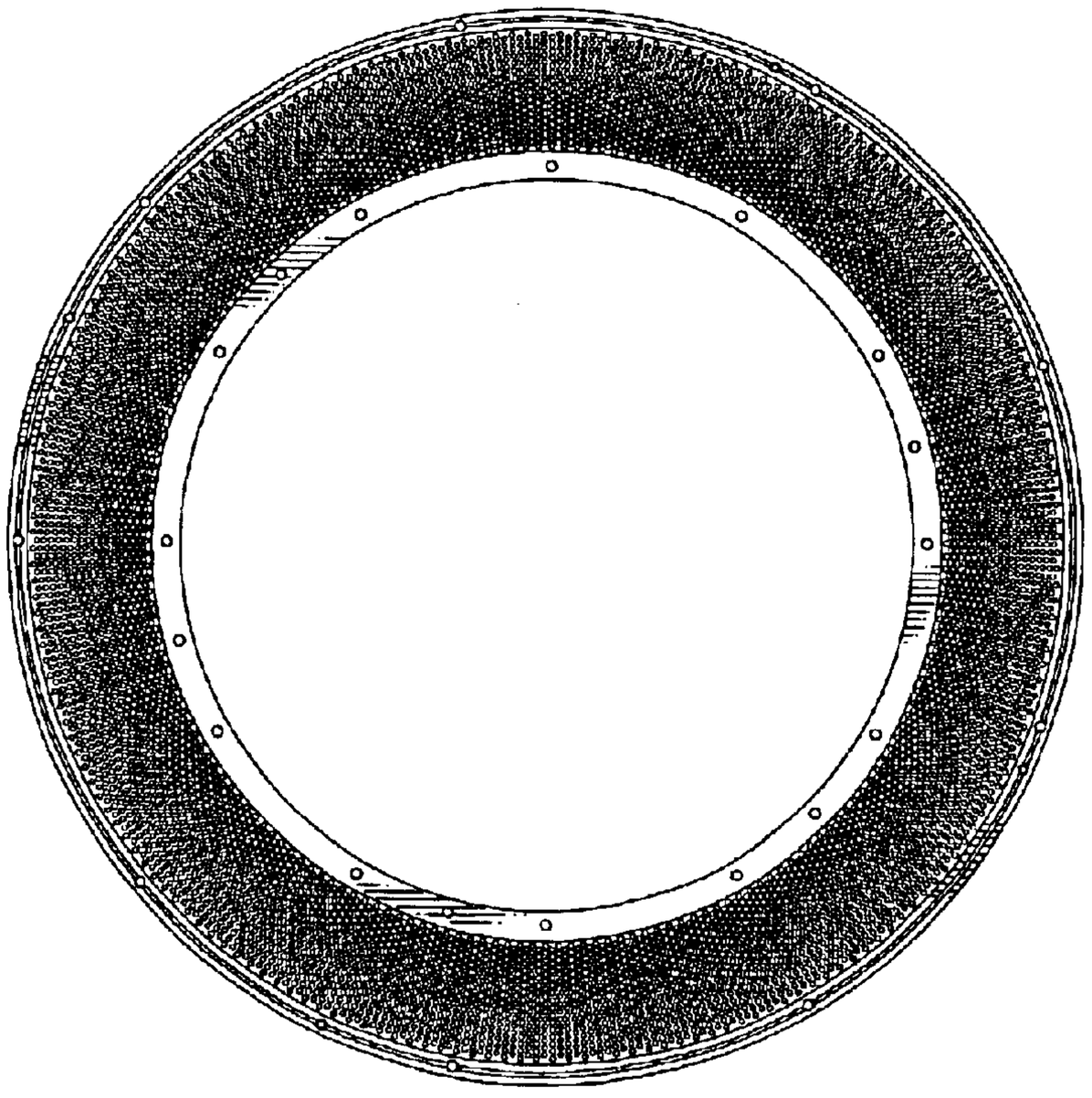


FIG. 4

FIG. 5

