



US00D816196S

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

(10) **Patent No.:** **US D816,196 S**
(45) **Date of Patent:** **** Apr. 24, 2018**

(54) **EXHAUST PIPE FOR WATER HEATER**

7/00; B29D 13/001; E03C 1/20; E03C 1/22; E03C 1/2306; E03C 1/24; E03C 1/28;

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(Continued)

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(74) *Attorney, Agent, or Firm* — Stuebaker & Brackett PC

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

(57) **CLAIM**

The ornamental design for an exhaust pipe for water heater, as shown and described.

(21) Appl. No.: **29/578,880**

DESCRIPTION

(22) Filed: **Sep. 26, 2016**

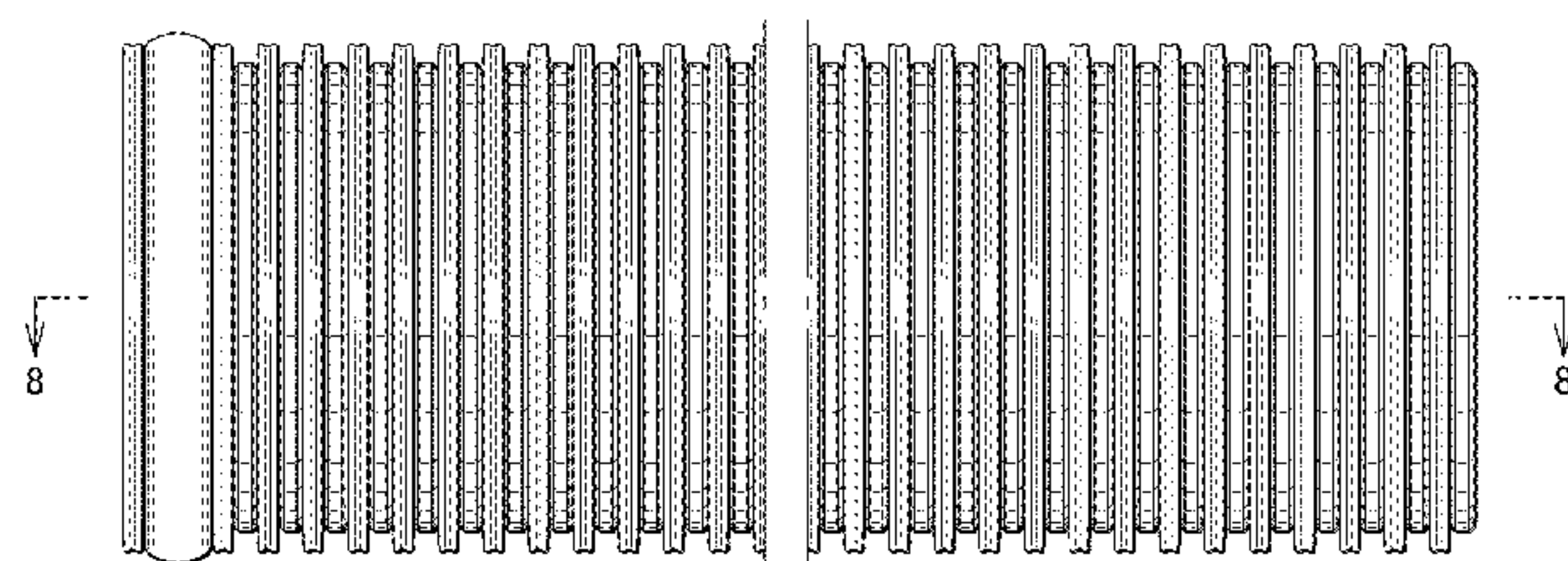
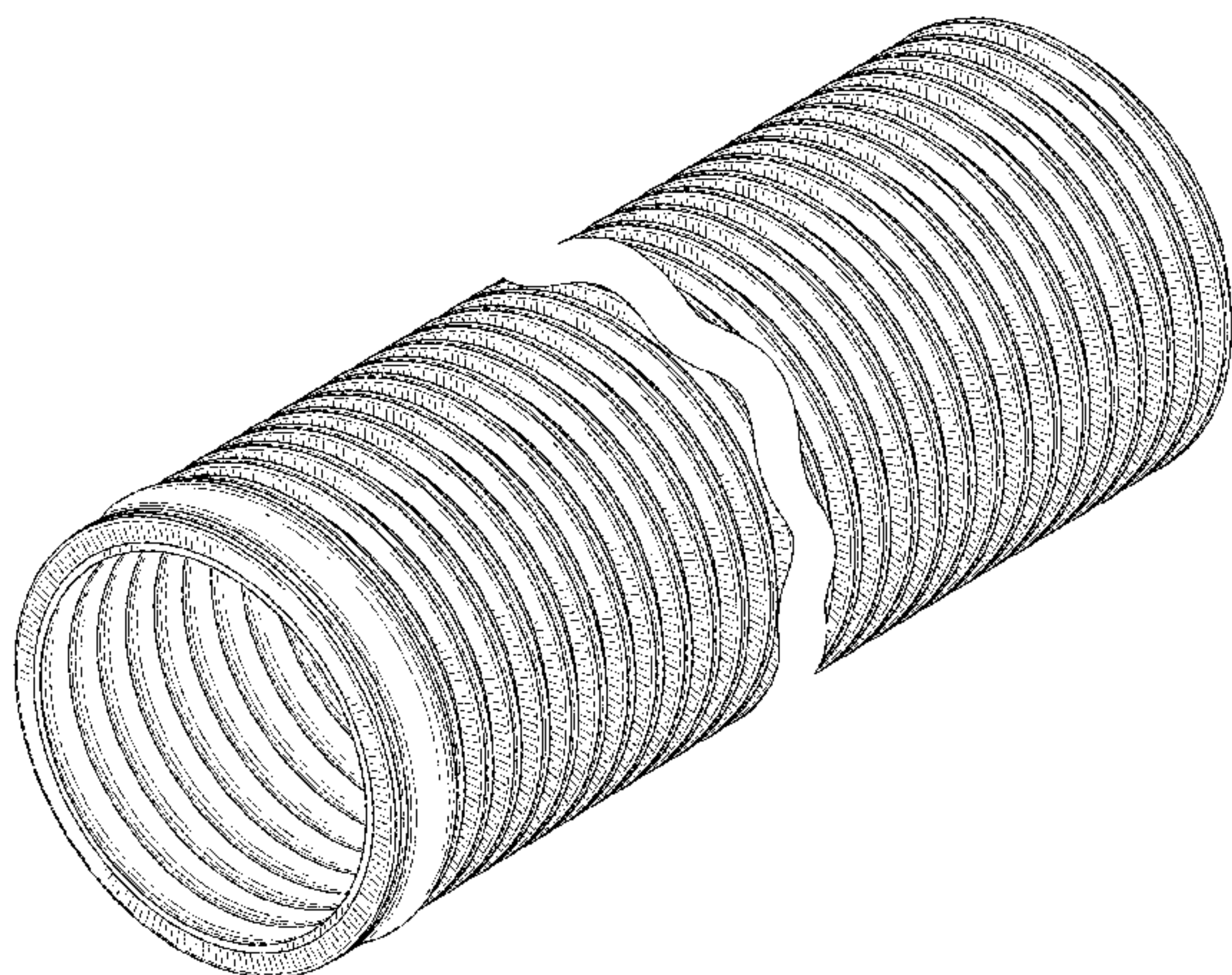
(51) **LOC (11) Cl.** **23-01**

