

US00D634876S

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

(10) **Patent No.:** **US D634,876 S**  
(45) **Date of Patent:** **\*\* Mar. 22, 2011**

(54) **LIGHT TUBE ASSEMBLY**

(75) Inventors: **William Richard McGrath**, Randolph, VT (US); **Oliver Alexander Piluski**, Randolph, VT (US); **Jason Michael Orzell**, Randolph, VT (US); **Peter R. Rahm**, Rochester, VT (US)

(73) Assignee: **LEDdynamics, Inc.**, Randolph, VT (US)

(\*\*) Term: **14 Years**

(21) Appl. No.: **29/355,359**

(22) Filed: **Feb. 5, 2010**

**Related U.S. Application Data**

(62) Division of application No. 29/317,866, filed on May 8, 2008, now Pat. No. Des. 612,528.

(51) **LOC (9) Cl.** ..... **26-03**

(52) **U.S. Cl.** ..... **D26/79**

(58) **Field of Classification Search** ..... D26/72, D26/74, 75, 76, 77, 78, 79, 80, 81, 82, 83, D26/84, 85, 86, 88, 89, 90, 91, 1, 2, 3, 24, D26/56; D13/180, 182; 362/555, 576, 147, 362/150, 217.01, 219, 217.02, 217.03, 217.04, 362/217.05, 217.08, 217.09, 260, 364, 365, 362/366, 404, 800

See application file for complete search history.

(56) **References Cited**

**U.S. PATENT DOCUMENTS**

D138,370 S 7/1944 Bradley  
(Continued)

**OTHER PUBLICATIONS**

Related U.S. Appl. No. 29/317,866, filed May 8, 2008.

(Continued)

*Primary Examiner* — Angela J Lee

(74) *Attorney, Agent, or Firm* — Downs Rachlin Martin PLLC

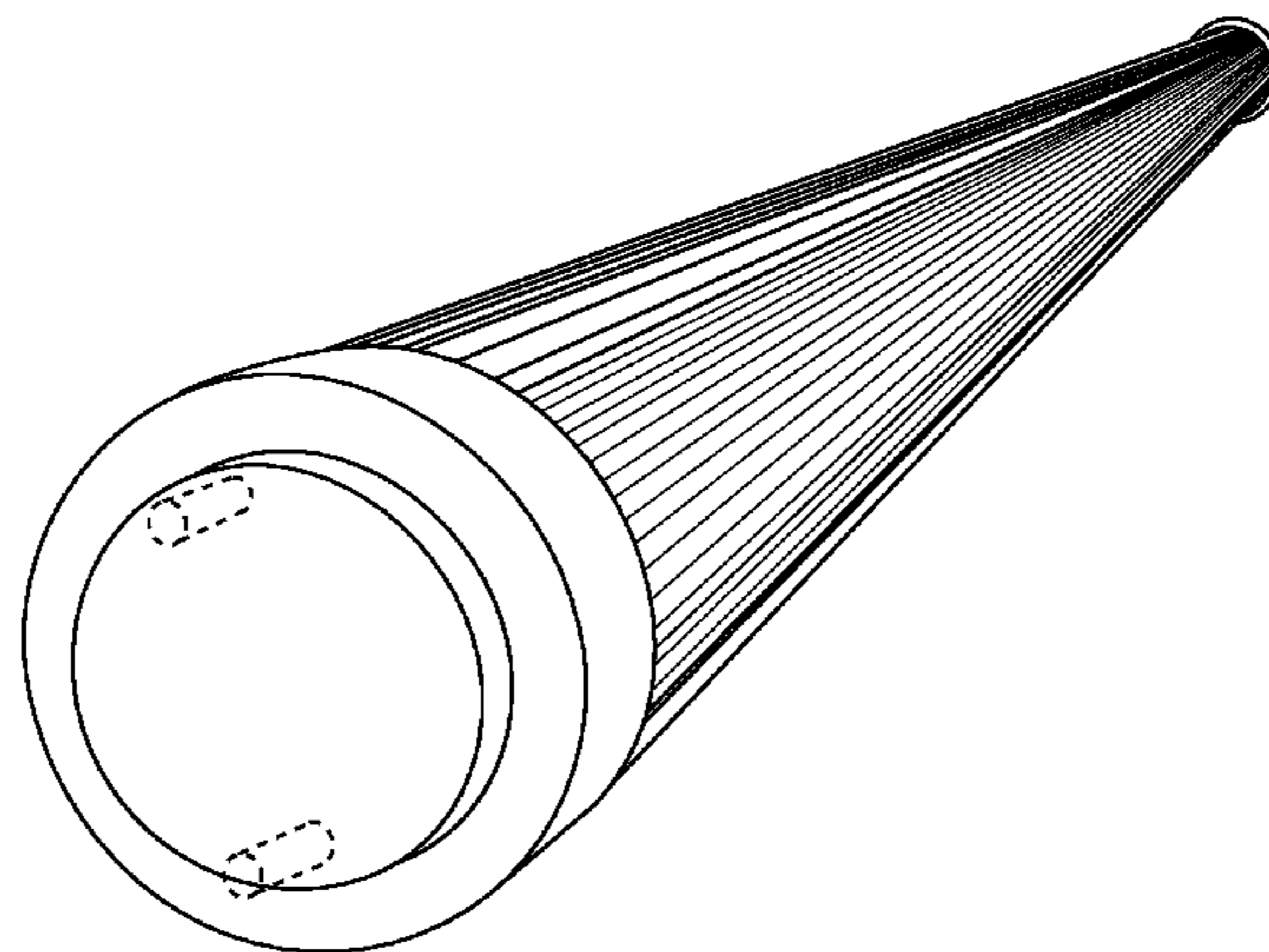
(57) **CLAIM**

We claim the ornamental design for a light tube assembly, as shown and described.

