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

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(45) **Date of Patent:** **** Jul. 30, 2019**

(54) **FLANGE COUPLING FOR PROCESS CARTRIDGE FOR IMAGE FORMING APPARATUS**

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(73) Assignee: **Canon Kabushiki Kaisha,** Tokyo (JP)

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

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(30) **Foreign Application Priority Data**

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(51) **LOC (11) Cl.** **18-02**

(52) **U.S. Cl.**
USPC **D18/40**

(58) **Field of Classification Search**
USPC D18/36, 40, 43, 50, 56
CPC B41J 2/175; B41J 2/17563; F16B 5/0208;
G03G 15/00; G03G 15/655; G03G
15/757; G03G 21/16
See application file for complete search history.

(56) **References Cited**

U.S. PATENT DOCUMENTS

D395,058 S * 6/1998 Montes D18/40
D422,627 S * 4/2000 Drinkwater D18/40

D537,472 S * 2/2007 Amano F16B 5/0208
D18/43
D618,720 S * 6/2010 Wasai D18/43
D620,522 S * 7/2010 Amano D18/43
D779,587 S * 2/2017 Li G03G 21/1857
D18/43
D829,814 S * 10/2018 Kubo G03G 15/757
D18/43
2010/0067946 A1* 3/2010 Zogg G03G 15/757
399/117
2010/0290864 A1* 11/2010 Wang F16B 5/0208
411/383

(Continued)

FOREIGN PATENT DOCUMENTS

JP 2017107142 A 6/2017
JP 2017142473 A 8/2017

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(57) **CLAIM**

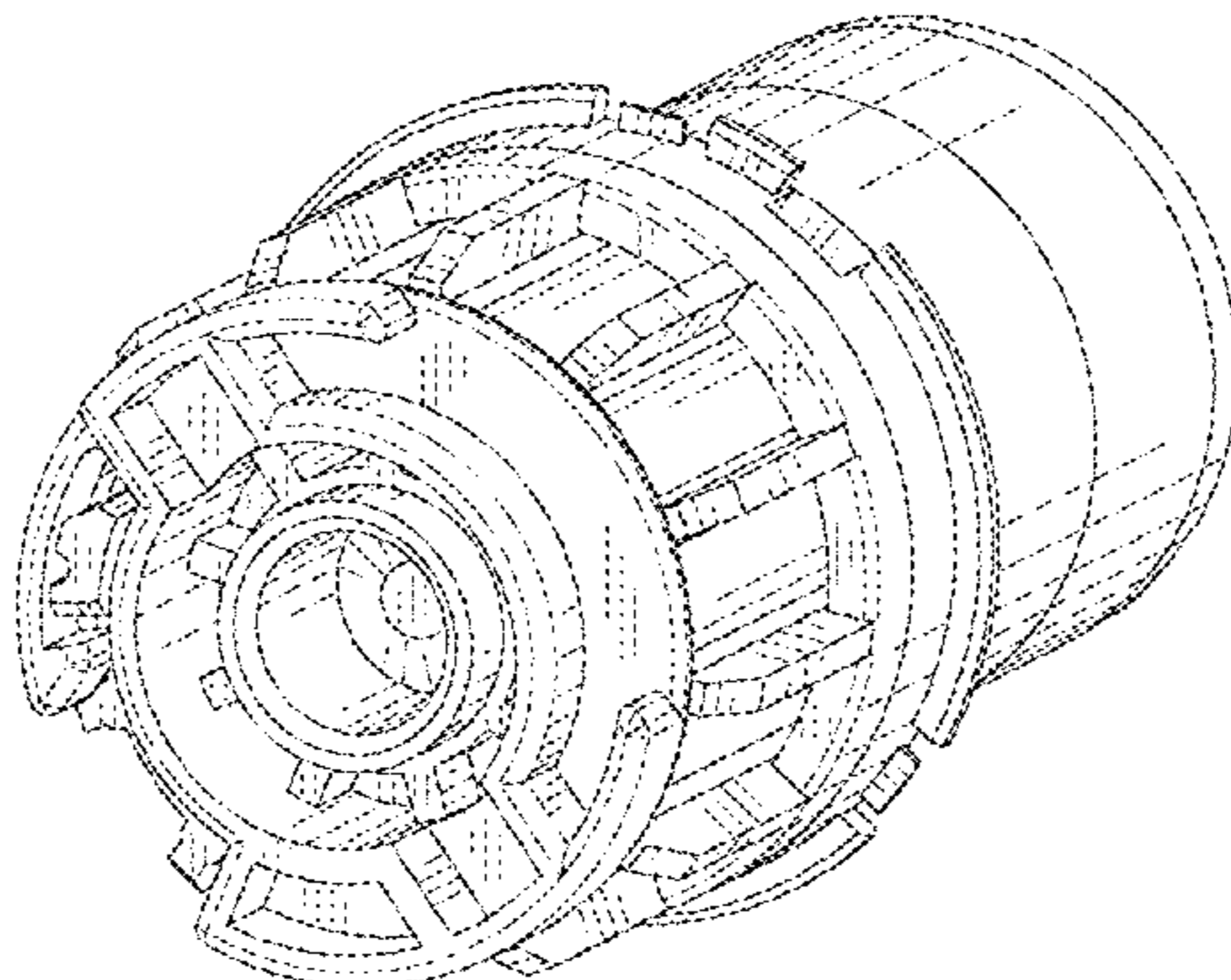
The ornamental design for a flange coupling for process cartridge for image forming apparatus, as shown and described.

