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(12) **United States Design Patent** (10) **Patent No.:** **US D784,229 S**
Nagano (45) **Date of Patent:** **** Apr. 18, 2017**

(54) **EXHAUST ADAPTER**
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2011/0074149 A1 3/2011 Matsui et al.
2011/0240143 A1 10/2011 Lang et al.
2012/0272928 A1 11/2012 Kameyama et al.
2012/0323221 A1 12/2012 Gallo et al.
2015/0056903 A1 2/2015 Nagano et al.
2015/0219000 A1 8/2015 Nojiri et al.
2016/0053997 A1* 2/2016 Hasegawa F23L 17/02
126/307 R

(**) Term: **15 Years**
(21) Appl. No.: **29/541,945**
(22) Filed: **Oct. 9, 2015**

FOREIGN PATENT DOCUMENTS

JP S61-007424 Y2 3/1986
JP H01-189410 A 7/1989
JP H05-023945 Y2 6/1993
JP 2000-179750 A 6/2000
JP 2006-349327 A 12/2006
JP 2009-281057 A 12/2009

* cited by examiner

Related U.S. Application Data

(62) Division of application No. 29/492,341, filed on May 30, 2014, now Pat. No. Des. 751,479.
(51) **LOC (10) Cl.** **12-16**
(52) **U.S. Cl.**
USPC **D12/194; D23/320**
(58) **Field of Classification Search**
USPC D23/320; D8/349-352; 122/424, 365;
285/41, 42, 46, 53, 65, 223, 226, 405,
285/903; D12/194
CPC ... B60H 1/00; B60H 1/00021; B60H 1/00271
See application file for complete search history.

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(57) **CLAIM**

The ornamental design for an exhaust adapter, as shown and described.

DESCRIPTION

FIG. 1 is a front view of an exhaust adapter having its outer circumference supported by an exhaust pipe and its inner circumference supporting an exhaust tube in accordance with the present design;
FIG. 2 is a rear view thereof;
FIG. 3 is a top plan view thereof;
FIG. 4 is a bottom plan view thereof;
FIG. 5 is a right side view thereof;
FIG. 6 is a left side view thereof;
FIG. 7 is a perspective view thereof; and,
FIG. 8 is a cross sectional view thereof.

(56) **References Cited**

U.S. PATENT DOCUMENTS

3,208,914 A 9/1965 Dickson
3,306,109 A 2/1967 Caparone
4,844,274 A 7/1989 Sterk
6,431,046 B1* 8/2002 Okpokowuruk F01L 25/02
137/625.63
8,596,226 B2 12/2013 McAnally et al.
D751,479 S * 3/2016 Nagano D12/194
2010/0269943 A1 10/2010 Arai

