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(12) **United States Design Patent** (10) **Patent No.:** **US D940,665 S**  
**Sugie** (45) **Date of Patent:** **\*\* Jan. 11, 2022**

(54) **DUCT FOR POWER AND ELECTRICAL CABLES**

(71) Applicant: **SUGIE SEITO CO., LTD.**, Aichi (JP)

(72) Inventor: **Shogo Sugie**, Aichi (JP)

(73) Assignee: **SUGIE SEITO CO., LTD.**, Aichi (JP)

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USPC ..... **D13/155**

(58) **Field of Classification Search**  
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D8/349, 382, 394, 396  
CPC .. H02G 3/14; H02G 3/00; H02G 3/04; H02G  
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See application file for complete search history.

(56) **References Cited**

**U.S. PATENT DOCUMENTS**

4,445,750 A \* 5/1984 Grois ..... G02B 6/3887  
385/69  
4,805,979 A \* 2/1989 Bossard ..... G02B 6/4446  
385/135

5,251,373 A 10/1993 DeCarlo et al.  
5,568,584 A \* 10/1996 Smith ..... G02B 6/4446  
385/134  
5,787,219 A 7/1998 Mueller et al.  
6,046,406 A 4/2000 Milanowski et al.  
D503,155 S 3/2005 Noji  
7,015,394 B2 \* 3/2006 Desard ..... H02G 15/013  
174/100

(Continued)

**FOREIGN PATENT DOCUMENTS**

EP 0942303 A1 \* 9/1999 ..... H02G 15/013  
EP 2520960 A1 \* 11/2012 ..... G02B 6/445  
WO WO-0233796 A2 \* 4/2002 ..... H02G 15/117

**OTHER PUBLICATIONS**

Sugie Seito products Cera-Duct, retrieved on Mar. 17, 2021, retrieved from the Internet URL: file:///C:/Users/aofstun/Documents/e-Red%20Folder/29726230/Sugie%20Seito%20products%20Cera-Duct.pdf.\*