**DESCRIPTION**

FIG. 1 is a side, and perspective view of first side of one embodiment of a light tube assembly, the first side having a lens of the light tube assembly shown without broken lines; FIG. 2 is a side, end perspective view of the first side of the light tube assembly of FIG. 1 with one end cap removed to more clearly illustrate the contours of the outer surfaces; FIG. 3 is a side, end perspective view of a second side of the light tube assembly of FIG. 1; FIG. 4 is a side, end perspective view of the second side of the light tube assembly of FIG. 1 with one end cap removed to more clearly illustrate the contours of the outer surfaces; FIG. 5 is an elevation view of one end of the light tube assembly of FIG. 1 with the end caps removed to more clearly illustrate the contours of the outer surface, with the lens of the light tube assembly shown at the top of the illustration; FIG. 6 is an elevation view of one end of the light tube assembly of FIG. 1, the second end is the same as the first end; FIG. 7 is a reduced scale elevational view of a third side of the light tube assembly of FIG. 1, the fourth side of the light tube assembly is the same as the third side; FIG. 8 is an enlarged, elevational, partial view of the third side of the light tube assembly of FIG. 1; FIG. 9 is a reduced scale elevational view of the first side of the light tube assembly of FIG. 1; FIG. 10 is an enlarged, elevational, partial view of the first side of the light tube assembly of FIG. 1; FIG. 11 is a reduced scale elevational view of the second side of the light tube assembly of FIG. 1; and, FIG. 12 is an enlarged, elevational, partial view of the second side of the light tube assembly of FIG. 1. The broken lines showing light sources, interior features and pin connectors illustrate the environmental structure of the light tube assembly and form no part of the claimed design.

**1 Claim, 6 Drawing Sheets**



# US D634,876 S

Page 2

## U.S. PATENT DOCUMENTS

D240,549 S 7/1976 Eftekhar  
D269,910 S \* 7/1983 Johansson ..... D25/124  
D274,657 S 7/1984 Herst et al.  
D354,360 S 1/1995 Murata  
D356,382 S 3/1995 Jaksich  
D381,760 S 7/1997 Costa  
D384,178 S \* 9/1997 Costa ..... D26/76  
5,909,953 A \* 6/1999 Shima ..... 362/260  
6,033,092 A 3/2000 Simon  
D438,326 S 2/2001 Kan  
D446,877 S 8/2001 Lester  
D459,516 S 6/2002 Demers et al.  
D465,292 S 11/2002 Ko  
6,762,562 B2 7/2004 Leong et al.  
D500,883 S 1/2005 Herst et al.  
6,853,151 B2 2/2005 Leong et al.  
6,860,628 B2 3/2005 Robertson et al.  
6,936,968 B2 8/2005 Cross et al.  
6,997,576 B1 2/2006 Lodhie et al.  
7,049,761 B2 5/2006 Timmermans et al.  
7,067,992 B2 6/2006 Leong et al.  
7,114,830 B2 10/2006 Robertson et al.  
D537,547 S 2/2007 Iida  
7,198,387 B1 4/2007 Gloisten et al.  
D550,885 S \* 9/2007 Crosby ..... D26/76  
D556,359 S \* 11/2007 Cunius ..... D26/76

7,307,391 B2 12/2007 Shan  
D576,749 S 9/2008 Kitagawa et al.  
D577,456 S 9/2008 Schwendinger et al.  
D579,139 S \* 10/2008 Ghini ..... D26/76  
7,452,104 B2 11/2008 New et al.  
D584,429 S \* 1/2009 Pei et al. .... D26/3  
7,510,299 B2 3/2009 Timmermans et al.  
D590,099 S 4/2009 Maxik et al.  
7,530,715 B2 5/2009 Mii  
D595,443 S \* 6/2009 Tran et al. .... D26/76  
D595,444 S 6/2009 Shimomura  
D603,079 S \* 10/2009 Toot et al. .... D26/76  
D606,501 S \* 12/2009 Plonski et al. .... D13/179  
D608,487 S \* 1/2010 Pei et al. .... D26/76  
D612,528 S \* 3/2010 McGrath et al. .... D26/76  
D617,488 S \* 6/2010 Cho ..... D26/76  
2003/0102810 A1 6/2003 Cross et al.  
2006/0193131 A1 8/2006 McGrath et al.

