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(12) **United States Design Patent** (10) **Patent No.:** **US D910,829 S**
Spadaccia et al. (45) **Date of Patent:** **** Feb. 16, 2021**

(54) **FLAME DIFFUSER INSERT FOR IMMERSION TUBE FURNACE**

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(71) Applicant: **SAINT-GOBAIN CERAMICS & PLASTICS, INC.**, Worcester, MA (US)

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(72) Inventors: **Julio Cesar T. Spadaccia**, Windermere, FL (US); **Thomas D. Briselden**, North East, PA (US); **Jacob T. Briselden**, Worcester, MA (US); **Thomas M. Reilly**, Dudley, MA (US); **Ethan Weikleenget**, Quaker Hill, CT (US)

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(73) Assignee: **SAINT-GOBAIN CERAMICS & PLASTICS, INC.**, Worcester, MA (US)

Primary Examiner — Barbara Fox

Assistant Examiner — Jamaal Rasheed

(**) Term: **15 Years**

(74) *Attorney, Agent, or Firm* — Abel Schillinger, LLP; Adrian Lawrence

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(51) **LOC (13) Cl.** **23-01**

(52) **U.S. Cl.**
USPC **D23/386**

(57) **CLAIM**

(58) **Field of Classification Search**
USPC D23/410, 404, 403, 387, 386, 375;
D32/26; 165/141, 142; D1/126, 125;
D15/21; 175/403, 394, 388, 385, 323,
175/18; D8/354; 403/328, 292
CPC B25H 3/00; E21B 7/02; E21B 3/02; E21B
10/44; E21B 7/00; A22B 5/00; B23B
51/02; B23B 51/00; G01N 1/08; E02D
5/34;

The ornamental design for a flame diffuser insert for an immersion tube furnace, as shown and described.

DESCRIPTION

FIG. 1 includes a perspective view of a flame diffuser insert; FIG. 2 includes a bottom elevation view of the flame diffuser insert of FIG. 1; FIG. 3 includes a side elevation view of the flame diffuser insert of FIG. 1; and, FIG. 4 includes a top elevation view of the flame diffuser insert of FIG. 1.

The broken lines shown in FIGS. 1, 2, 3, and 4 are for the purpose of depicting portions of the flame diffuser insert and form no part of the claimed design.

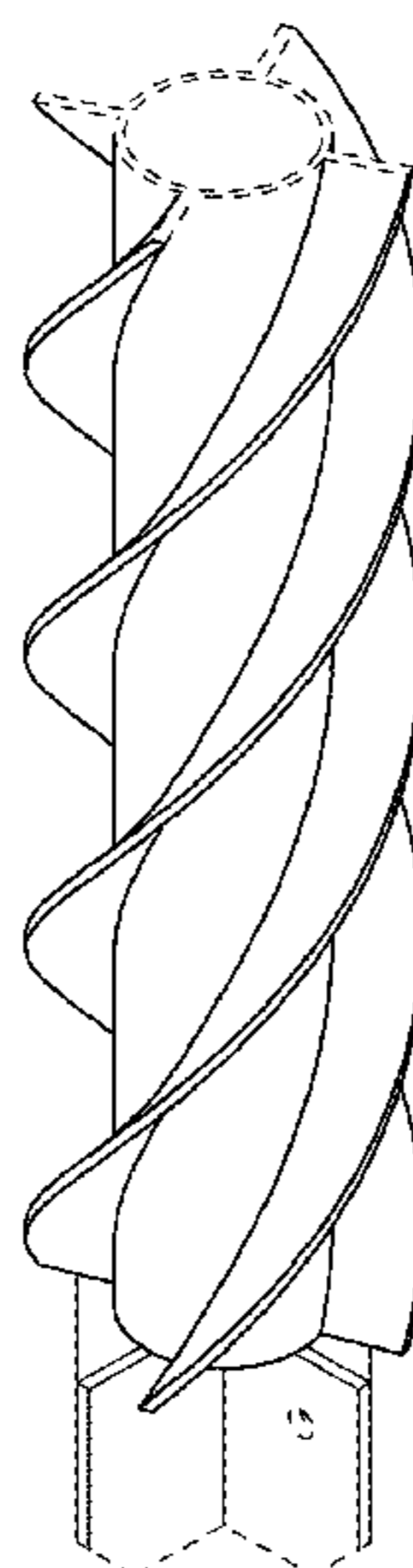
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1 Claim, 3 Drawing Sheets



(58) **Field of Classification Search**
 CPC H02K 7/18; F03B 3/12; B28B 1/08; A23L
 1/16; F28D 7/12
 See application file for complete search history.