DESCRIPTION

1. Flange coupling for process cartridge for image forming apparatus
1.1 : Front
1.2 : Back
1.3 : Top
1.4 : Bottom
1.5 : Left
1.6 : Right
1.7 : Perspective

The broken lines represent portions of the flange coupling for process cartridge for image forming apparatus that form no part of the claimed design.

1 Claim, 7 Drawing Sheets



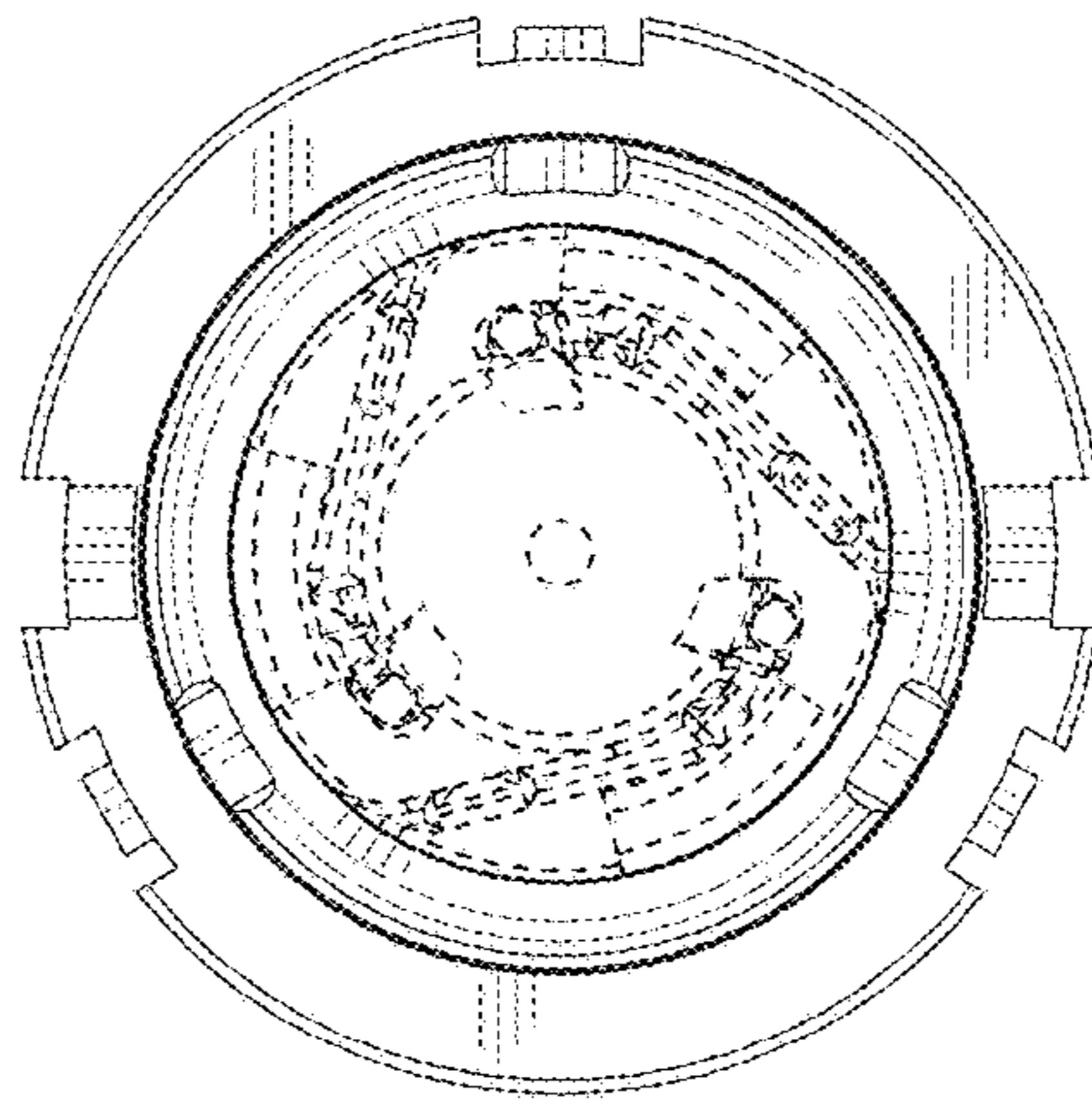
(56)

