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(12) **United States Design Patent**
Lee et al.

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(54) **GAS SUPPLY PLATE FOR SEMICONDUCTOR MANUFACTURING APPARATUS**

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(58) **Field of Classification Search**
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(57) **CLAIM**

The ornamental design for a gas supply plate for semiconductor manufacturing apparatus, as shown and described.

DESCRIPTION

FIG. 1 is a perspective view of a gas supply plate for semiconductor manufacturing apparatus showing my new design;

FIG. 2 is a front elevational view thereof;

FIG. 3 is a rear elevational view thereof;

FIG. 4 is a left side elevational view thereof;

FIG. 5 is a right side elevational view thereof;

FIG. 6 is a top plan view thereof;

FIG. 7 is a bottom plan view thereof;

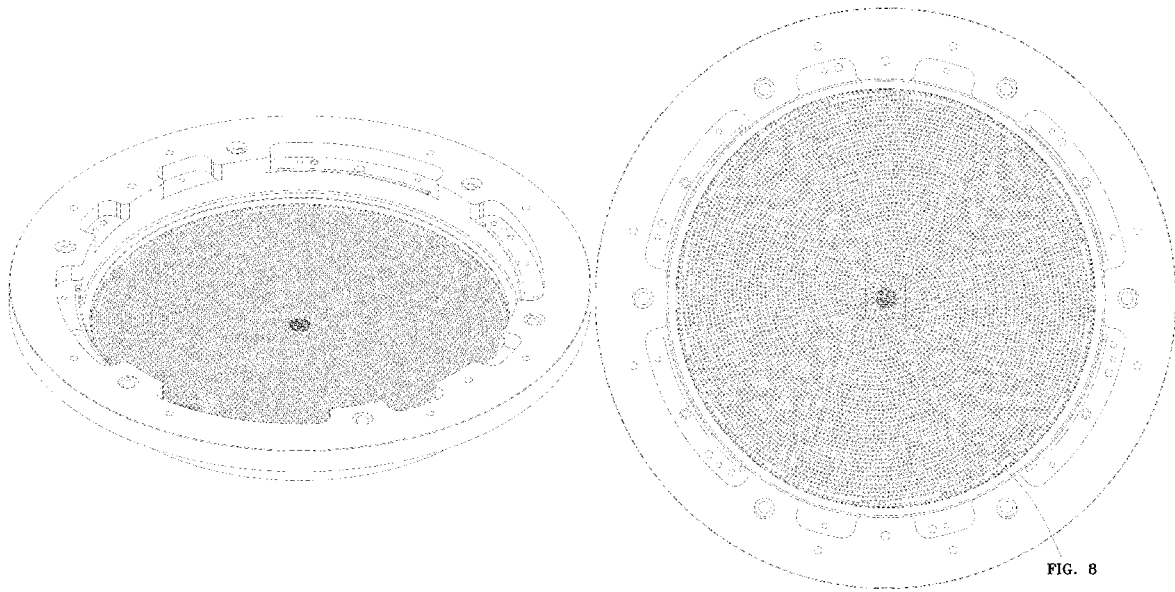
FIG. 8 is an enlarged view of the portion labeled "FIG. 8" indicated in FIG. 6;

FIG. 9 is an enlarged view of the portion labeled "FIG. 9" indicated in FIG. 7; and,

FIG. 10 is a cross sectional view taken along line 10-10 in FIG. 9.

The even dashed broken lines shown in the drawings represent portions of the gas supply plate for semiconductor manufacturing apparatus that form no part of the claimed design. The dashed-dot-dashed lines represent the boundary of the claimed portions and unclaimed portions of the claimed design. The claimed portion is directed to the solid circles shown within the dashed-dot-dashed lines, which appear at the center region of the gas supply plate.