*Primary Examiner* — Jennifer Rivard

*Assistant Examiner* — Alison M Ofstun

(74) *Attorney, Agent, or Firm* — Maier & Maier, PLLC

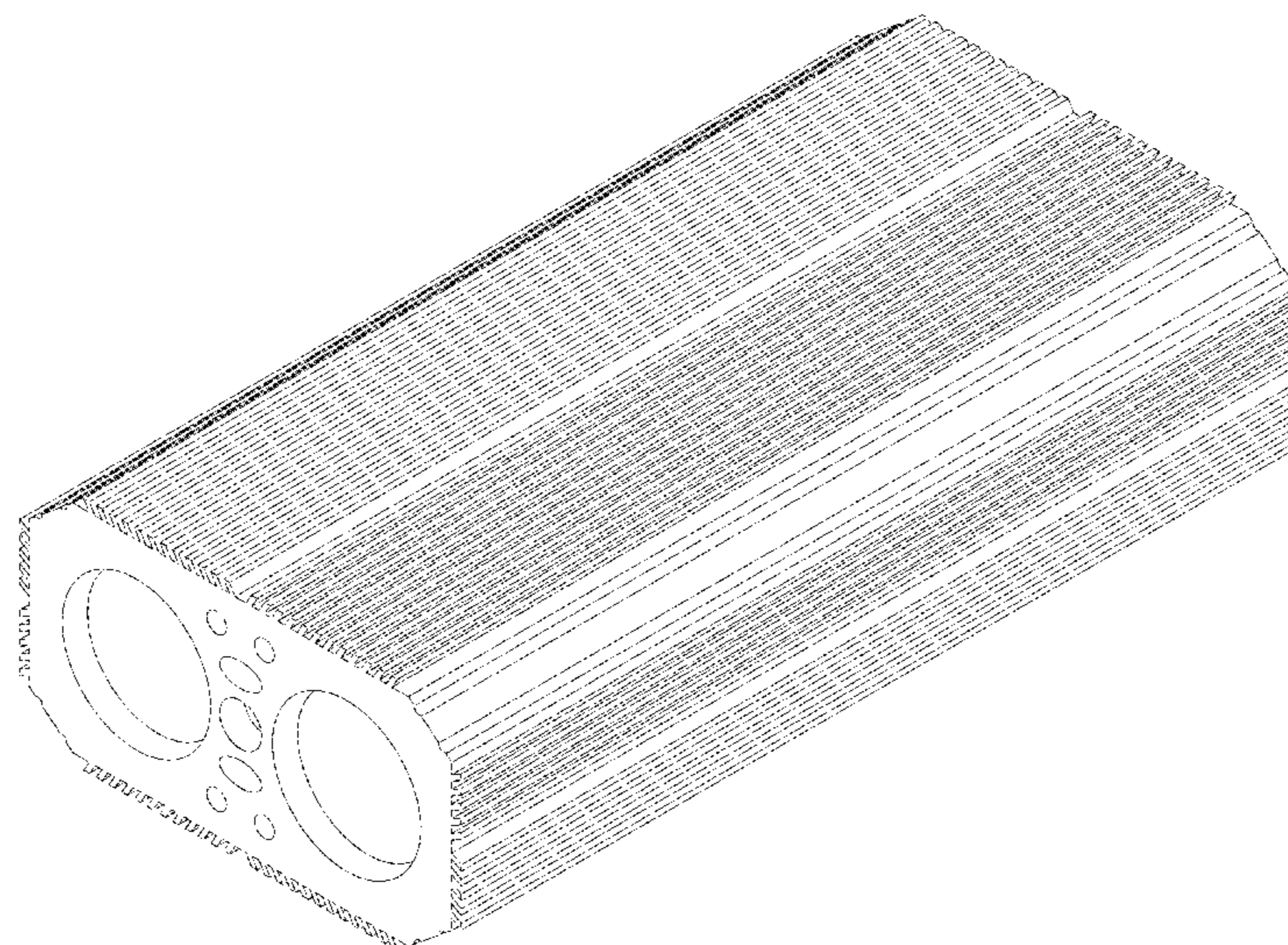
(57) **CLAIM**

The ornamental design for a duct for power and electrical cables, as shown and described.

**DESCRIPTION**

FIG. 1 is an enlarged front view of a duct for power and electrical cables, showing my new design, the rear view being a mirror image thereof;  
FIG. 2 is a right elevation view thereof, the left elevation view being a mirror image thereof;  
FIG. 3 is a top plan view thereof, the bottom plan view being a mirror image thereof; and,  
FIG. 4 is a perspective view thereof.

**1 Claim, 4 Drawing Sheets**



(56)

**References Cited**

U.S. PATENT DOCUMENTS

7,253,362 B1 \* 8/2007 Dower ..... H01R 4/70  
174/84 R  
7,376,325 B1 5/2008 Cloud et al.  
D758,320 S 6/2016 Prince  
D776,623 S 1/2017 Jenkins  
10,006,566 B2 \* 6/2018 Callahan ..... F16L 3/237  
D880,430 S \* 4/2020 Sugie ..... D13/155  
2006/0042814 A1 3/2006 Ball et al.  
2007/0261880 A1 \* 11/2007 Cox ..... H02G 3/081  
174/138 F  
2012/0279749 A1 11/2012 Badura et al.  
2014/0197958 A1 7/2014 Madden et al.  
2014/0226945 A1 8/2014 Claessens et al.  
2015/0071598 A1 3/2015 Badura et al.  
2016/0087352 A1 3/2016 Jaroschek  
2016/0285249 A1 9/2016 Zhai et al.  
2018/0254621 A1 9/2018 Coenegracht et al.