References Cited

U.S. PATENT DOCUMENTS

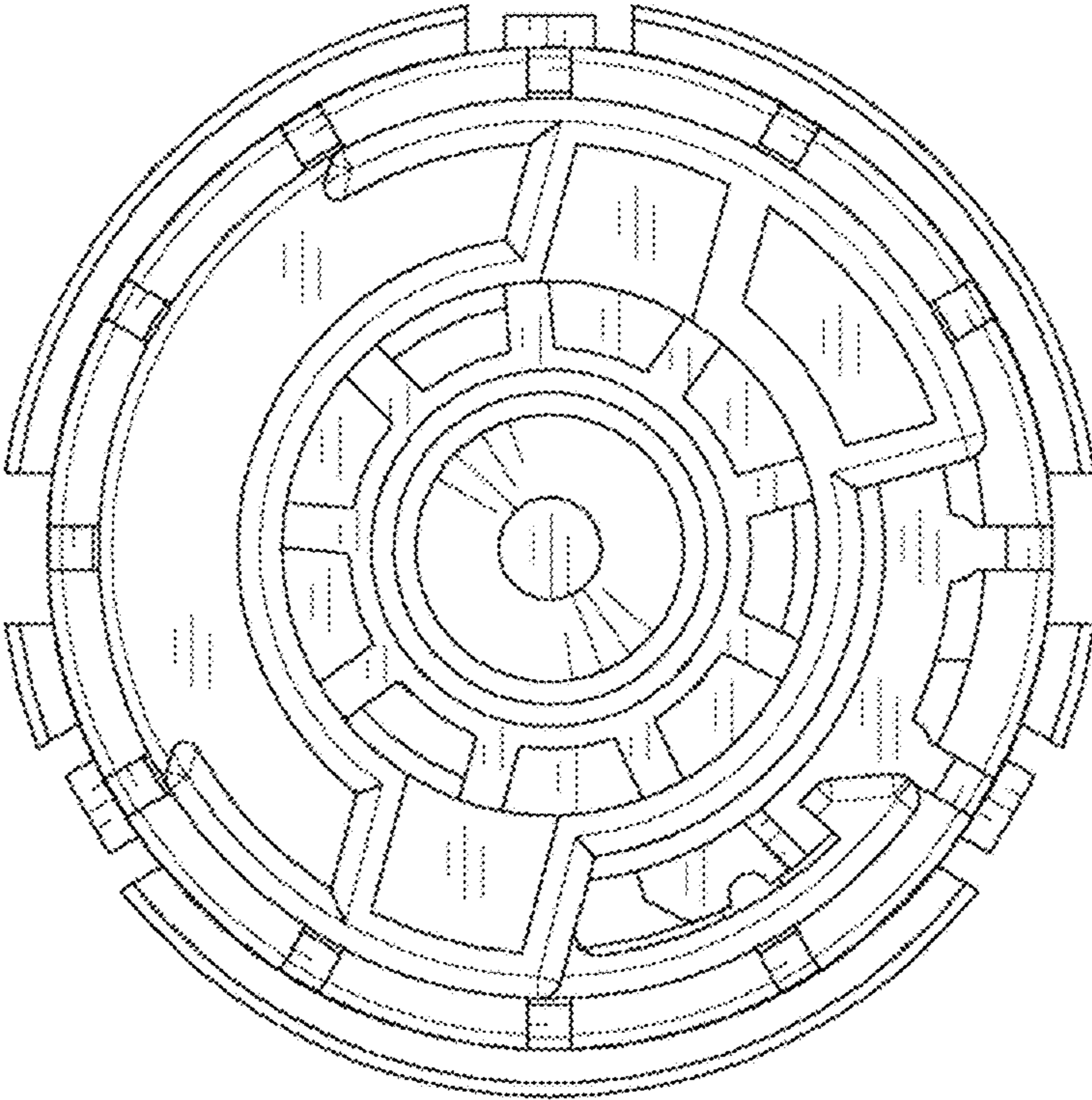
2015/0050050 A1* 2/2015 Huang G03G 21/1857
399/167
2018/0231037 A1* 8/2018 Wu F16B 5/0208