1 Claim, 4 Drawing Sheets

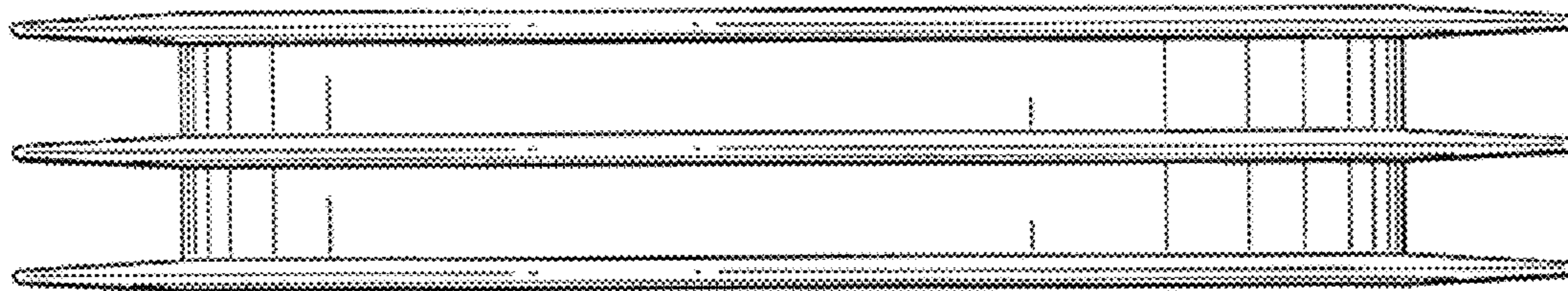


FIG. 1

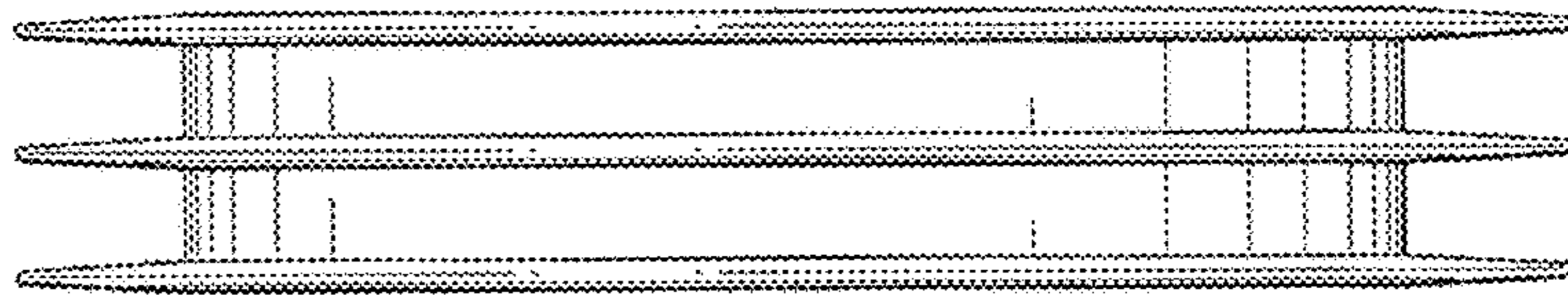


