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(12) **United States Design Patent**  
**Herbst**

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(54) **SPIRAL FORMED GRILLE**

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(72) Inventor: **Scot Herbst**, Santa Cruz, CA (US)

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

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(51) **LOC (9) Cl.** ..... **23-04**

(52) **U.S. Cl.**  
USPC ..... **D23/412; D23/382**

(58) **Field of Classification Search**

USPC ..... D23/317, 330, 332–342, 351–360,  
D23/363, 364, 370–379, 381–383, 385–388,  
D23/393, 394, 399, 411–414; 454/237–253,  
454/186, 228–236, 192; 52/302.1; 417/423.1,  
417/423.14; 415/182.1, 200, 90; 416/244 R,  
416/246, 247 R; D6/309; D21/430, 436, 442,  
D21/447, 450, 453, 458; 5/421, 423

See application file for complete search history.

(56) **References Cited**

**U.S. PATENT DOCUMENTS**

|              |         |                |       |         |
|--------------|---------|----------------|-------|---------|
| D325,432 S * | 4/1992  | Cook           | ..... | D23/381 |
| D384,733 S * | 10/1997 | Jane et al.    | ..... | D23/335 |
| D384,734 S * | 10/1997 | Ellwood        | ..... | D23/337 |
| D386,579 S * | 11/1997 | Jane et al.    | ..... | D23/412 |
| D387,152 S * | 12/1997 | Jane et al.    | ..... | D23/382 |
| D402,742 S * | 12/1998 | Chen           | ..... | D23/335 |
| D420,442 S * | 2/2000  | Brewer         | ..... | D23/412 |
| D426,876 S * | 6/2000  | Rossman et al. | ..... | D23/341 |
| D441,065 S * | 4/2001  | Ediger et al.  | ..... | D23/328 |
| D499,472 S * | 12/2004 | Ching          | ..... | D23/332 |

|              |        |               |       |         |
|--------------|--------|---------------|-------|---------|
| D546,437 S * | 7/2007 | Chen          | ..... | D23/382 |
| D546,933 S * | 7/2007 | Chen          | ..... | D23/382 |
| D565,721 S * | 4/2008 | Chen          | ..... | D23/382 |
| D597,195 S * | 7/2009 | Zhuang        | ..... | D23/411 |
| D597,640 S * | 8/2009 | Israel et al. | ..... | D23/335 |
| D610,672 S * | 2/2010 | Xiao          | ..... | D23/382 |
| D636,858 S * | 4/2011 | Ediger et al. | ..... | D23/335 |