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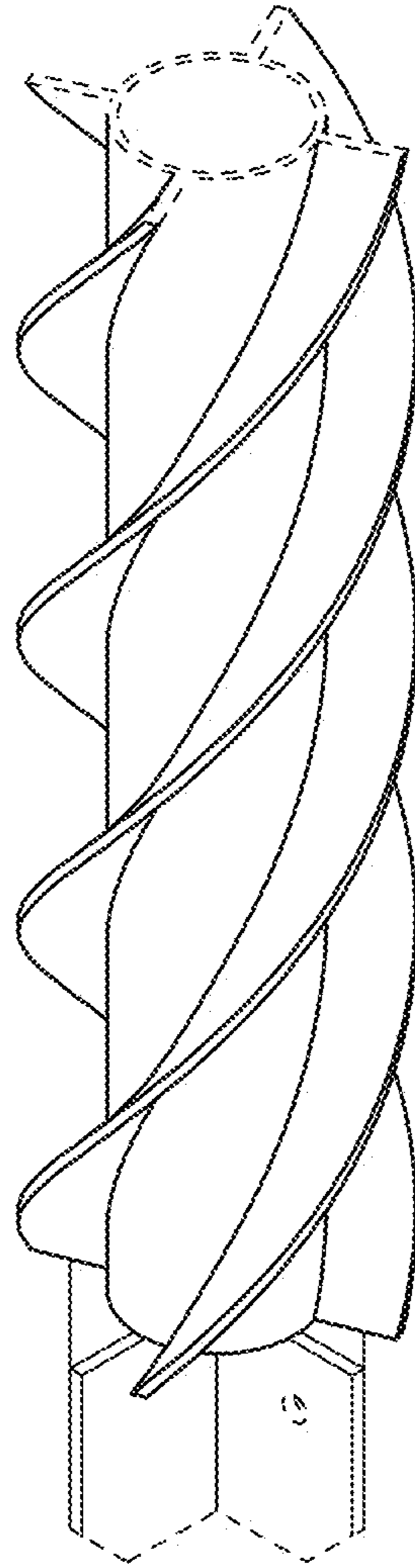