* cited by examiner

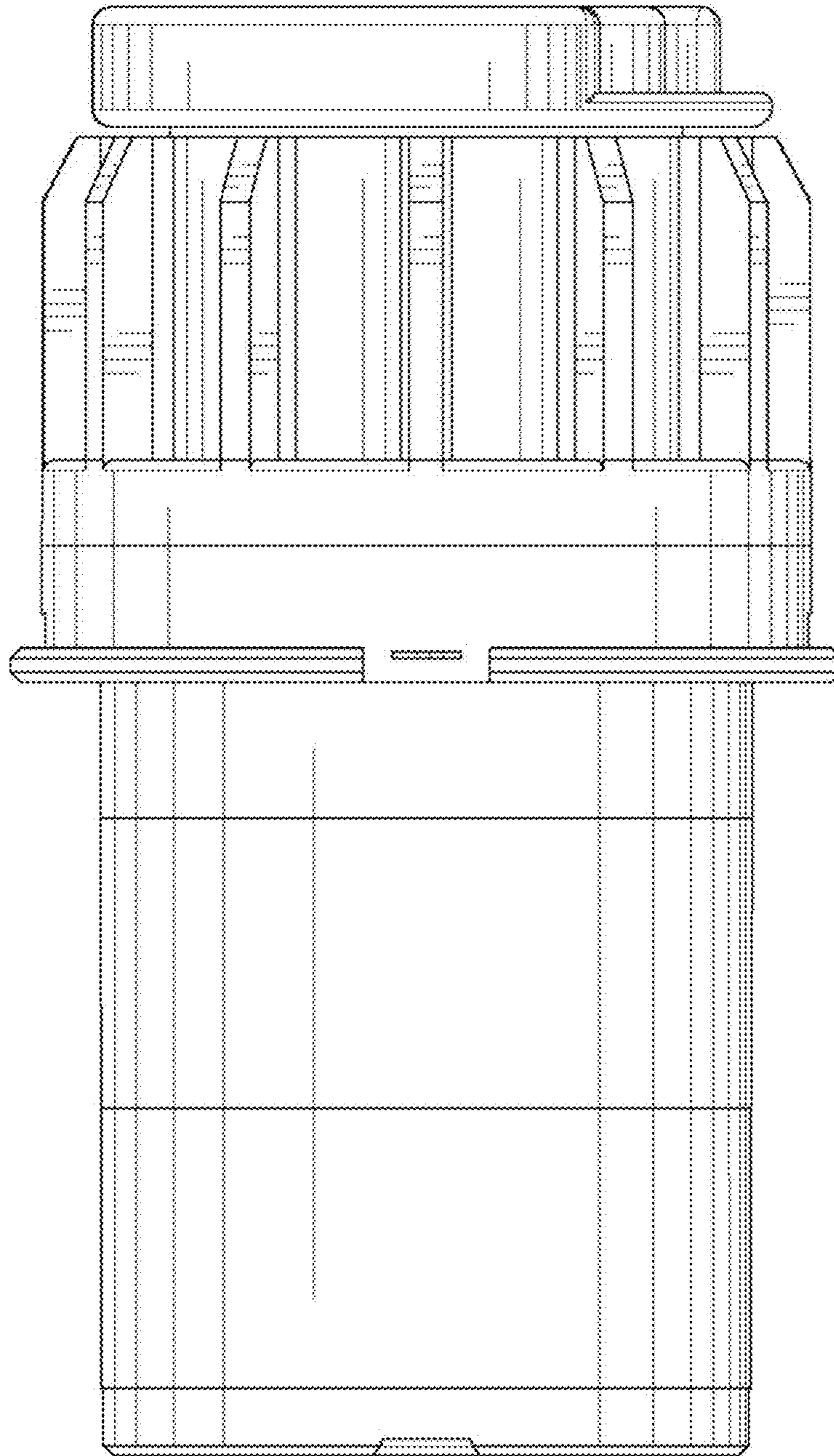


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