(52) **U.S. Cl.**
USPC **D23/266**

(58) **Field of Classification Search**
USPC D23/259, 262, 266; 285/47, 124.1, 285/124.5, 83, 134.1, 179, 39, 222.1, 242, 285/245–246, 256, 260, 276, 382.4, 285/179.1, 58, 125.1, 128.1, 123.5; 4/679, 680, 686–687; 138/111, 119, 123, 138/155, 158, 167, 177, 39; D13/155; 137/561 A; 210/232, 323.2, 321.72, 210/321.8, 321.88, 321.89, 500.23; 454/47; 122/18.31; 110/147
CPC F16L 11/21; F16L 11/16; F16L 9/22; F16L 39/00; F16L 37/148; F16L 21/06; F16L 43/001; F16L 43/002; F16L 27/00; F16L 27/11; F16L 55/07; F16L 11/10; F16L 11/125; F16L 11/133; F16L 11/121; F16L 57/04; F16L 41/03; F16L 41/02; F16L 55/115; F16L 17/02; F16L 17/04; F16L

FIG. 1 is a perspective view of an exhaust pipe for water heater showing the present design;
FIG. 2 is a front view thereof;
FIG. 3 is a rear view thereof;
FIG. 4 is a top view thereof;
FIG. 5 is a bottom view thereof;
FIG. 6 is a right side view thereof;
FIG. 7 is a left side view thereof;
FIG. 8 is a cross sectional view taken along line 8-8 of FIG. 2;
FIG. 9 is an enlarged detail view of the portion 9 of FIG. 8; and
FIG. 10 is a perspective view shown in a state of use.
The exhaust pipe for water heater is shown with a symbolic break in its length. The appearance of any portion of the article between the break lines forms no part of the claim. The evenly spaced broken lines shown in FIG. 10 depict environmental subject matter that forms no part of the claim.

1 Claim, 5 Drawing Sheets



(58) **Field of Classification Search**

CPC E03C 1/232; E03C 1/284; E03C 1/023;
F24D 3/1066; F23J 13/02; F23J 13/04;
F24H 9/16

See application file for complete search history.