FIG. 2

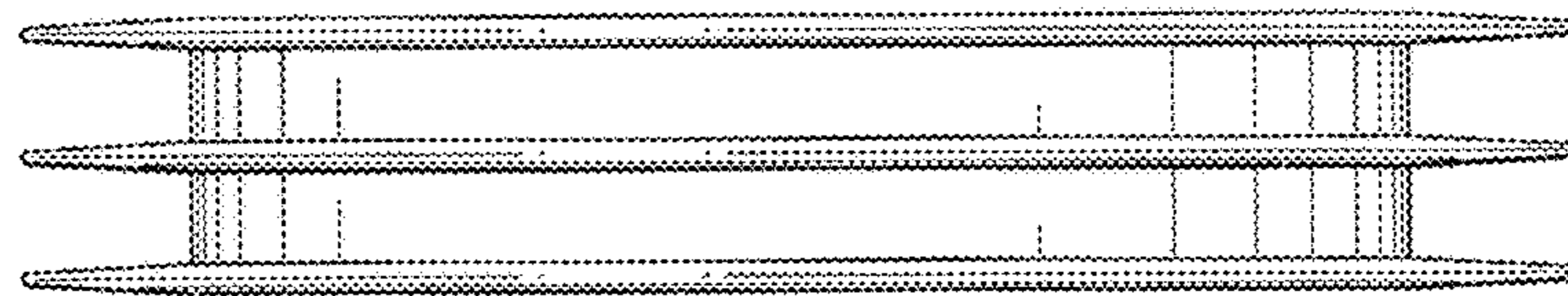


FIG. 3

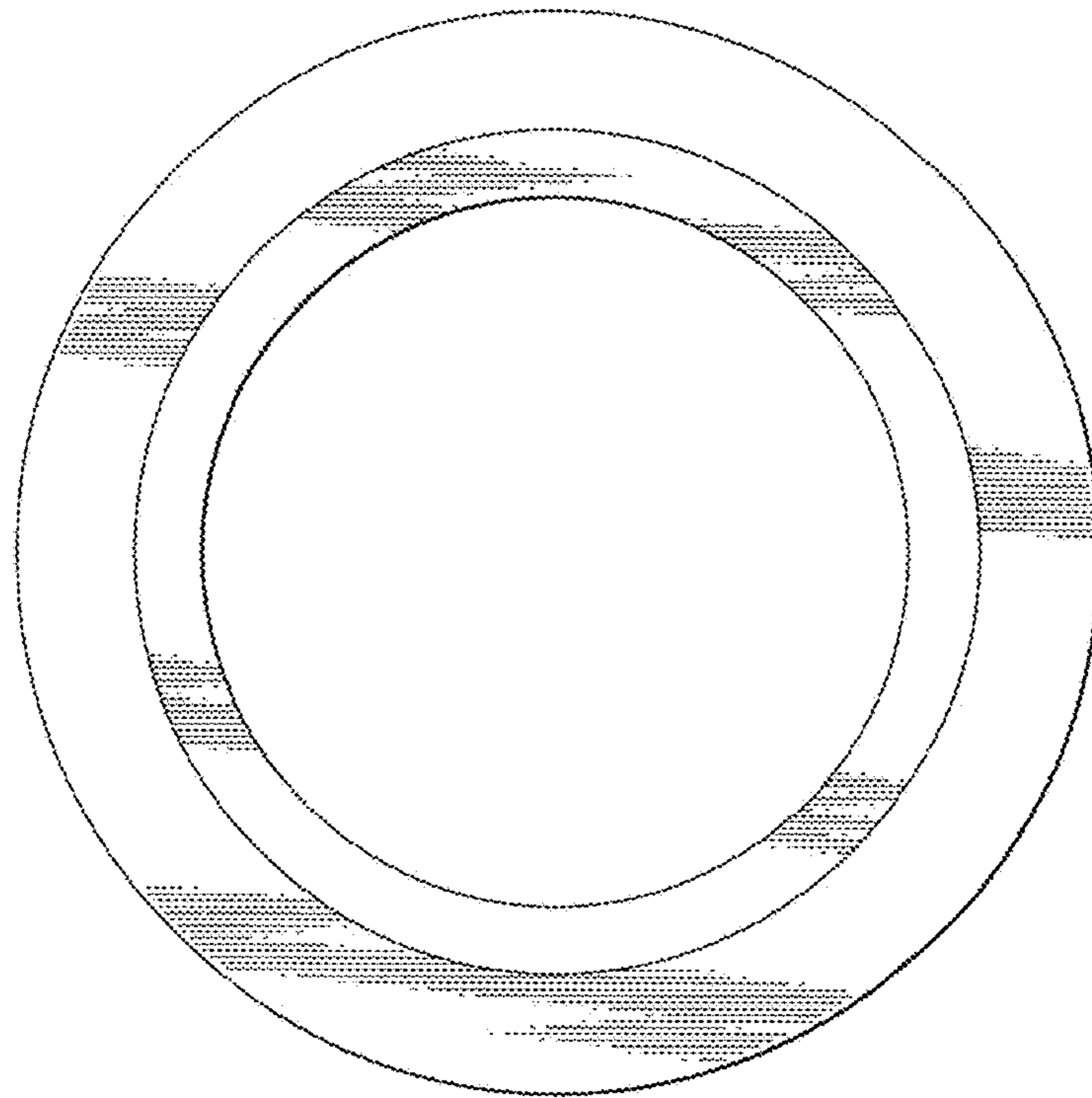