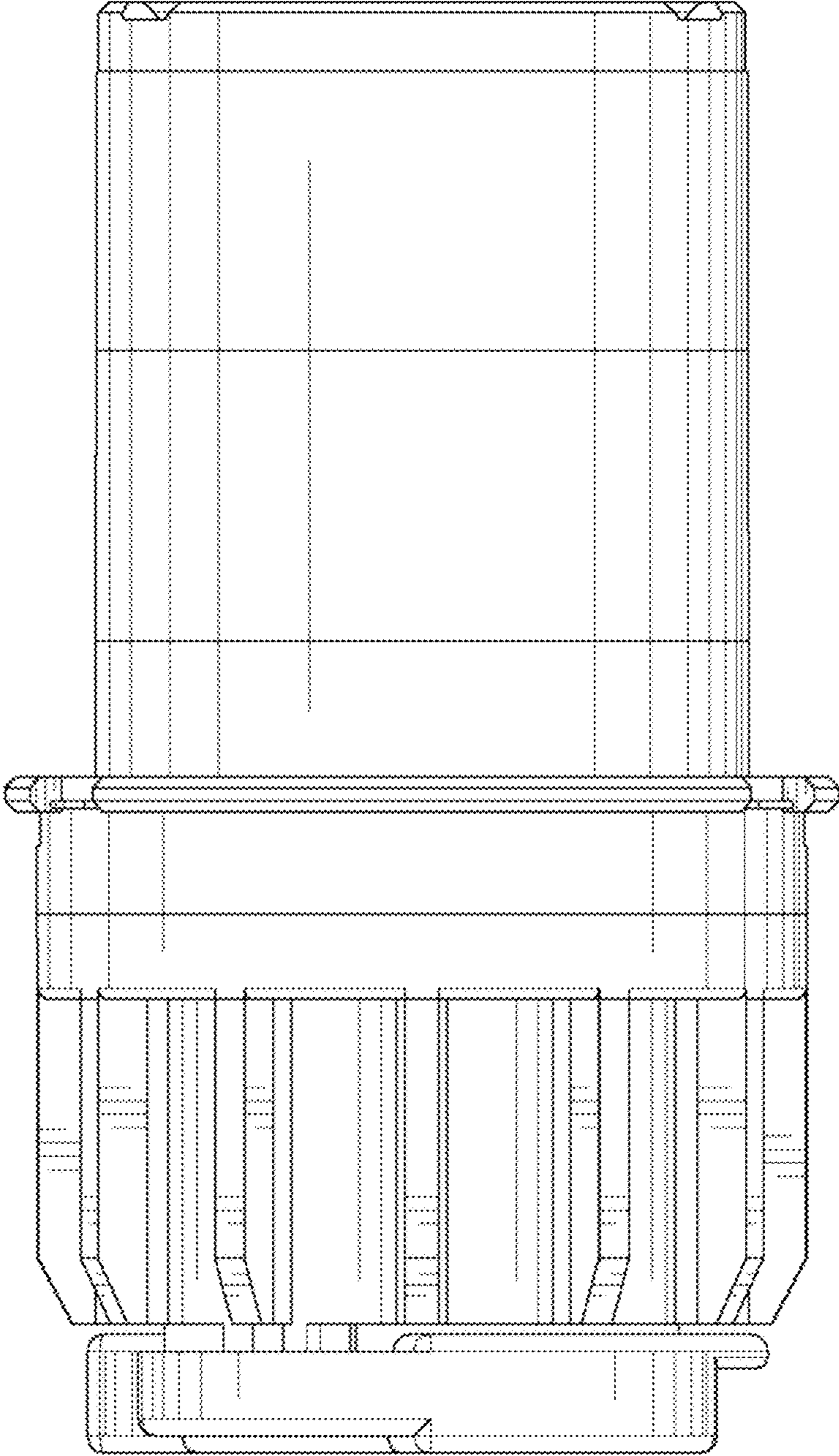
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