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FIG.1

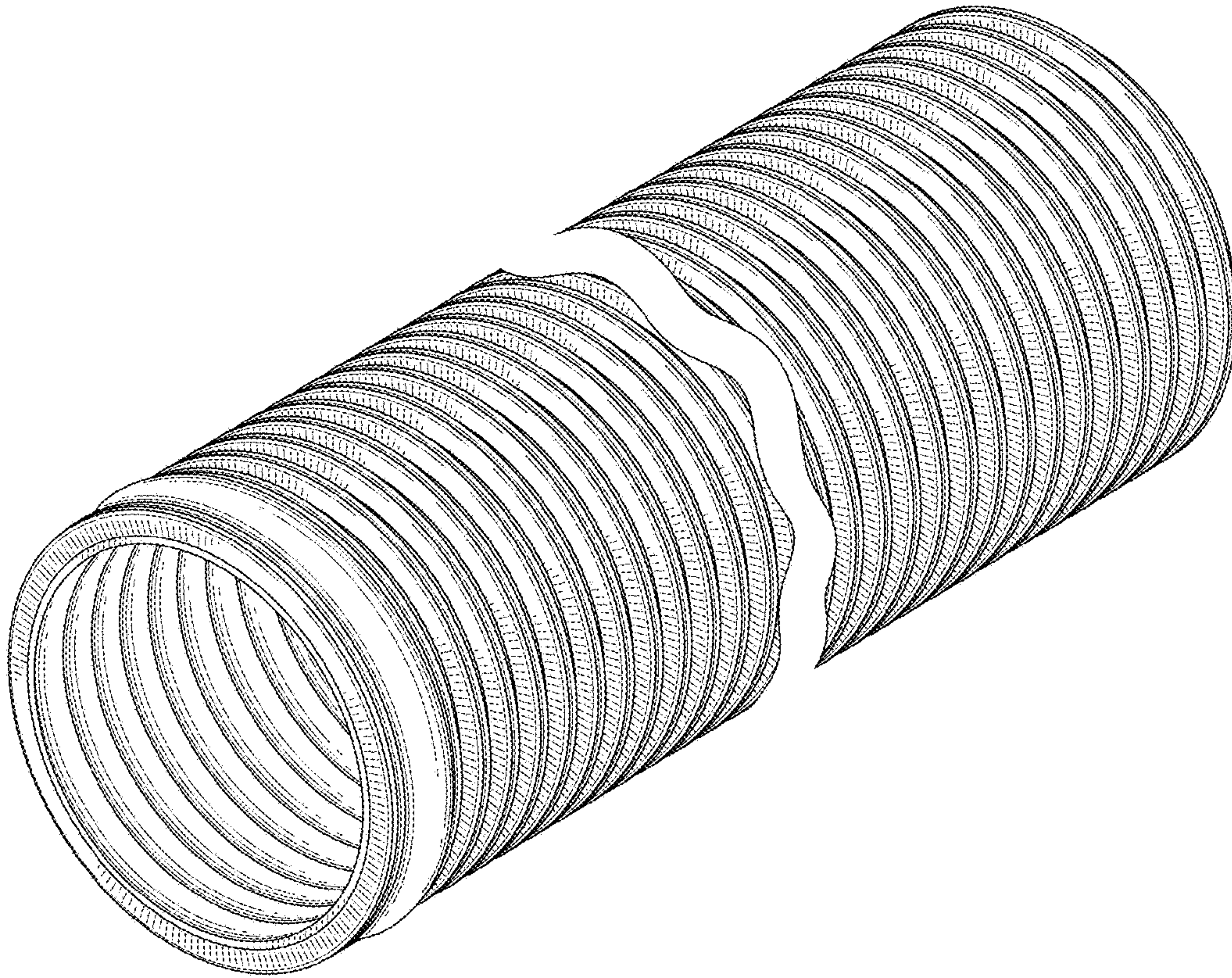


FIG.2