FIG. 4

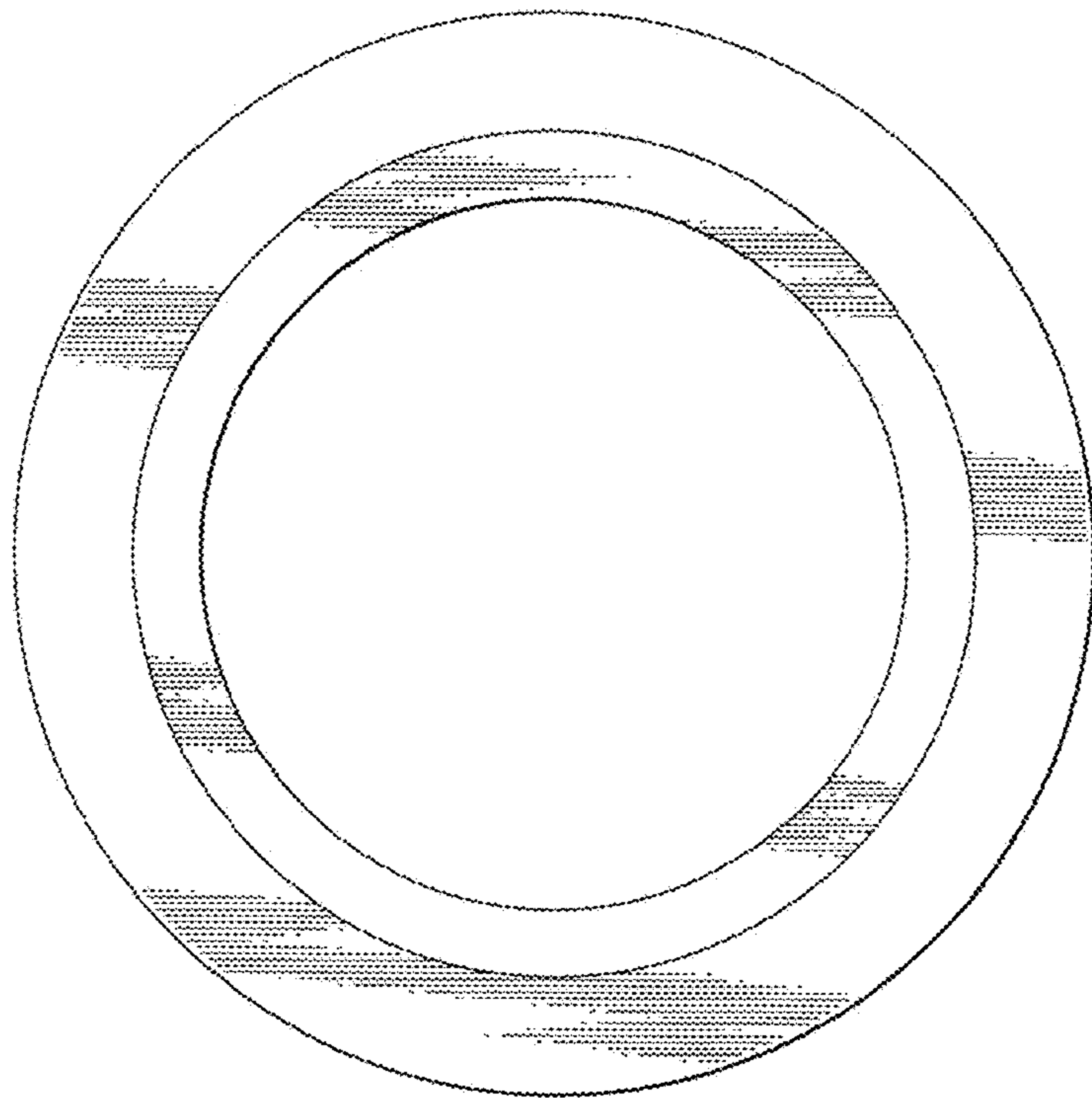


FIG. 5

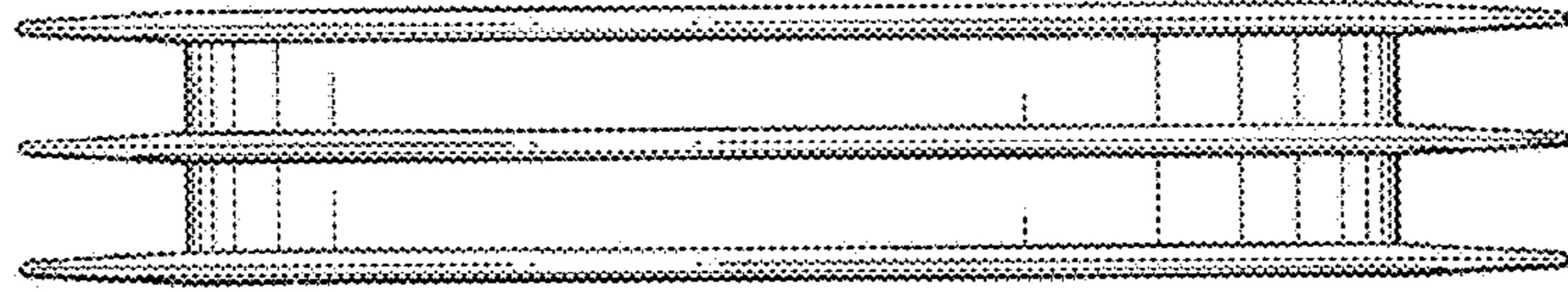