1 Claim, 6 Drawing Sheets



(58) **Field of Classification Search**

CPC H01J 37/32623; H01J 37/32633; H01J 37/32642; H01J 37/32; H01J 37/3244; H01J 37/32449; H01L 21/67; H01L 21/67011; H01L 21/67063; H01L 21/67069; H01L 21/6708; H01L 21/68098; H01L 21/67109; H01L 21/6875; H01L 21/68714; F27B 15/00; F27B 15/006; F27B 15/10; C30B 31/10; C30B 31/16; C30B 31/165; C30B 31/14; C30B 33/12; F27D 5/00; F27D 5/0037; F27D 7/02; F27D 7/00; F27D 7/023; G21D 9/673; G21D 9/675; G21D 9/677; G21D 9/42; G21D 9/54; G21D 9/0025; B21C 47/26; C23C 16/4412; C23C 16/44; C23C 16/4401; C23C 16/4402; C23C 16/4404; C23C 16/4405; C23C 16/4408; C23C 16/455; C23C 16/45517; C23C 16/45519; C23C 16/45521; C23C 16/45559; C23C 16/45563; C23C 16/45565; C23C 16/45568; C23C 16/4557; C23C 16/45587; C23C 16/458; C23C 16/4581; C23C 16/4582; C23C 16/4584; C23C 16/46; C23C 16/466

See application file for complete search history.

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JPO; Office Action dated May 8, 2018 in Application No. 2014-205548.
JPO; Notice of Allowance dated May 22, 2018 in Application No. 2014-216540.
JPO; Office Action dated Jul. 31, 2018 in Application No. 2015-034774.
KIPO; Notice of Allowance dated Sep. 29, 2016 in Application No. 10-2010-0028336.
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FIG. 1