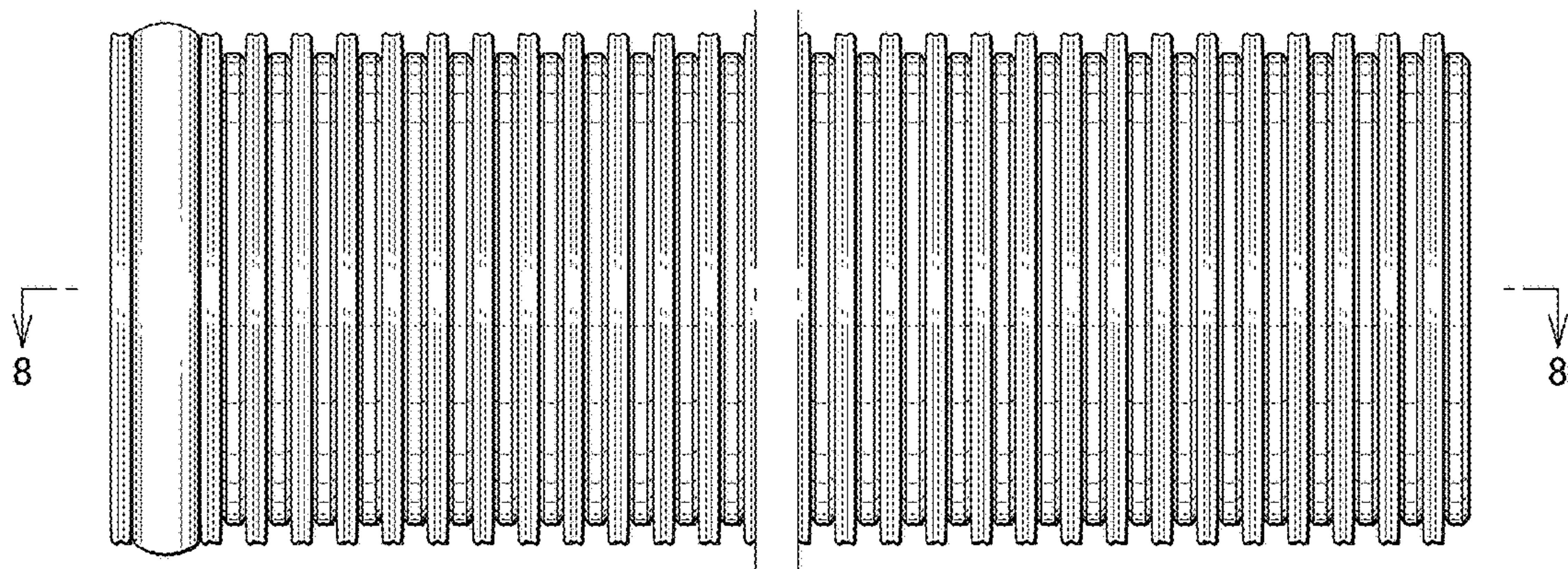


FIG.3

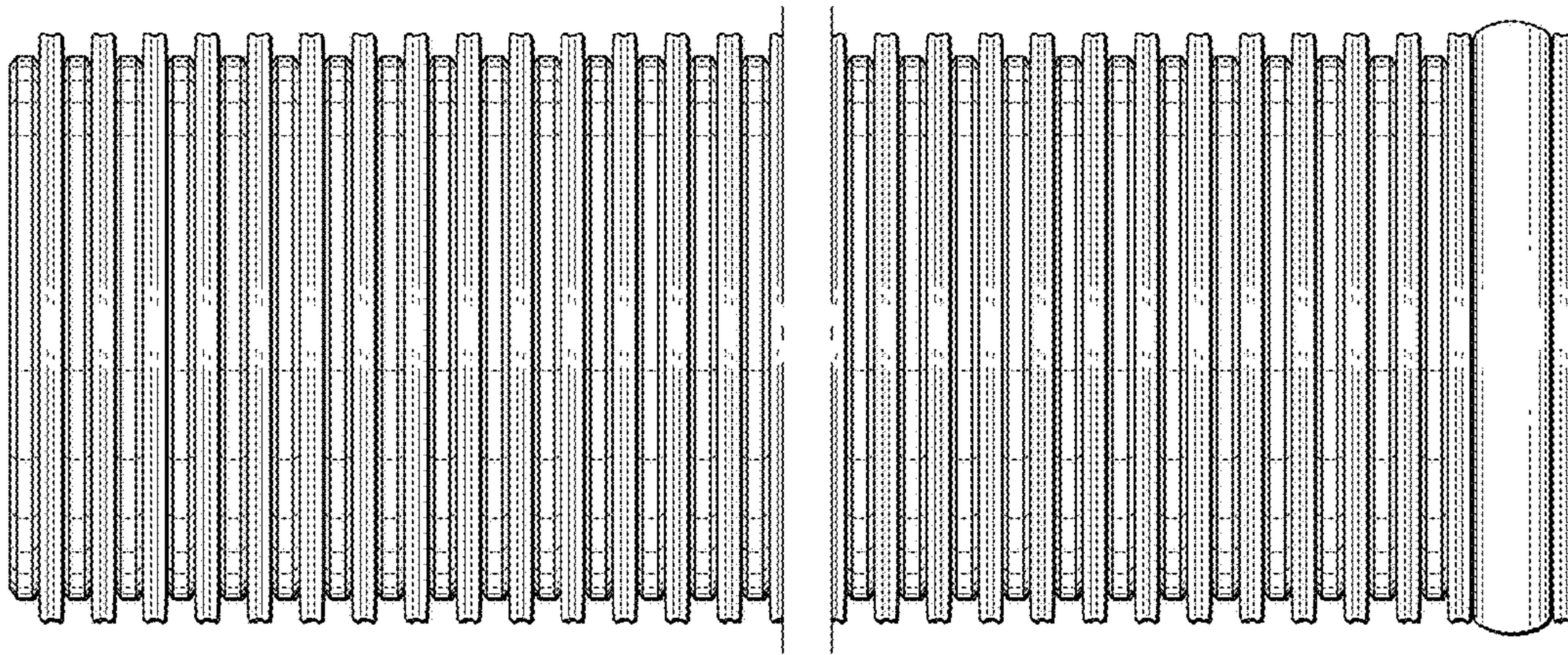


FIG.4