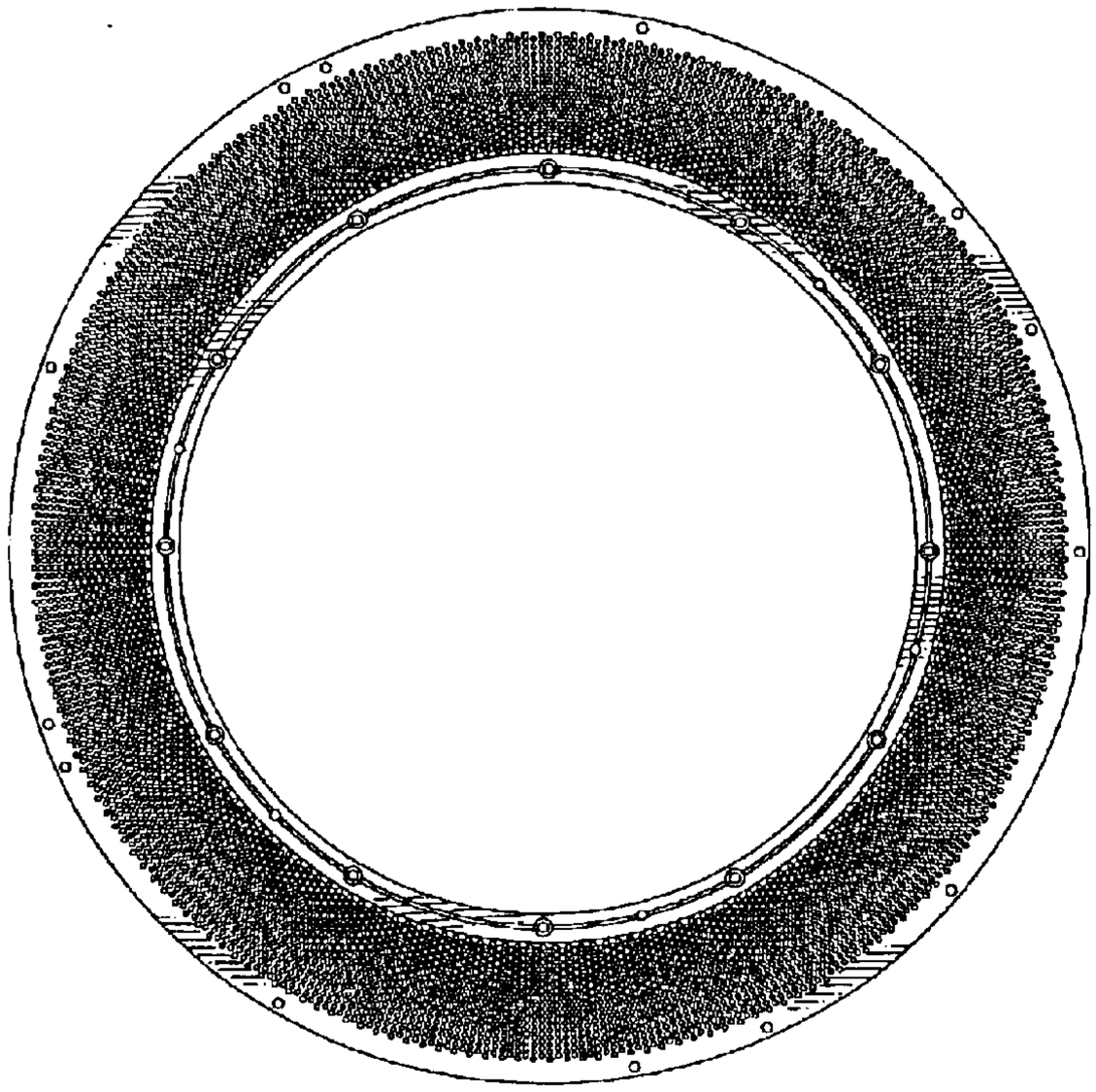


FIG. 6

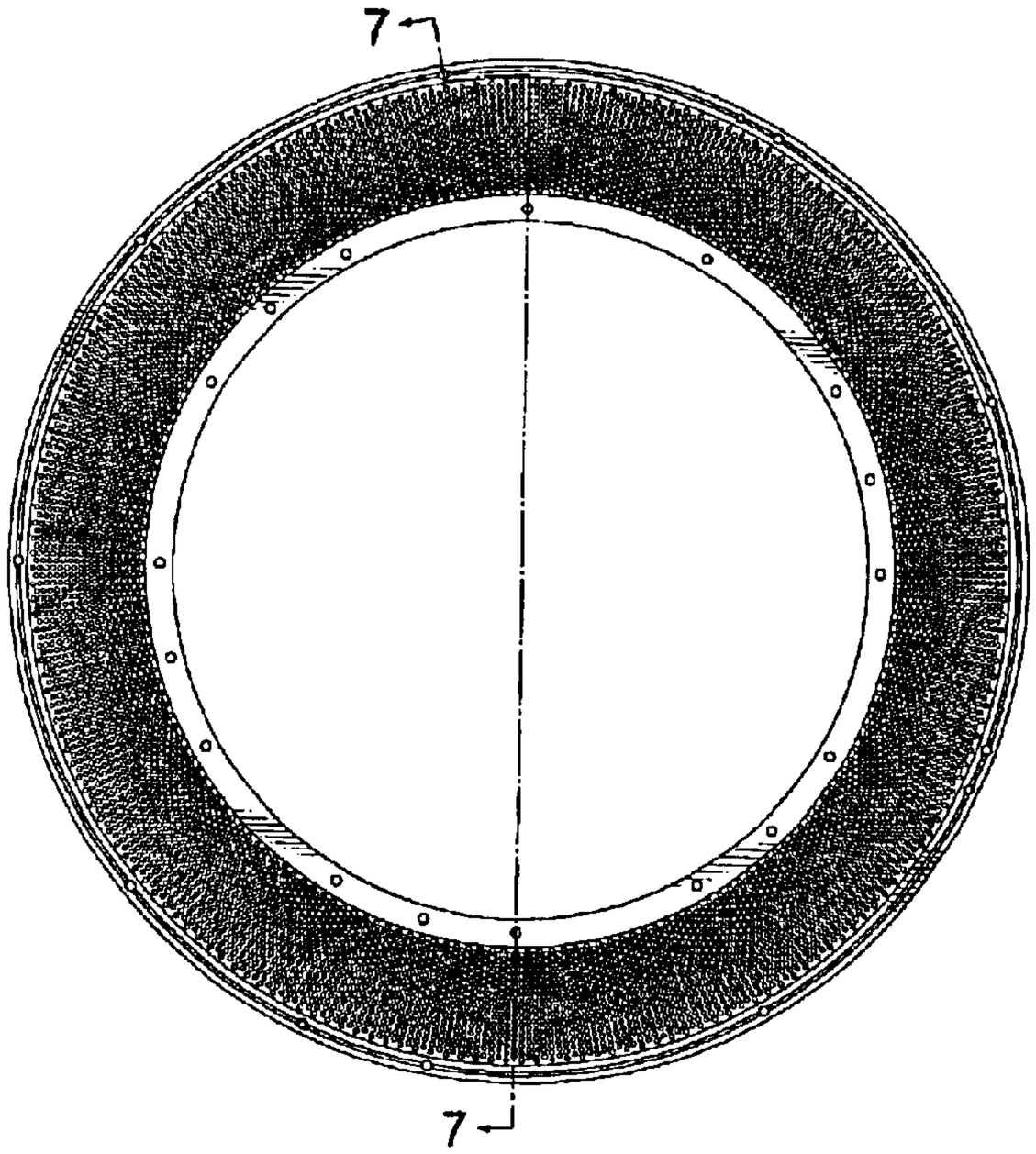


FIG. 8

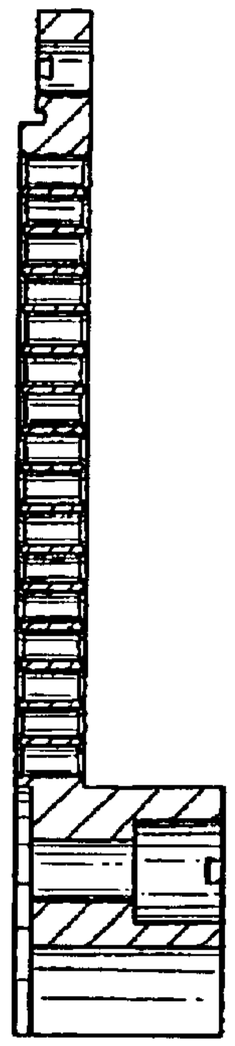


FIG. 7