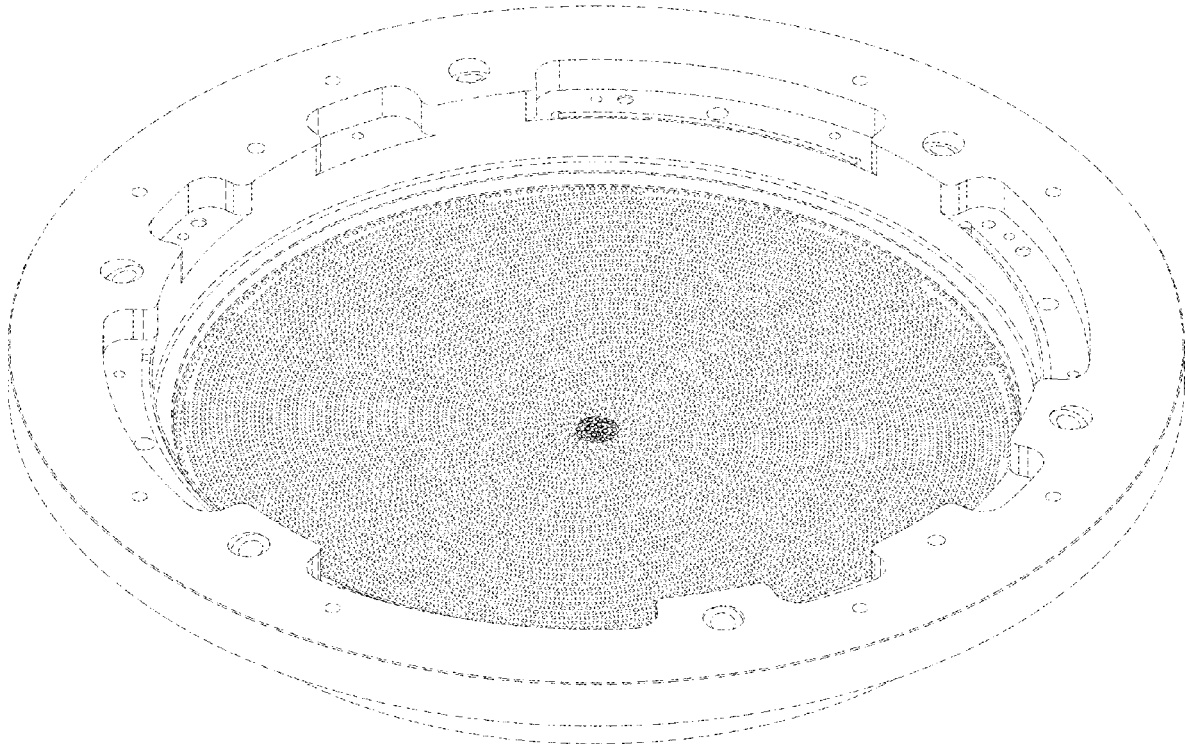


FIG. 2

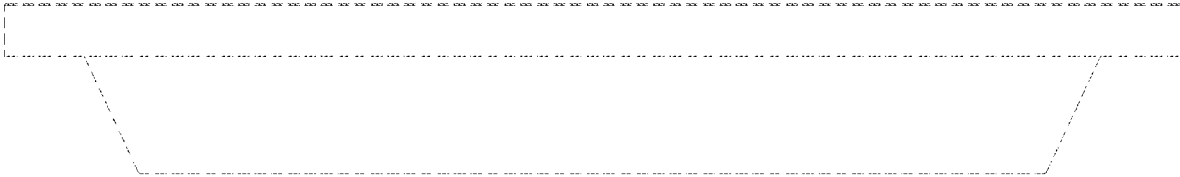


FIG. 3



FIG. 4