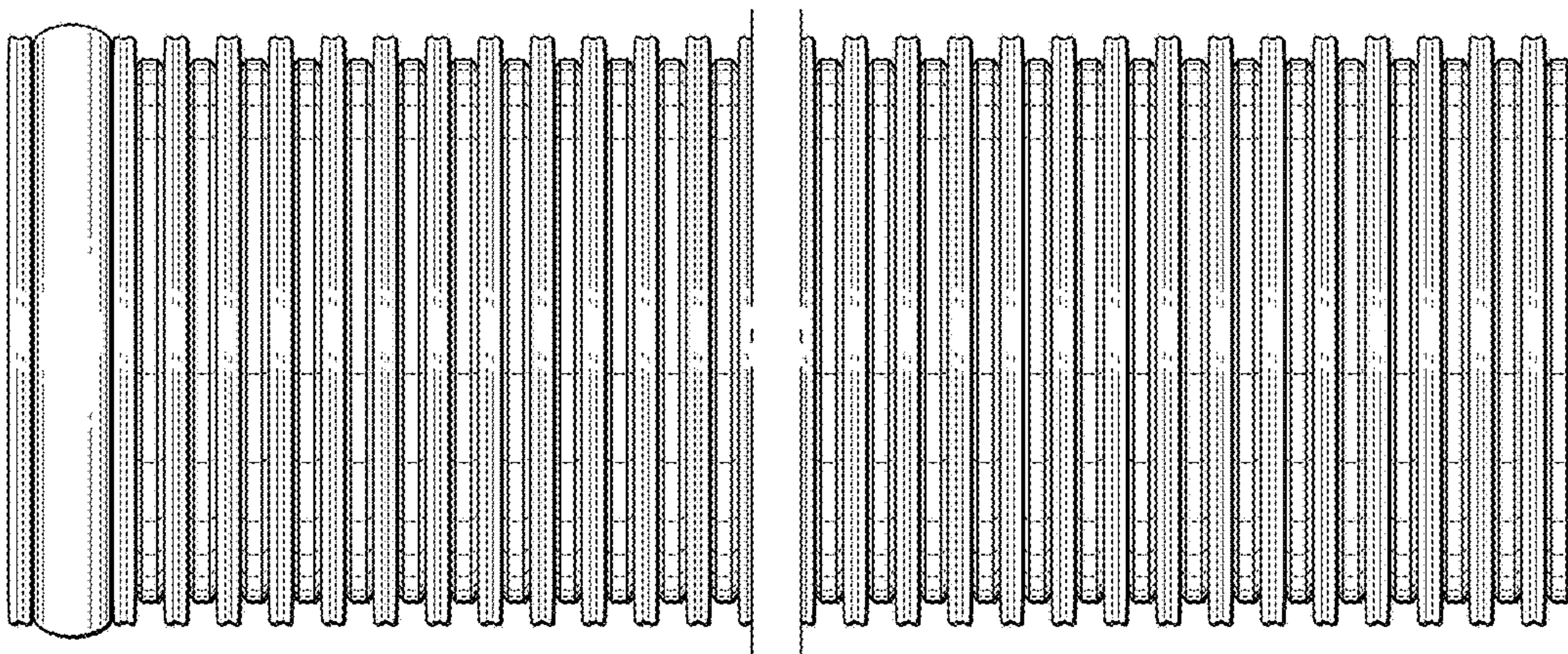


FIG.5

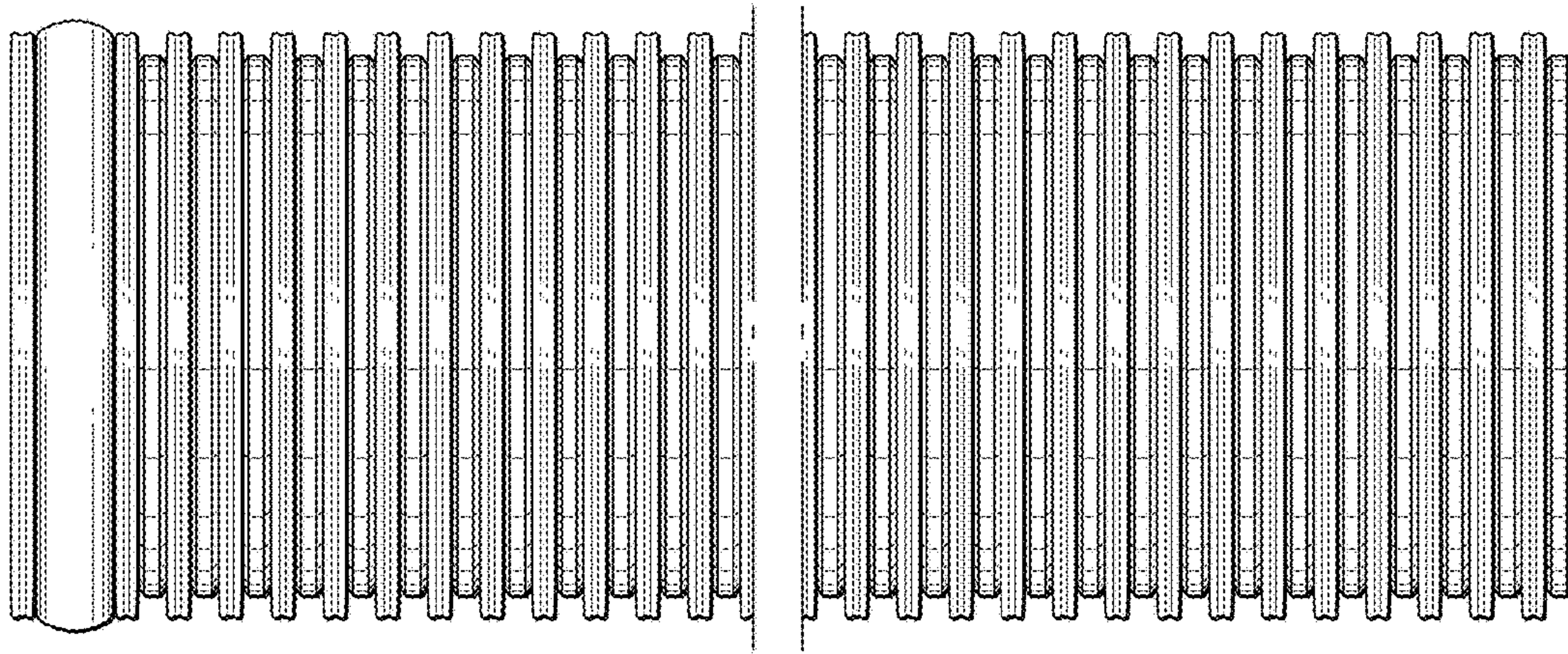


FIG.6