\* cited by examiner

FIG.1

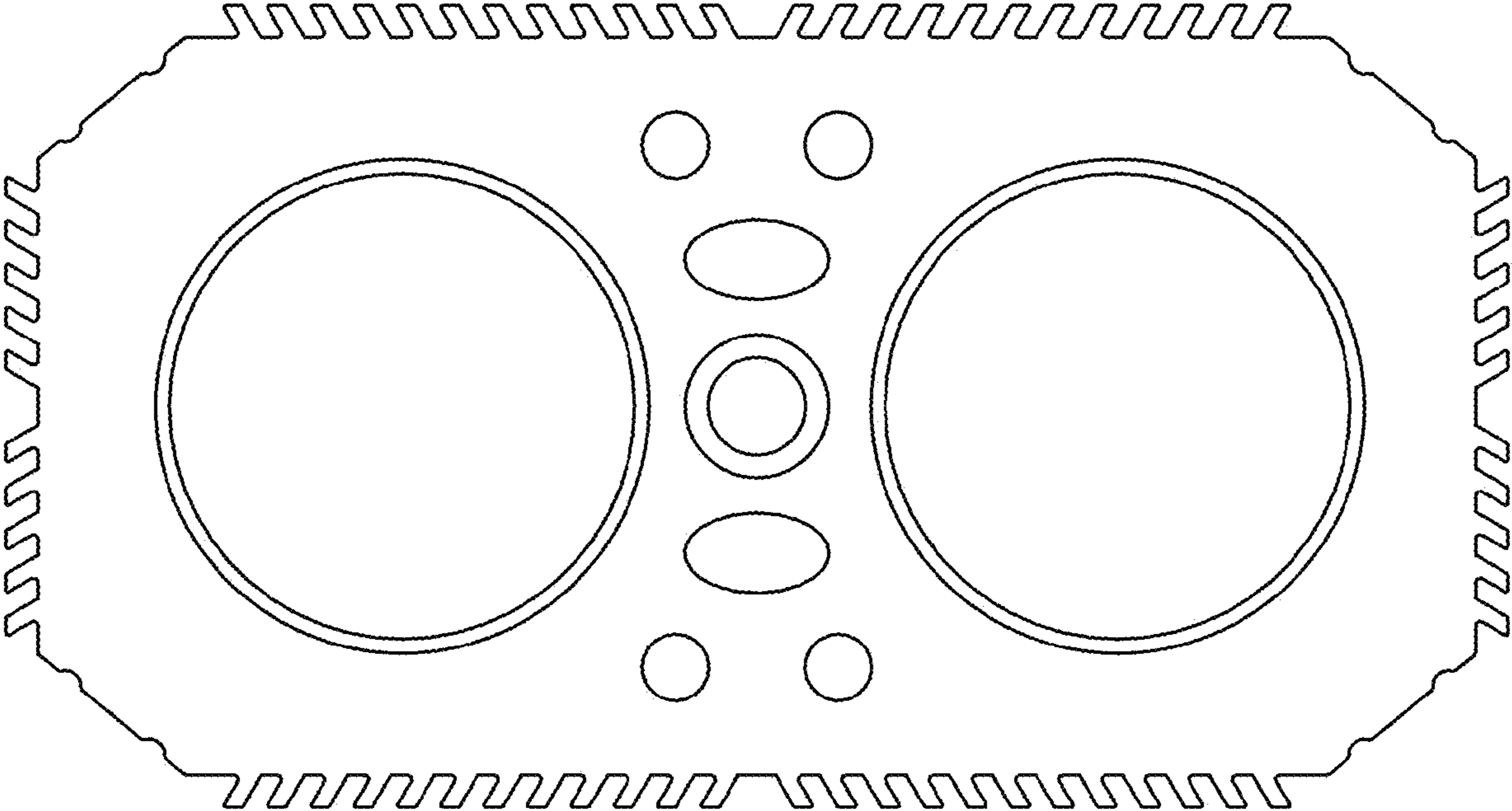


FIG.2