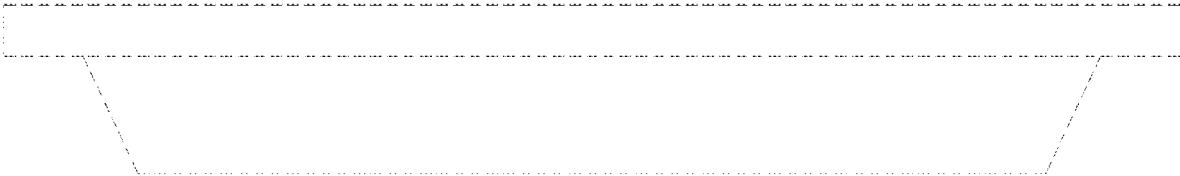


FIG. 5

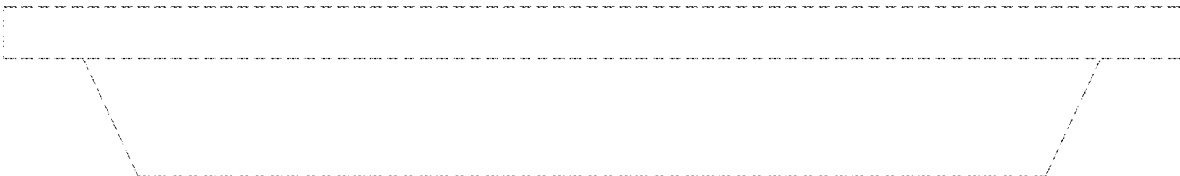


FIG. 6