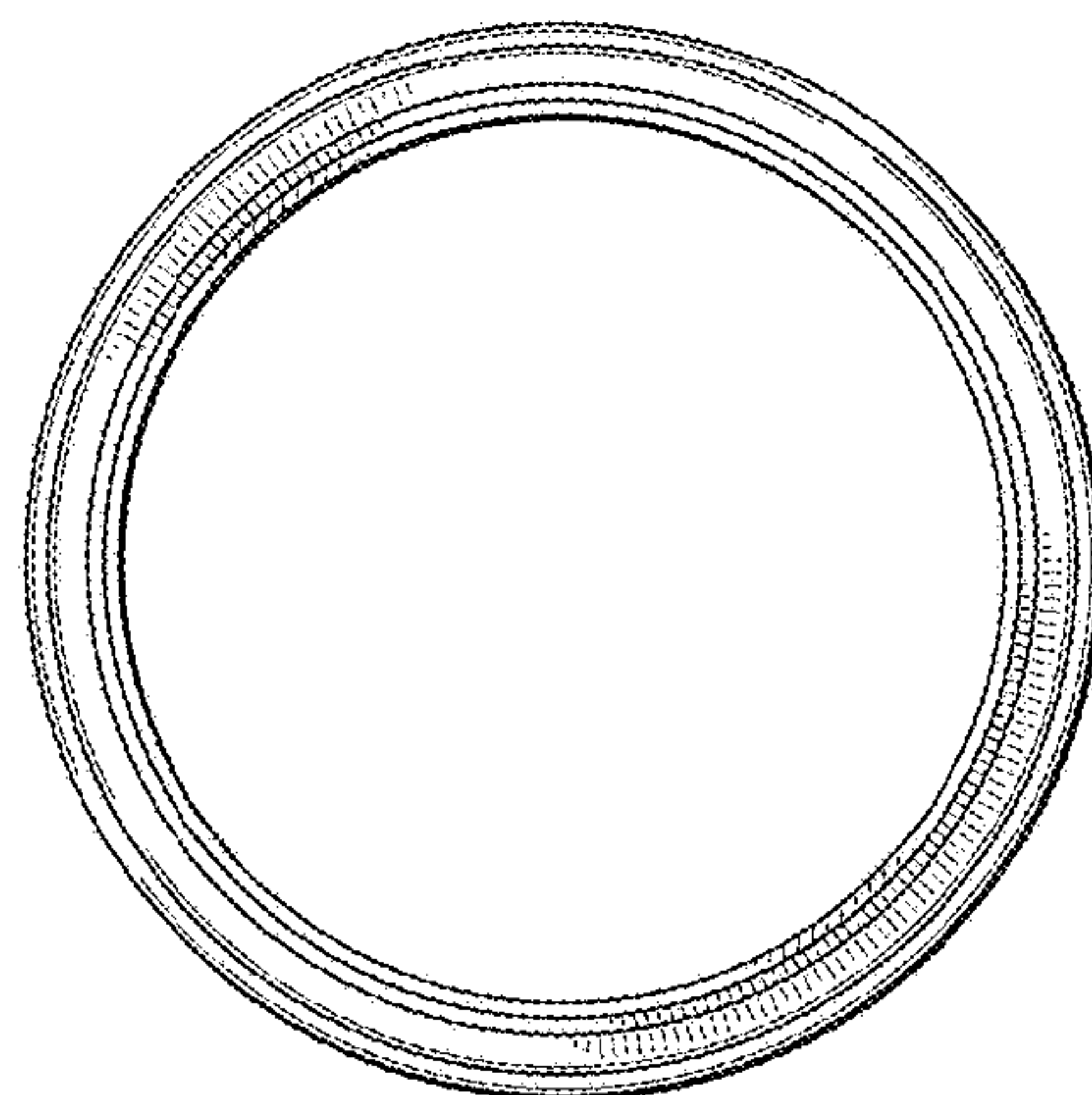


FIG.7

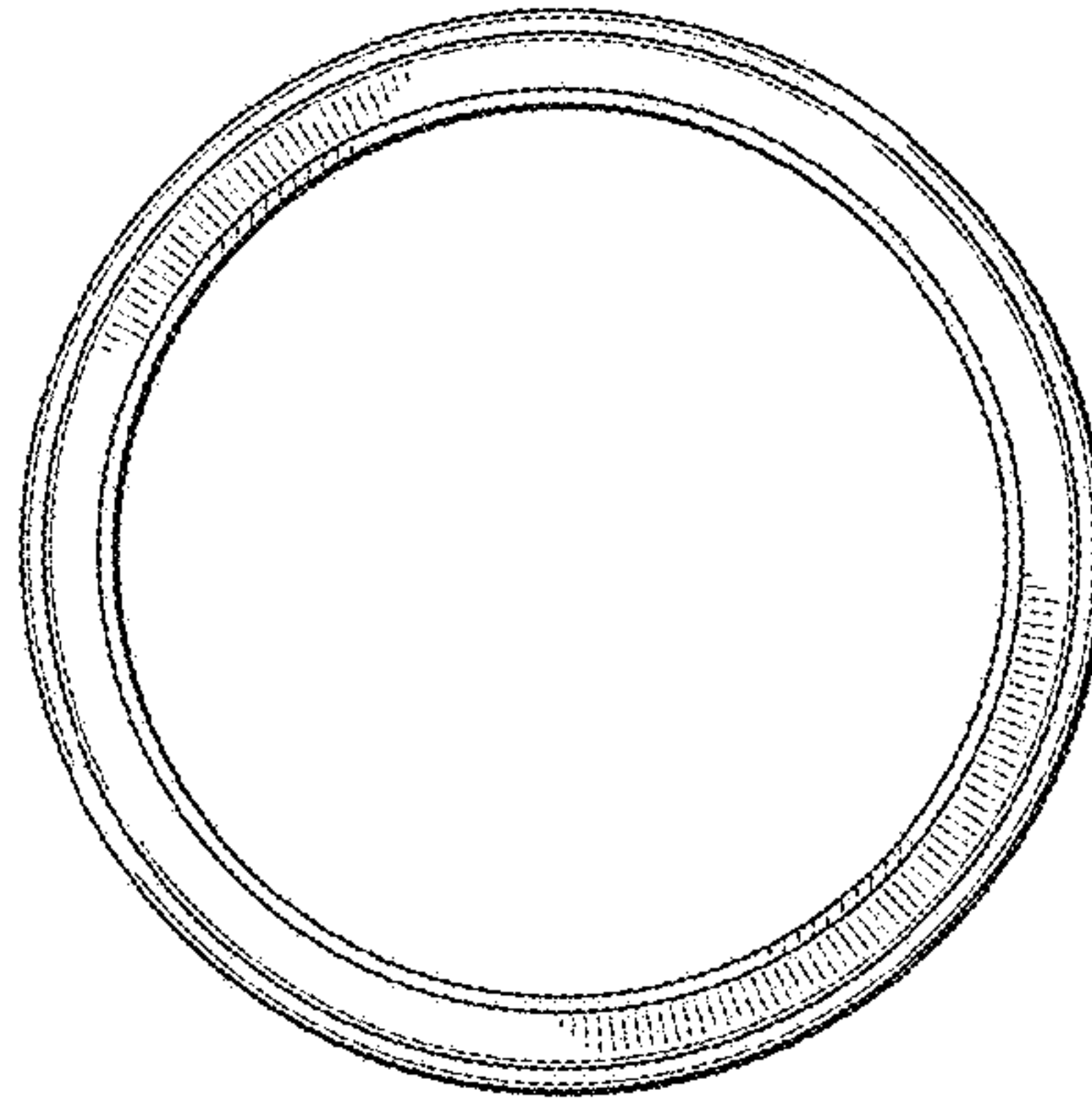


FIG.8

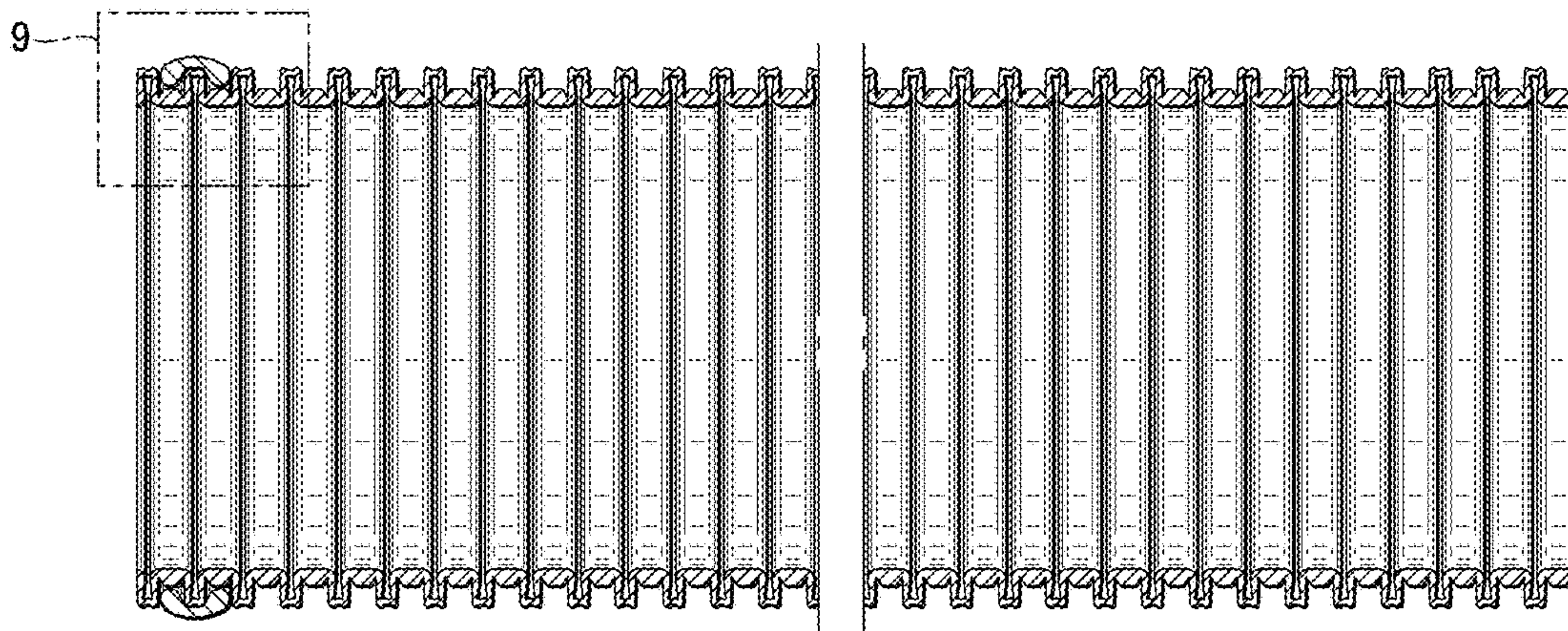