FIG. 6

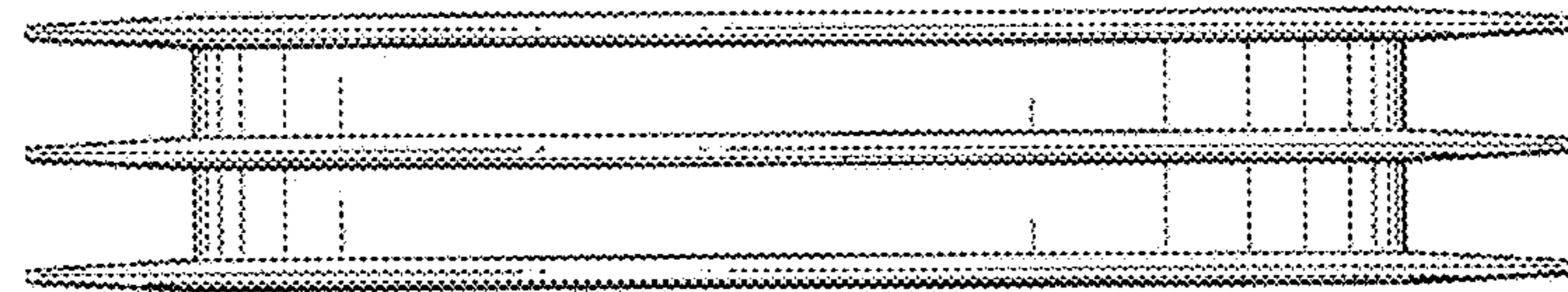


FIG. 7

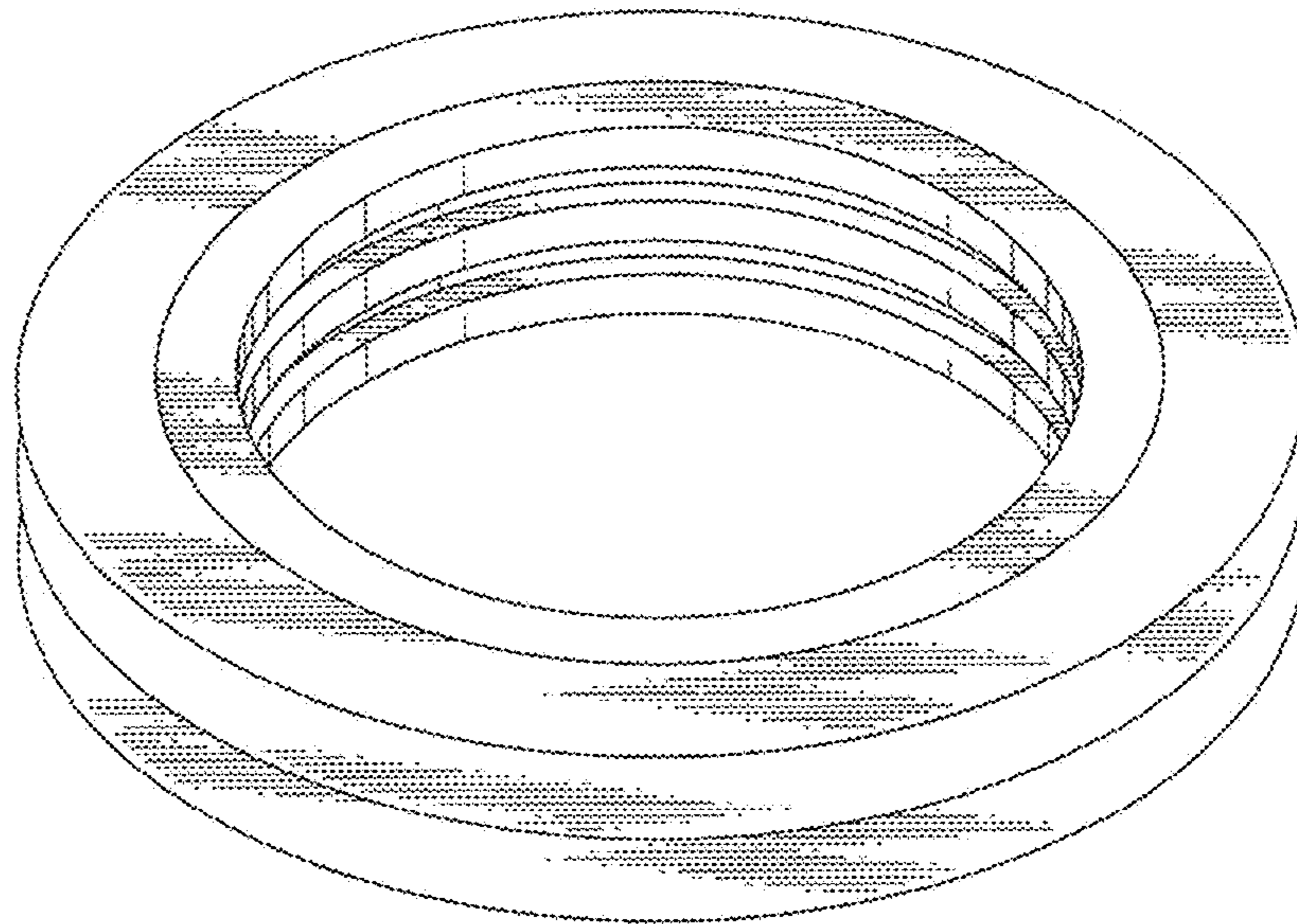


FIG. 8