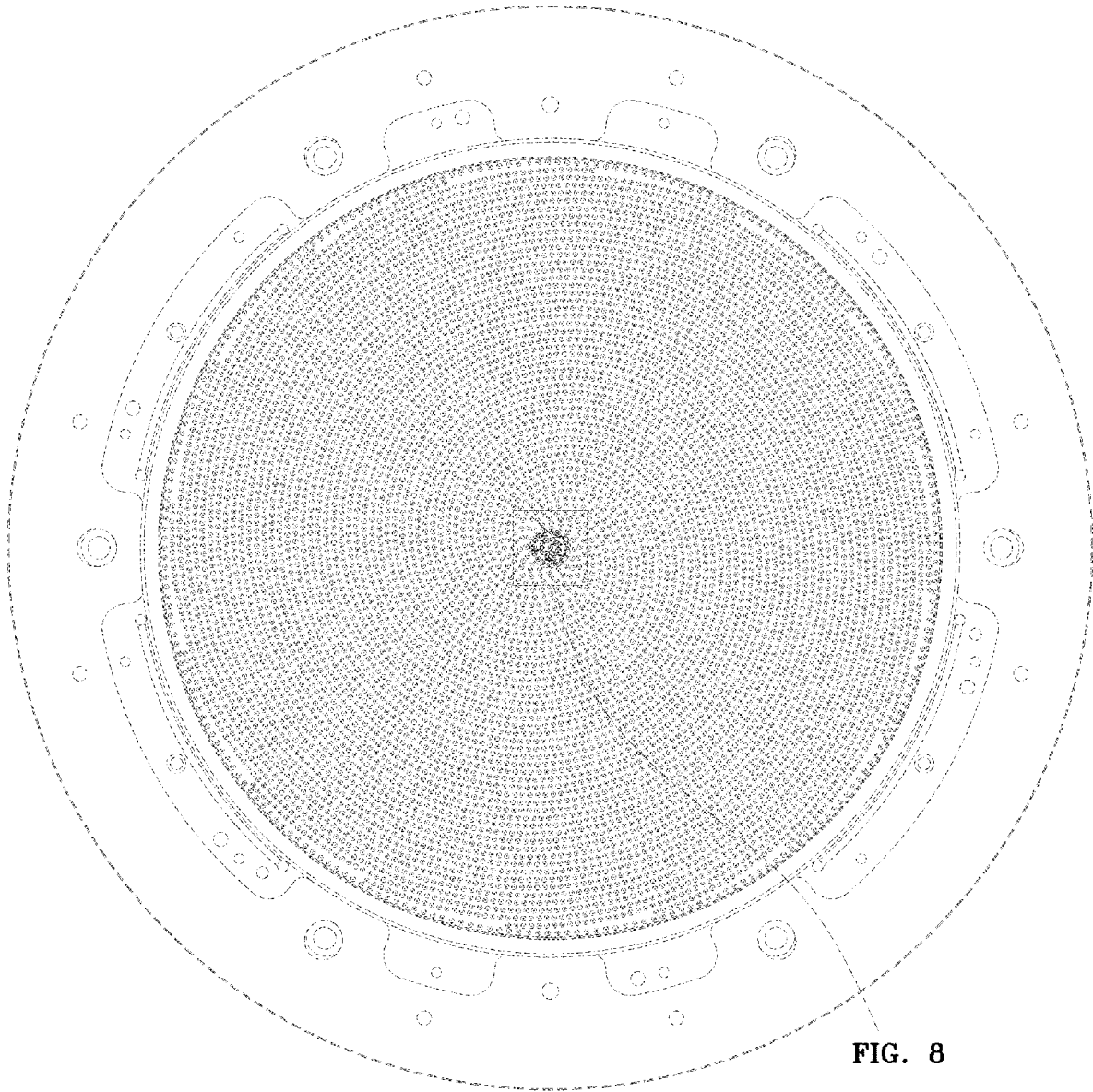


FIG. 8

FIG. 7

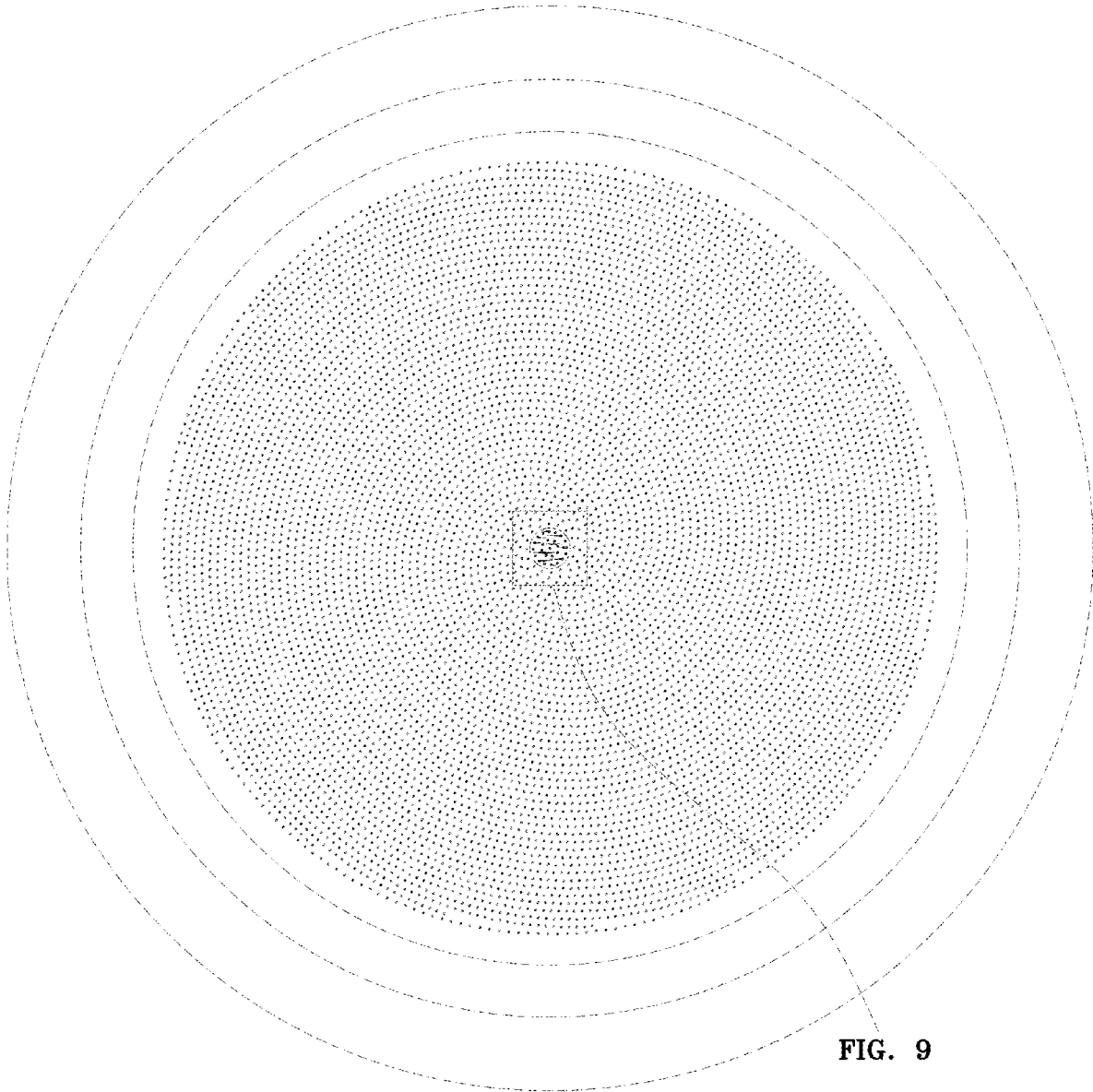


FIG. 9