FIG.9

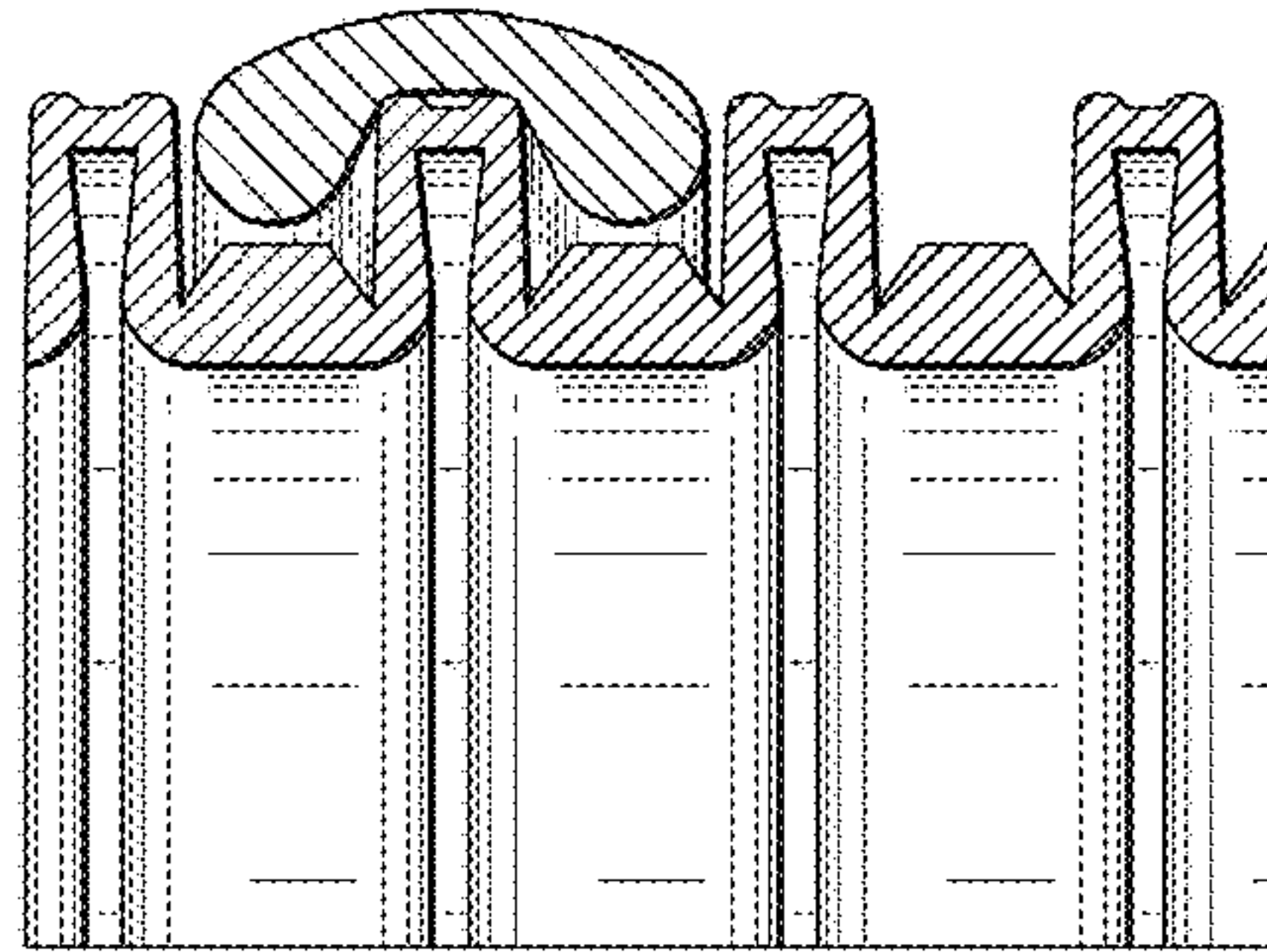
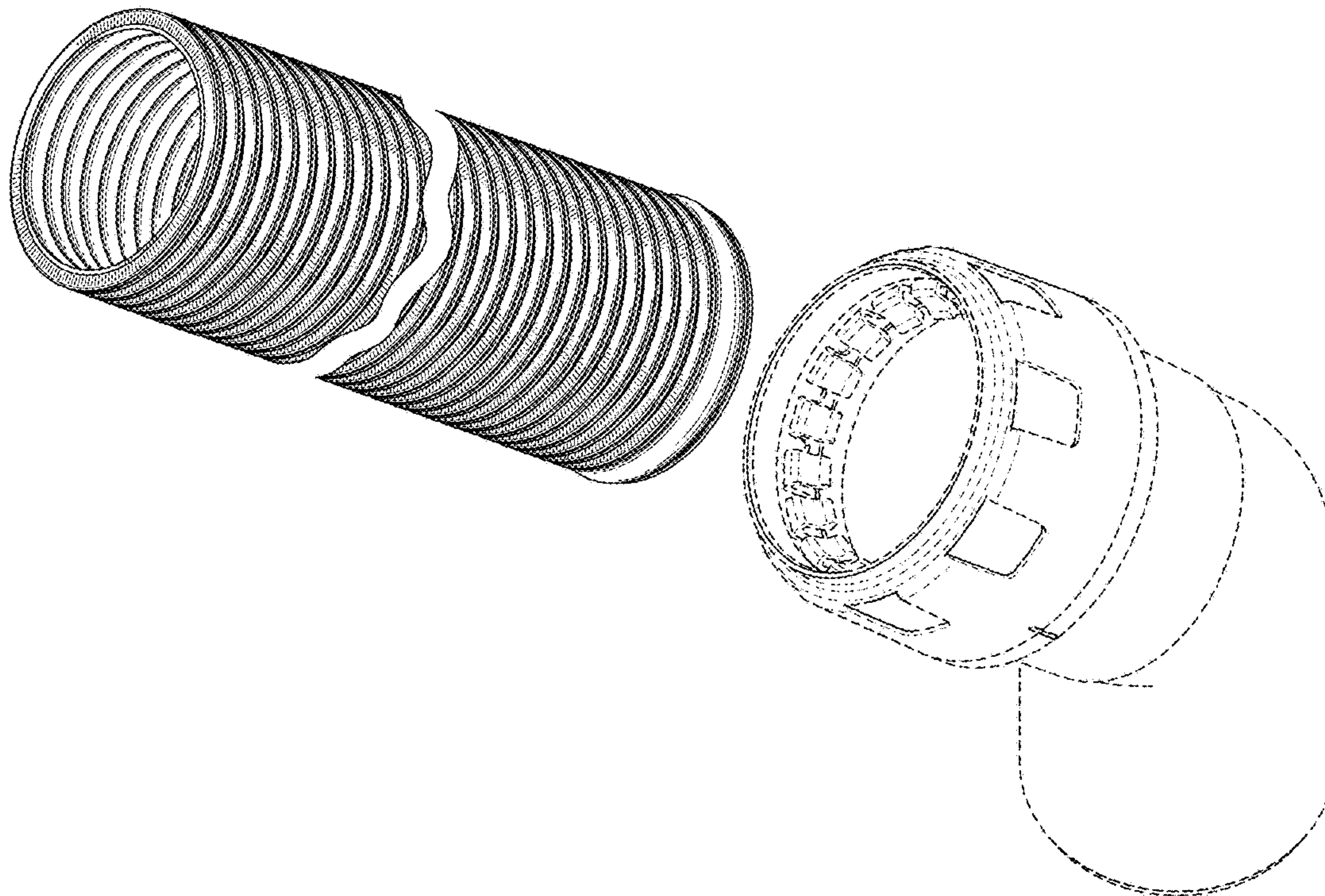