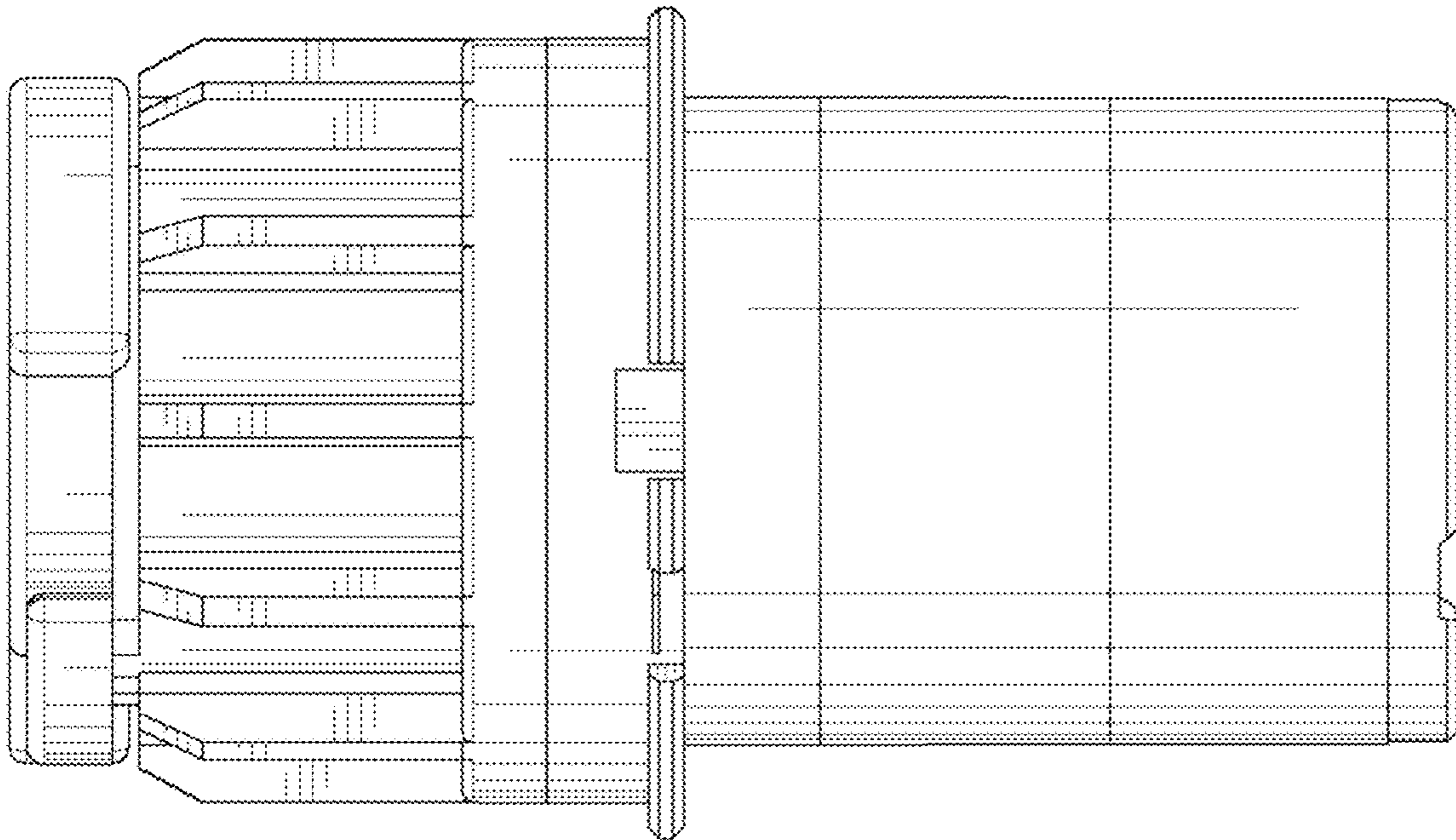
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