## OTHER PUBLICATIONS

Notice of Allowance dated Nov. 10, 2009 in related U.S. Appl. No. 29/317,866.

Post Allowance Remarks dated Jan. 12, 2010 in related U.S. Appl. No. 29/317,866.

\* cited by examiner



FIG. 1

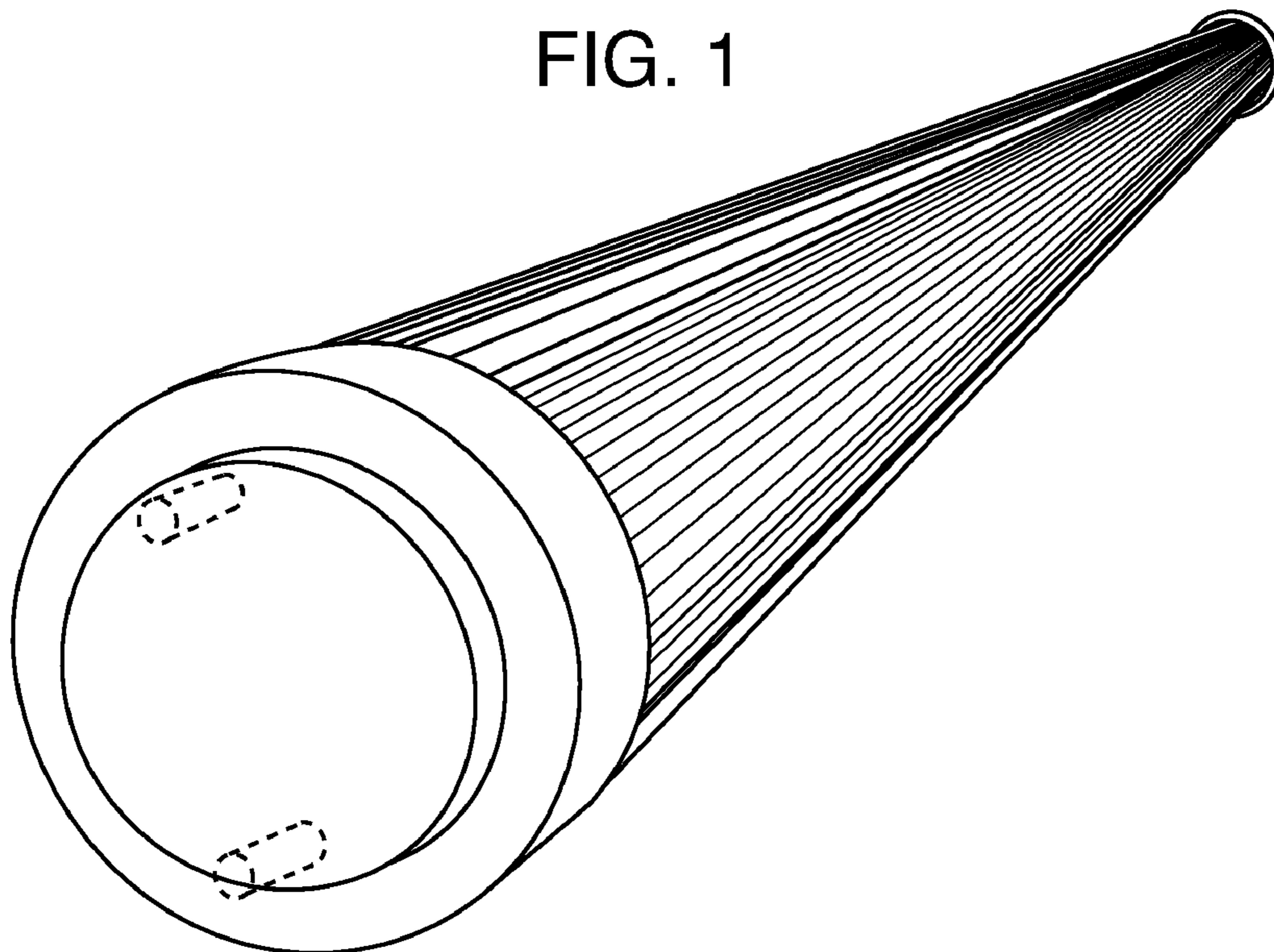