FIG. 8

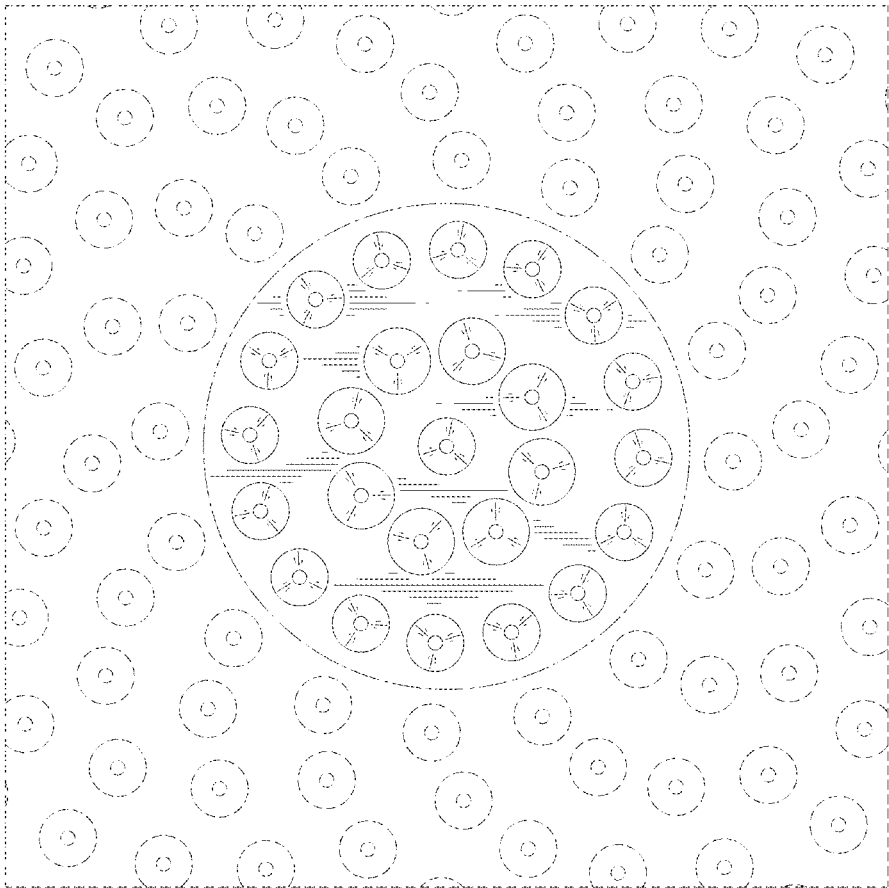


FIG. 9

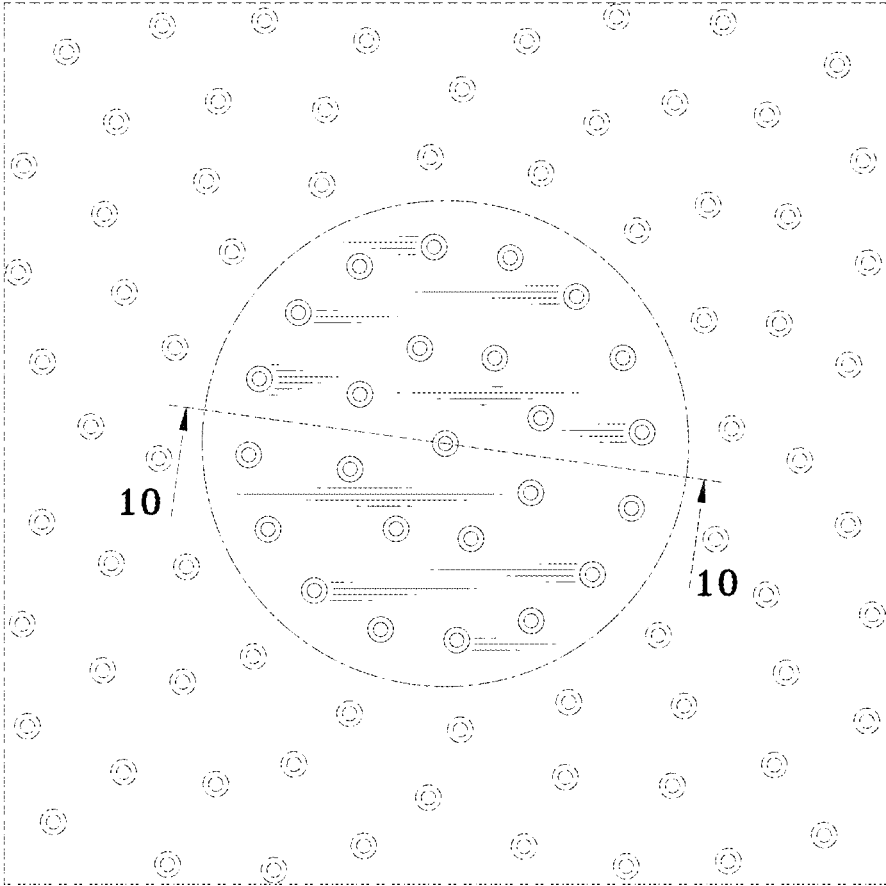


FIG. 10