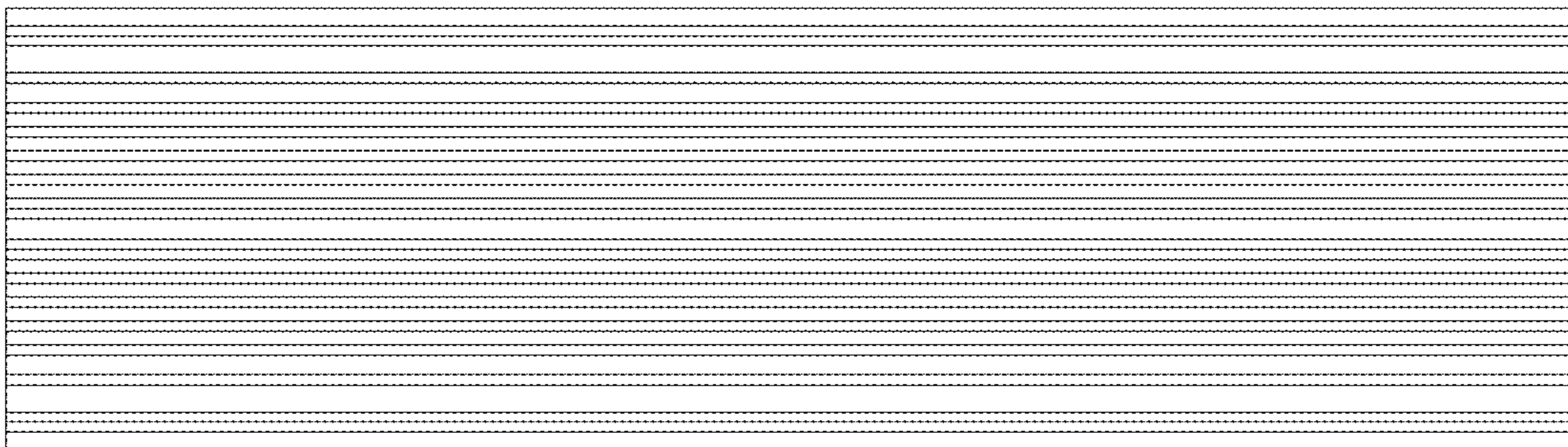
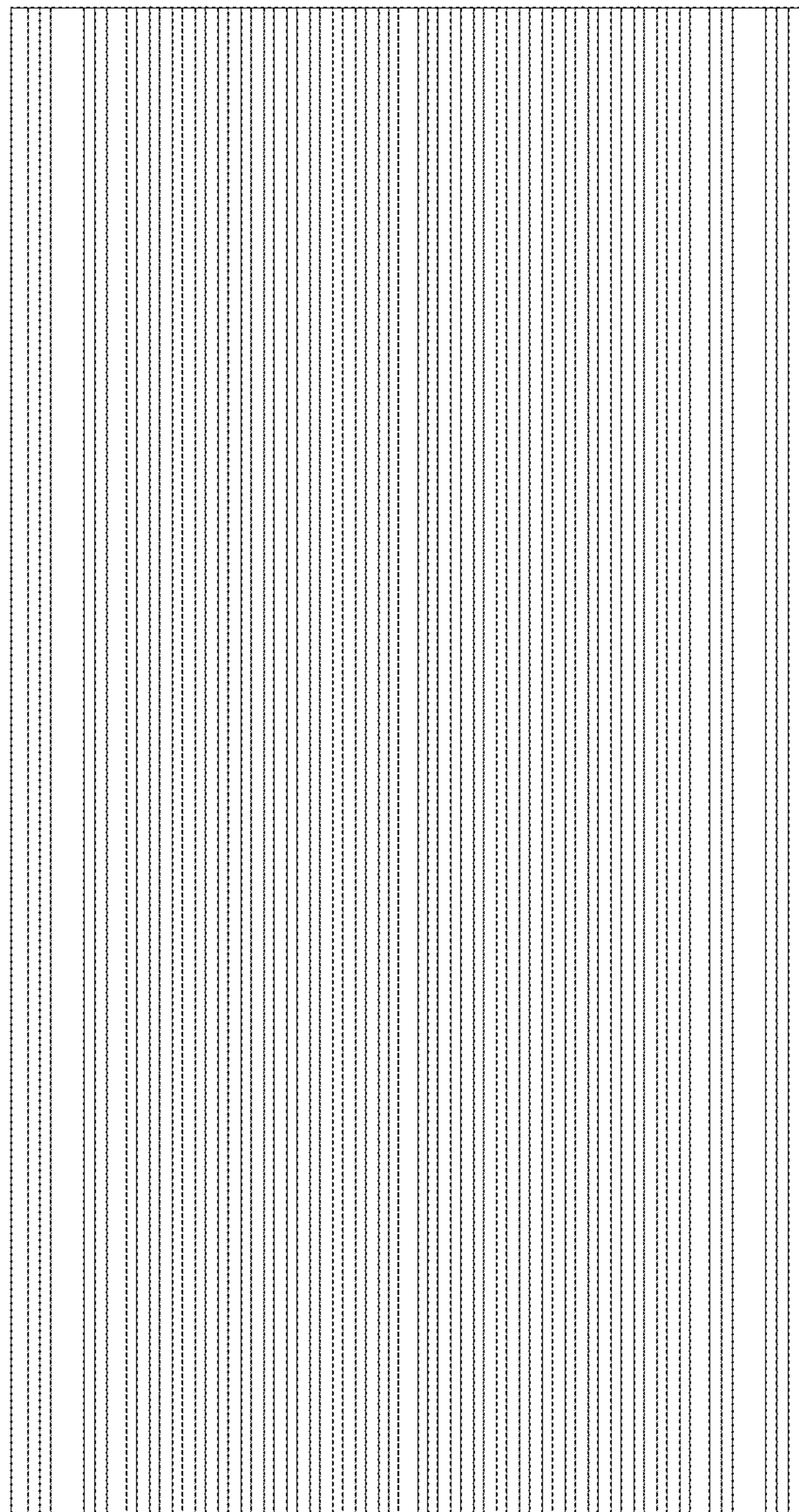