FIG. 2

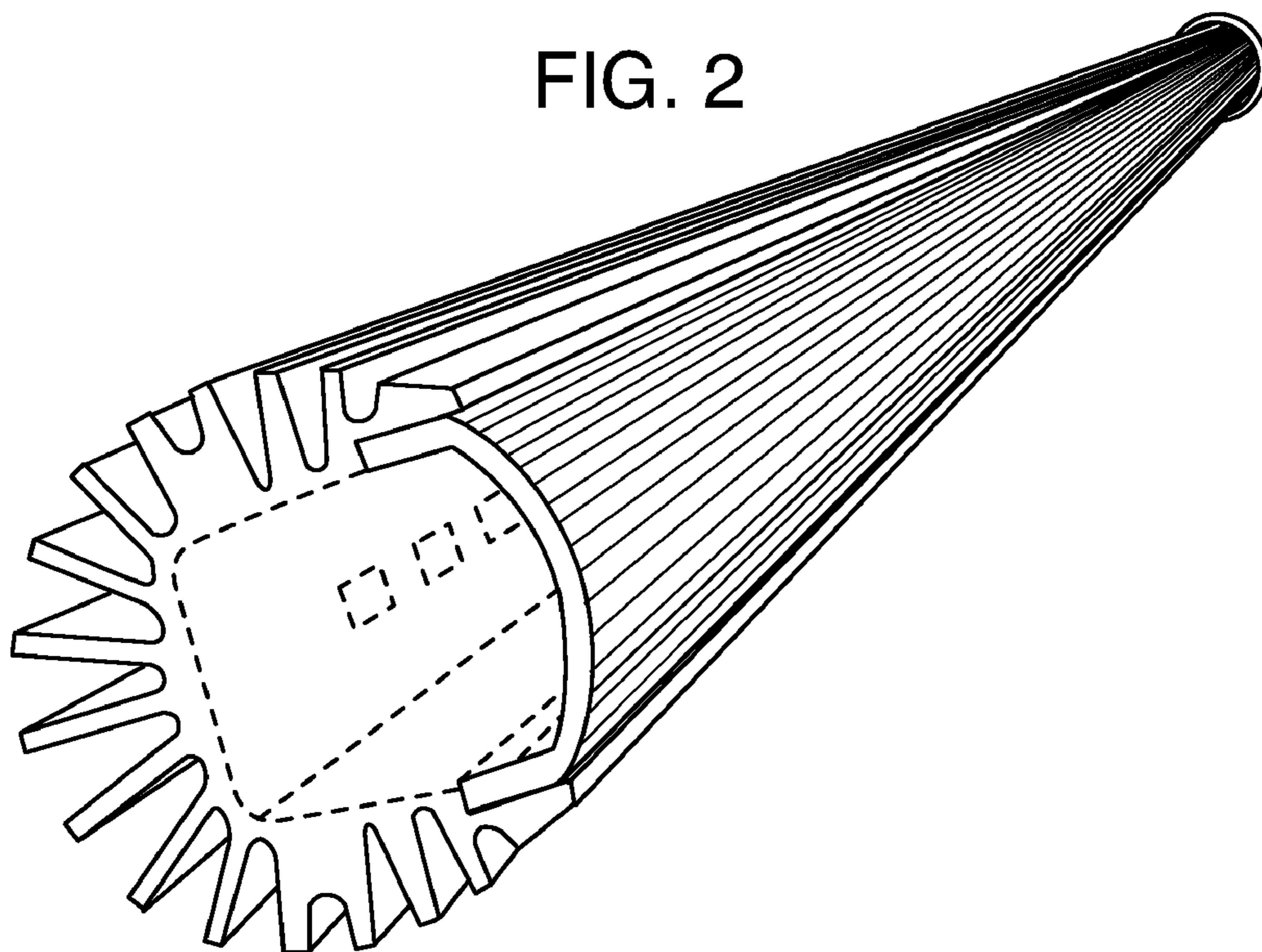


FIG. 3

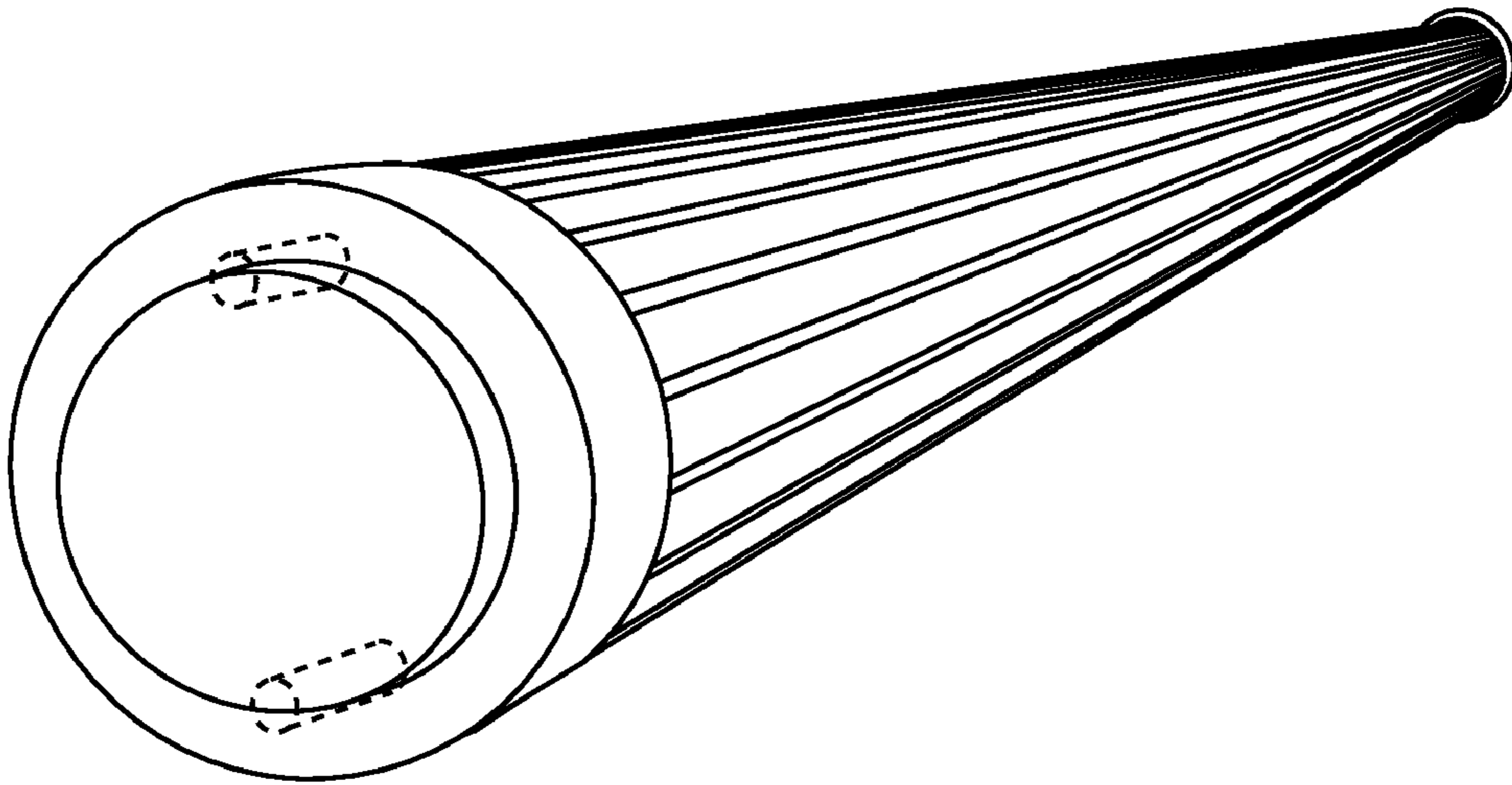


FIG. 4

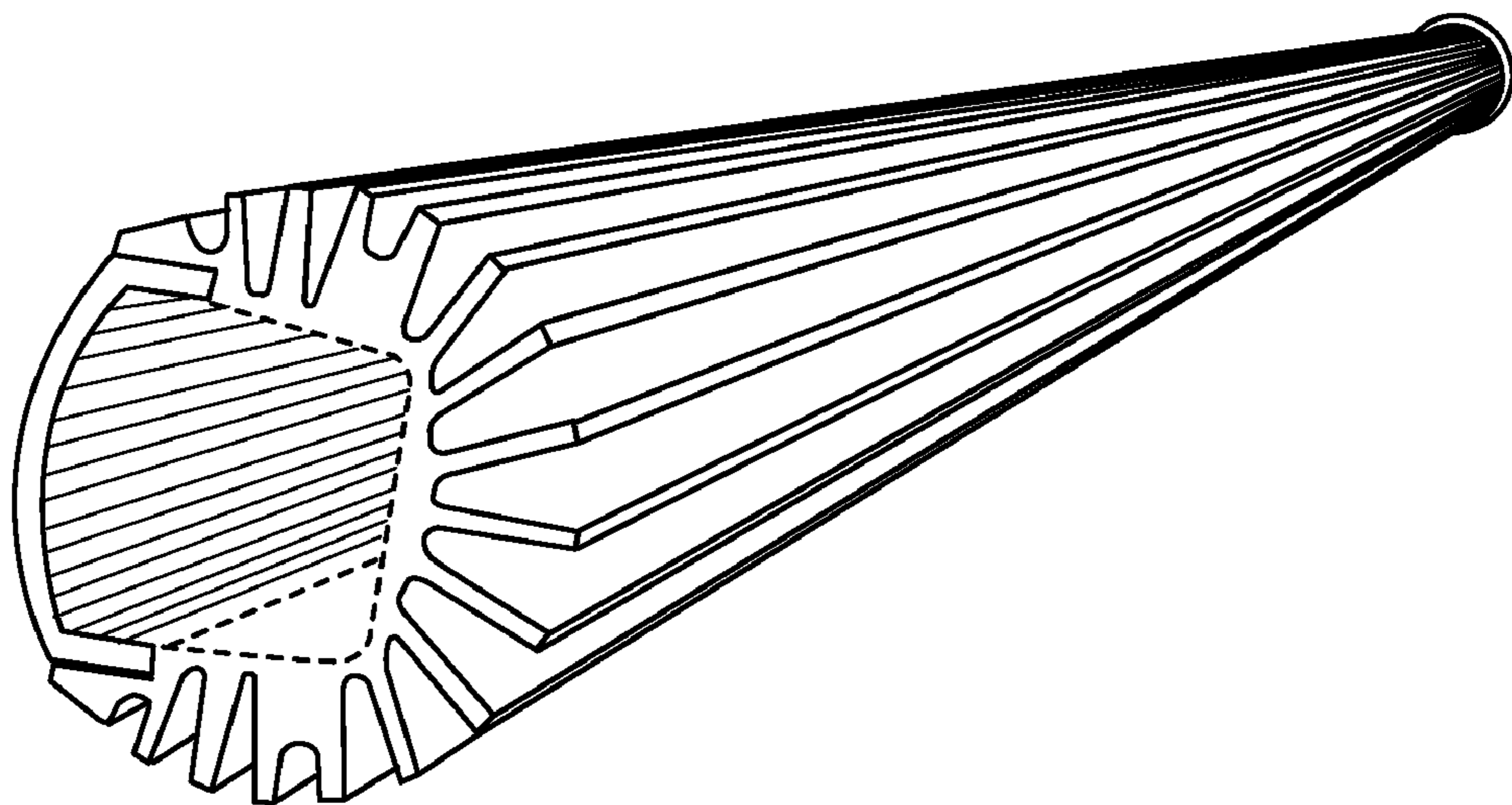