FIG. 1

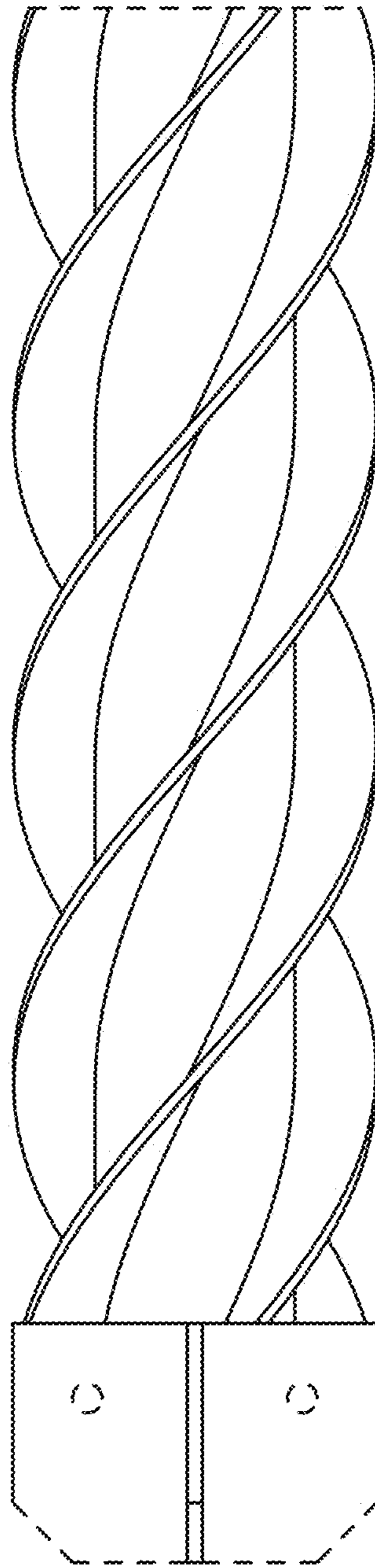


FIG. 3

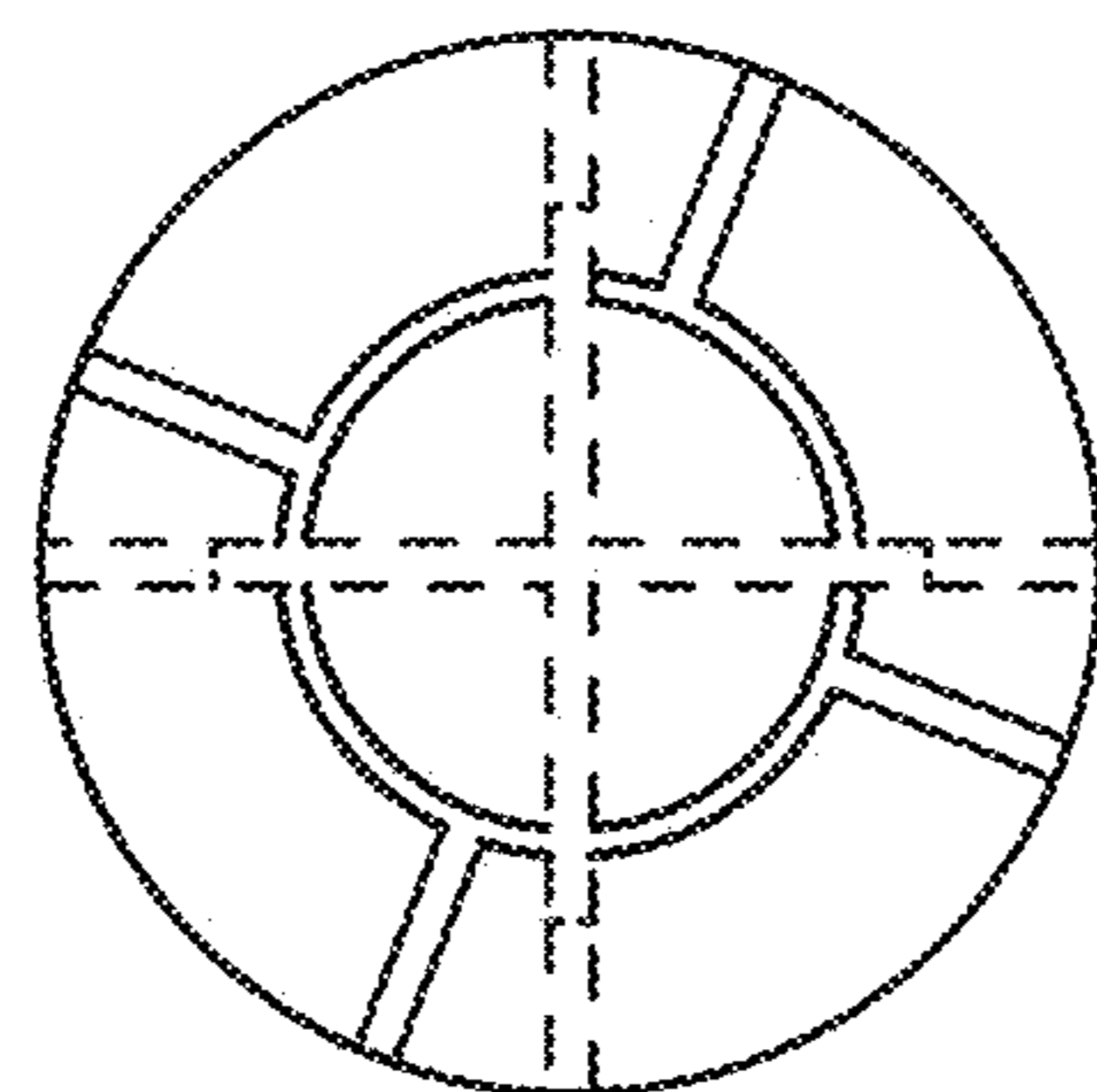