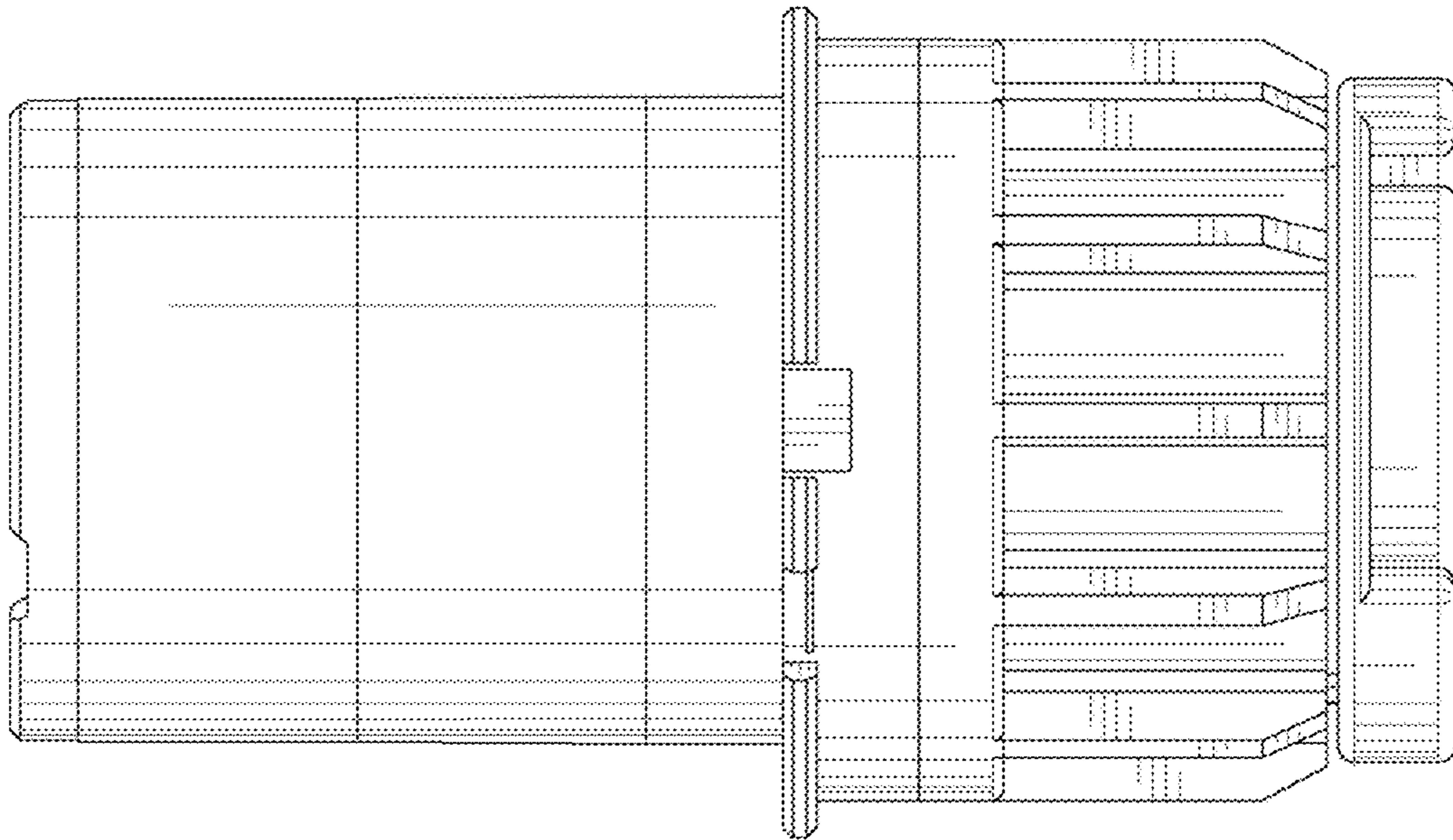
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1.5



1.6



1.7