FIG. 5

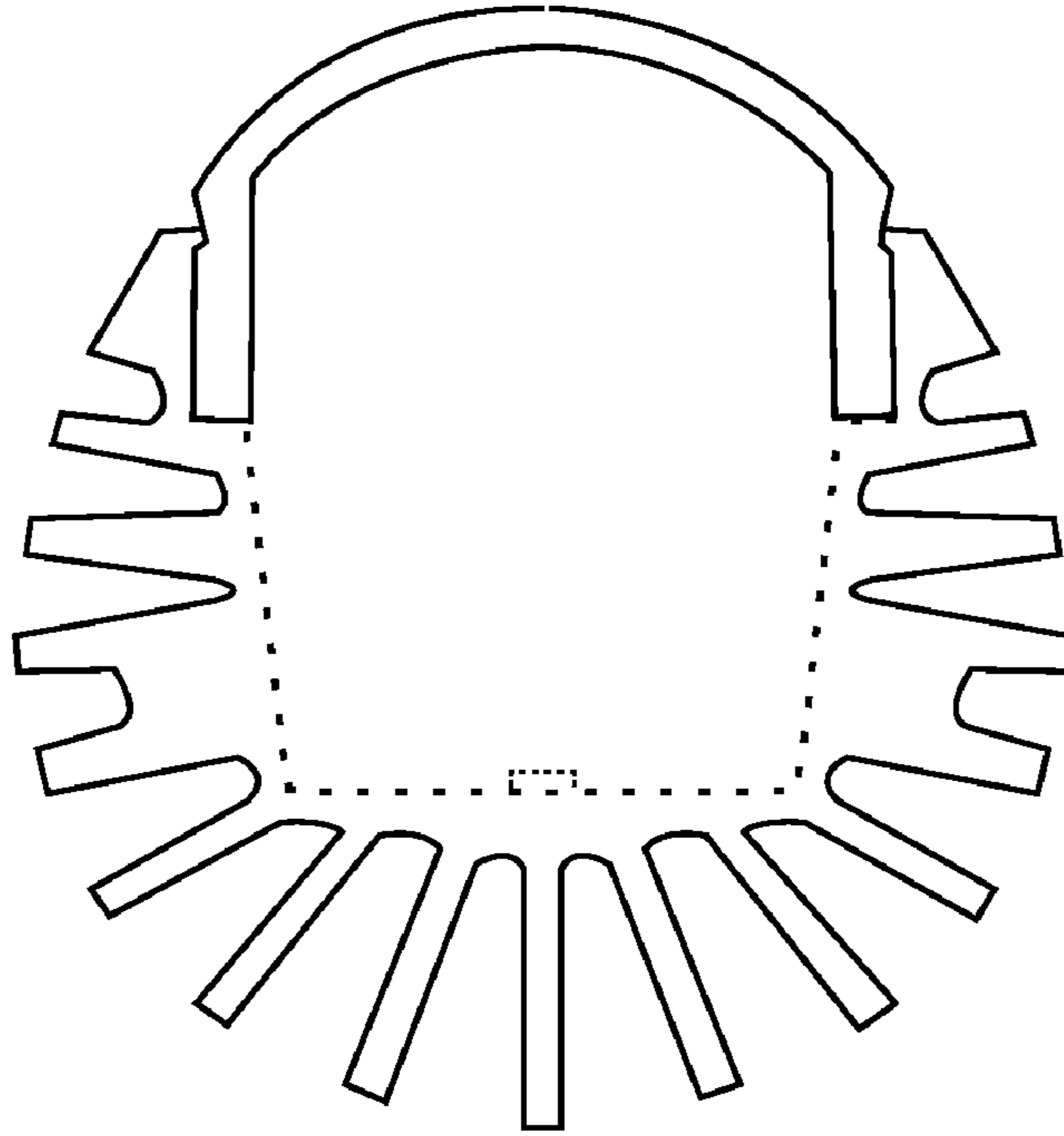


FIG. 6

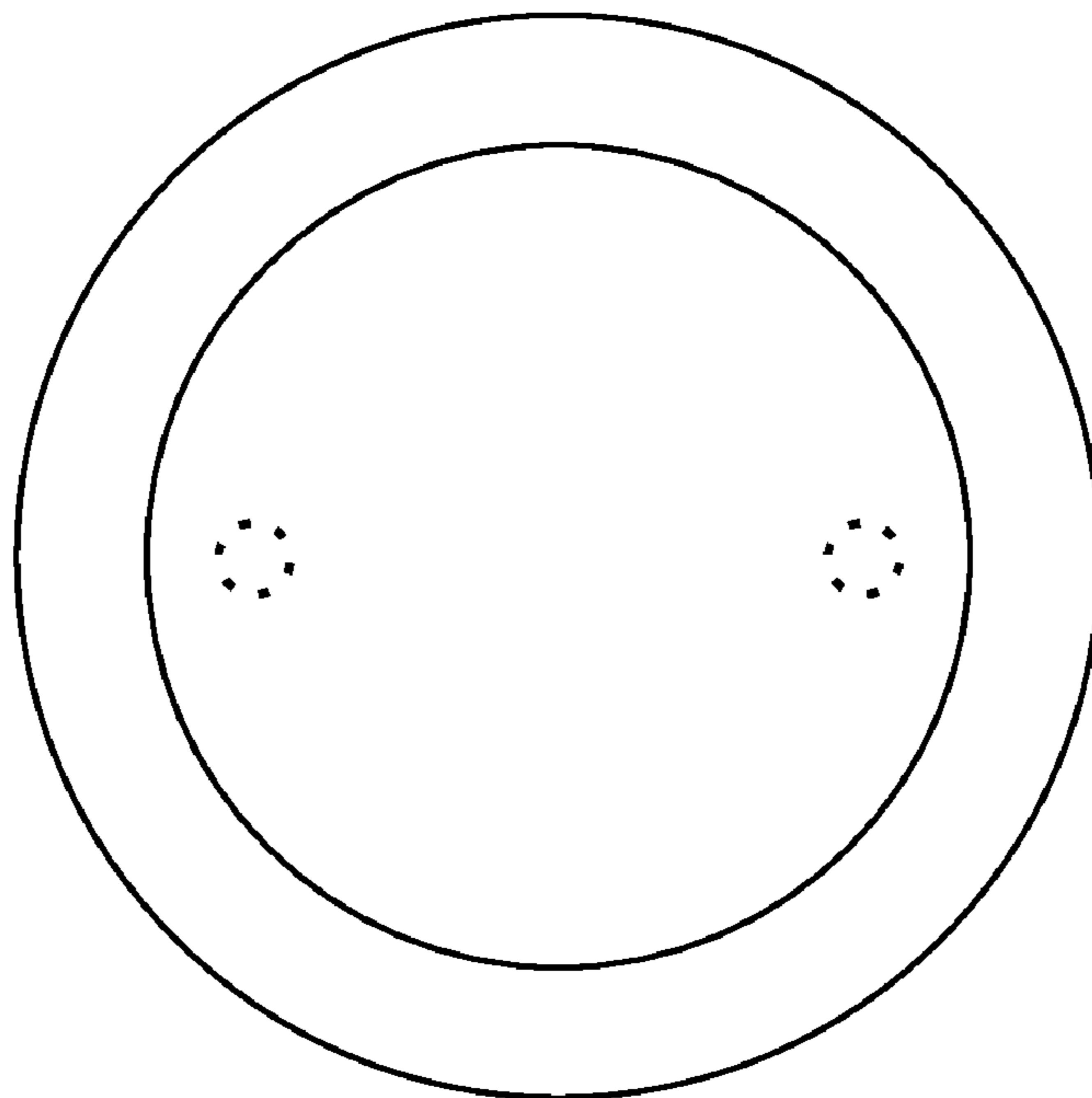