FIG.3





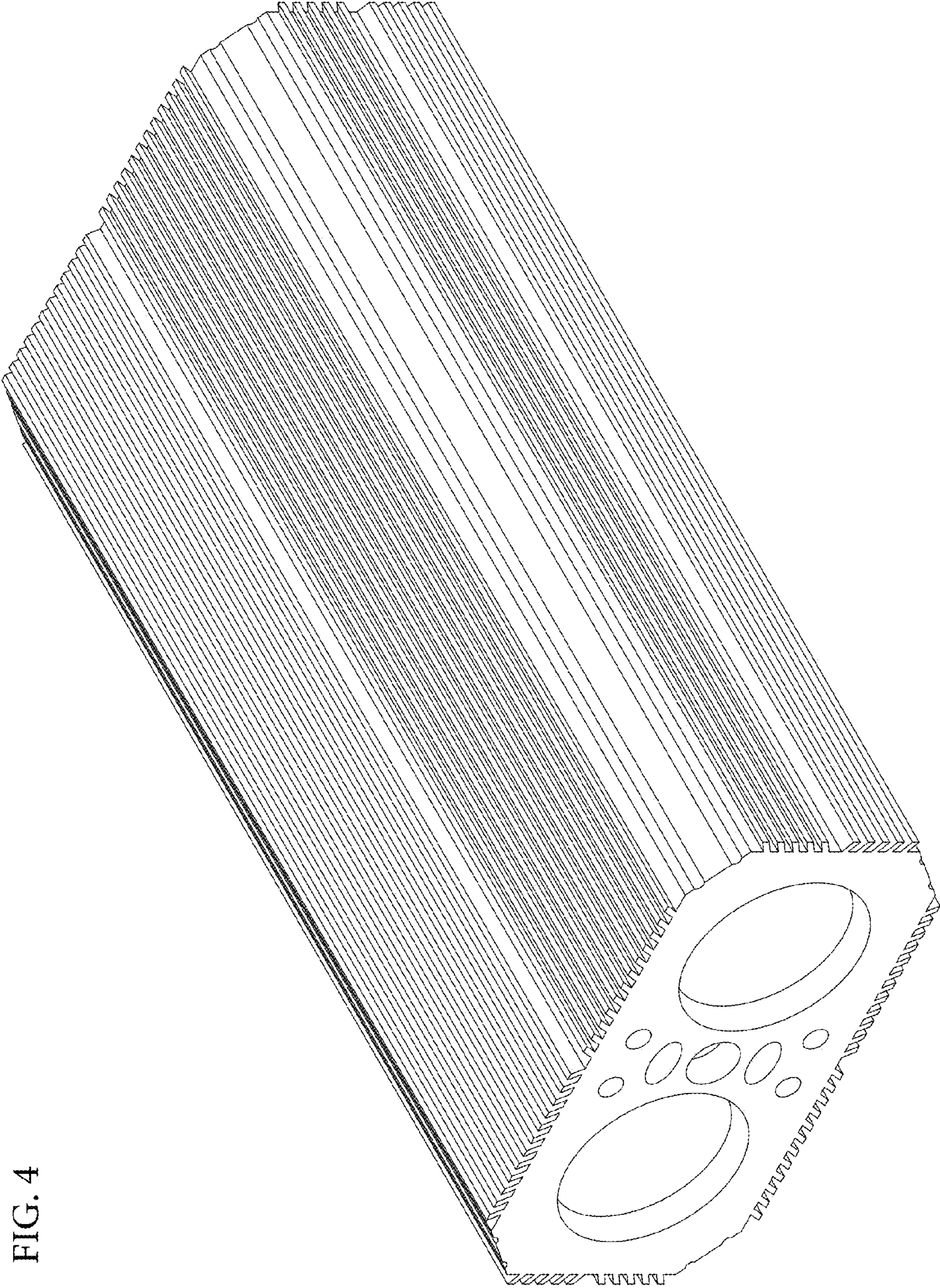


FIG. 4