FIG.10



UNITED STATES PATENT AND TRADEMARK OFFICE
CERTIFICATE OF CORRECTION

PATENT NO. : D816,196 S
APPLICATION NO. : 29/578880
DATED : April 24, 2018
INVENTOR(S) : Masaki Sugatani et al.

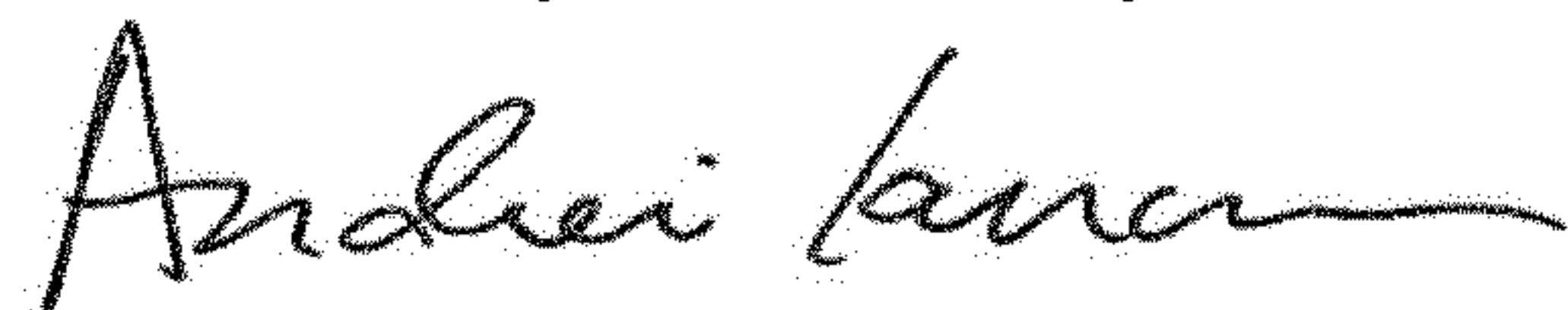
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It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

On the Title Page

The Assignee, item (73) should read:
-- Assignees:
NORITZ CORPORATION, Hyogo (JP);
Living Engineering Co., Ltd., Tokyo (JP);
Mirai Industry Co., Ltd., Gifu (JP) --

Signed and Sealed this
Fifth Day of February, 2019



Andrei Iancu
Director of the United States Patent and Trademark Office