FIG. 7

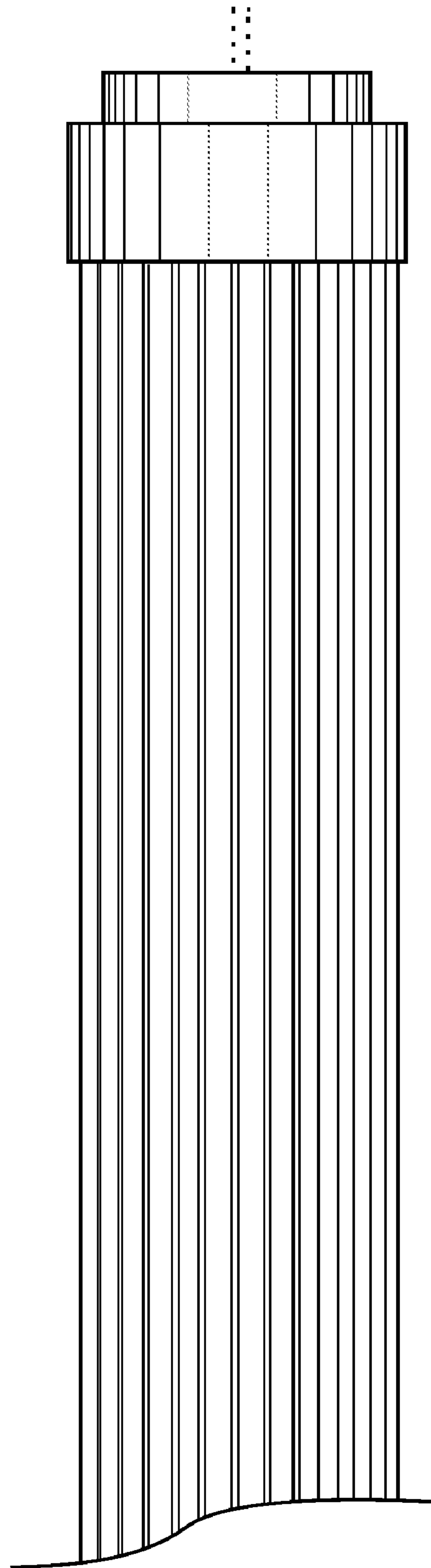


FIG. 8

FIG. 9

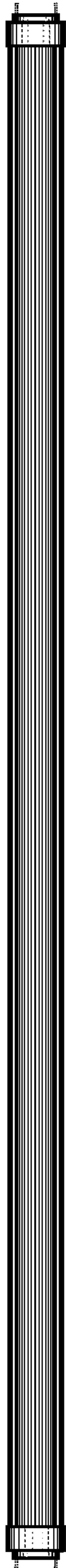
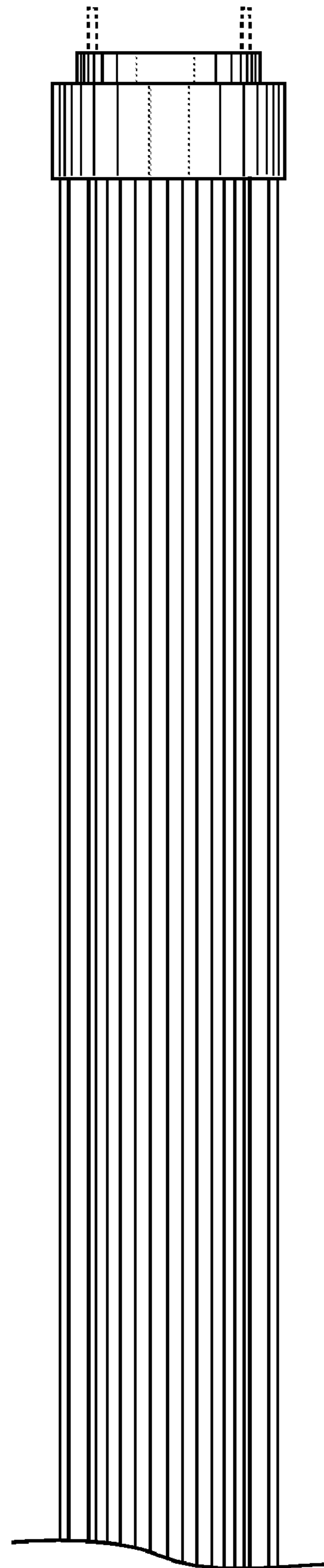