FIG. 2

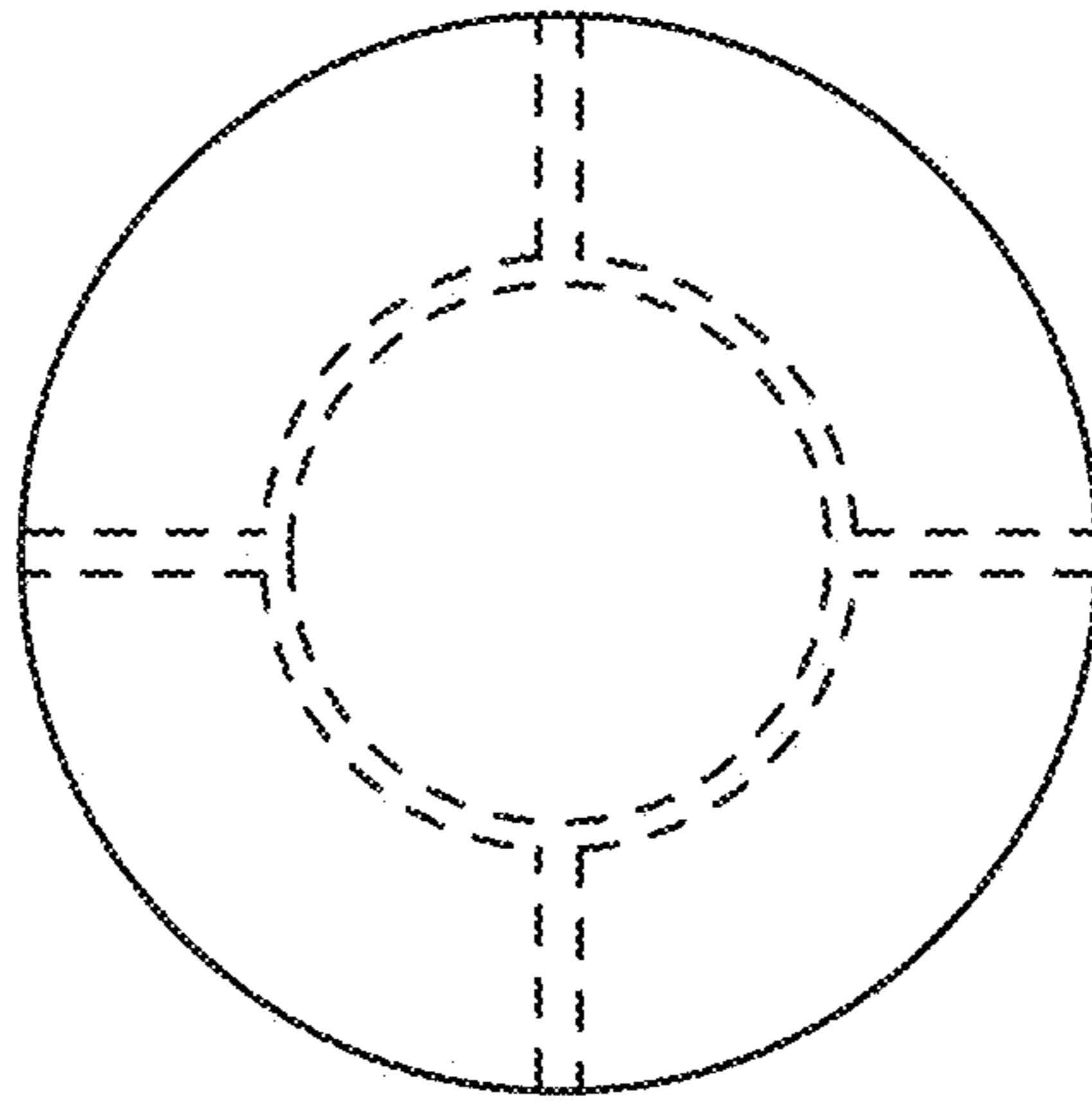


FIG. 4