FIG. 10



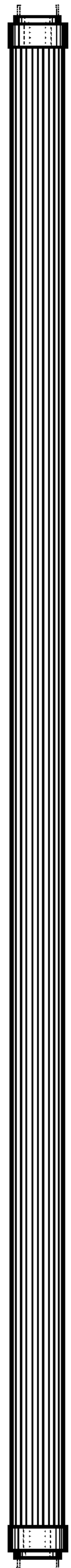


FIG. 11

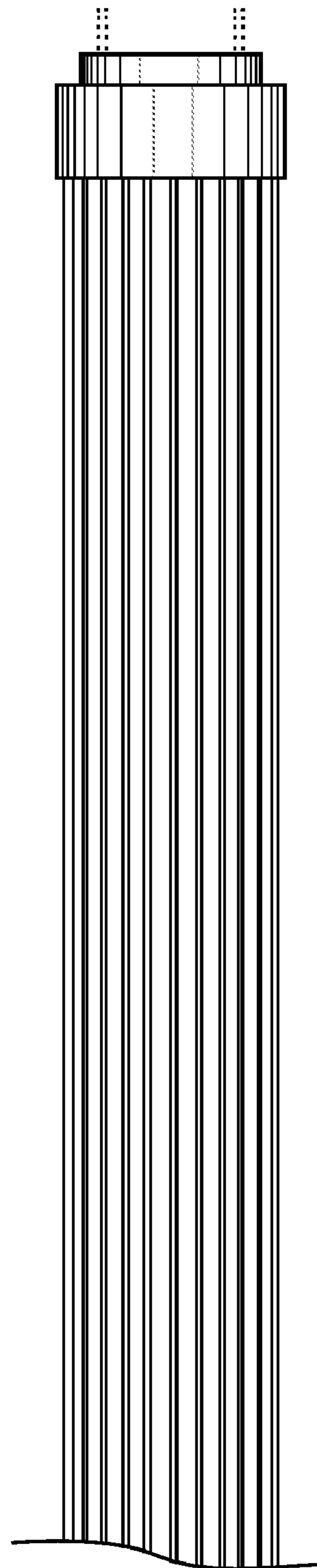


FIG. 12