\* cited by examiner

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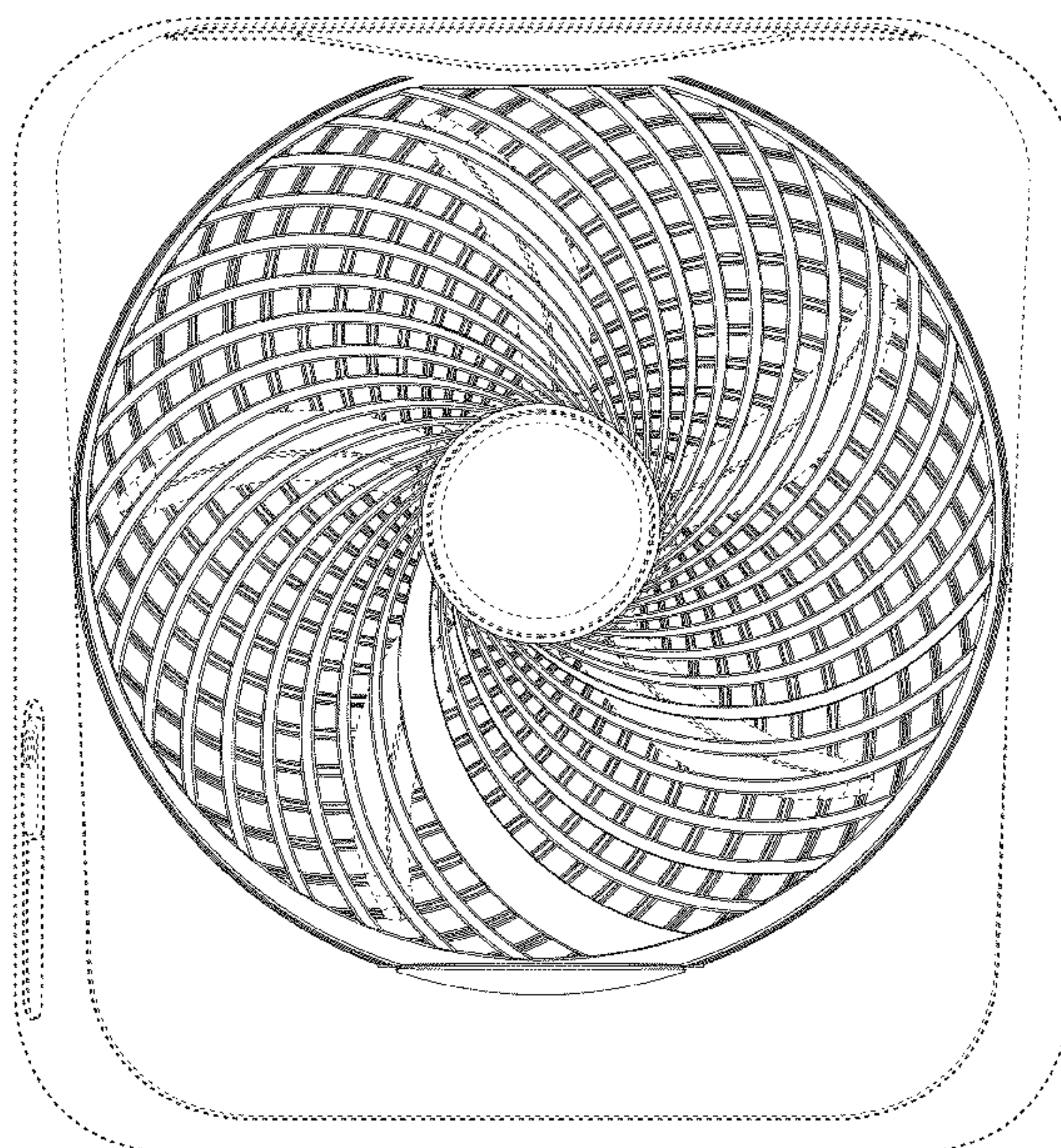
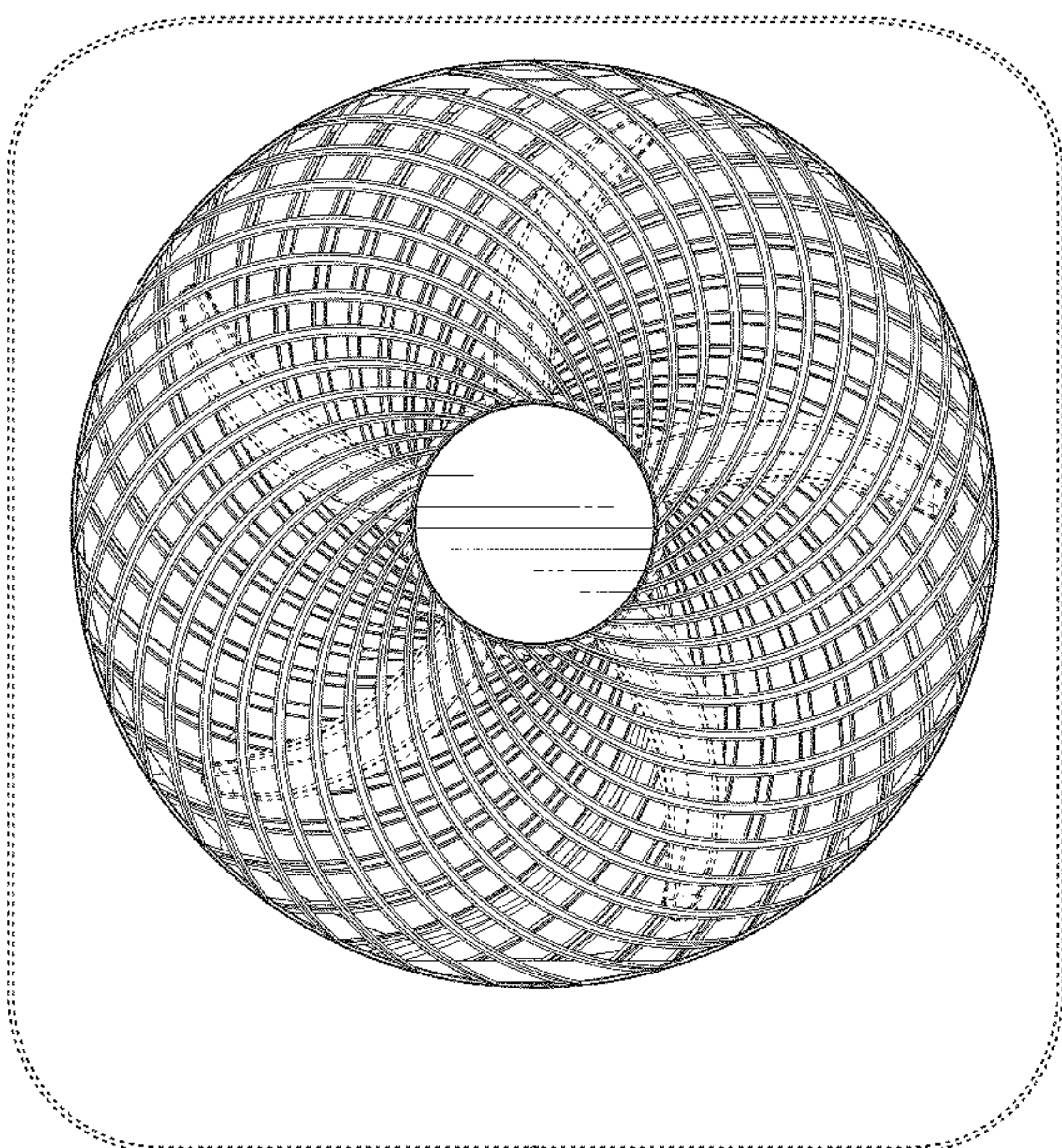
(57) **CLAIM**

I claim the ornamental design for a spiral formed grille, as shown and described.

**DESCRIPTION**

FIG. 1 is a front perspective view of the spiral formed grille; FIG. 2 is a rear perspective view of the spiral formed grille; FIG. 3 is a front elevational view of the spiral formed grille; FIG. 4 is a rear elevational view of the spiral formed grille; FIG. 5 is a side elevational view of the spiral formed grille; FIG. 6 is a side elevational view of the opposed side of the spiral formed grille; FIG. 7 is a top elevational view of the spiral formed grille; and, FIG. 8 is a bottom elevational view of the spiral formed grille. The broken line showing of structure is included for the purpose of illustrating portions of the “article” and forms no part of the claimed design.

**1 Claim, 7 Drawing Sheets**



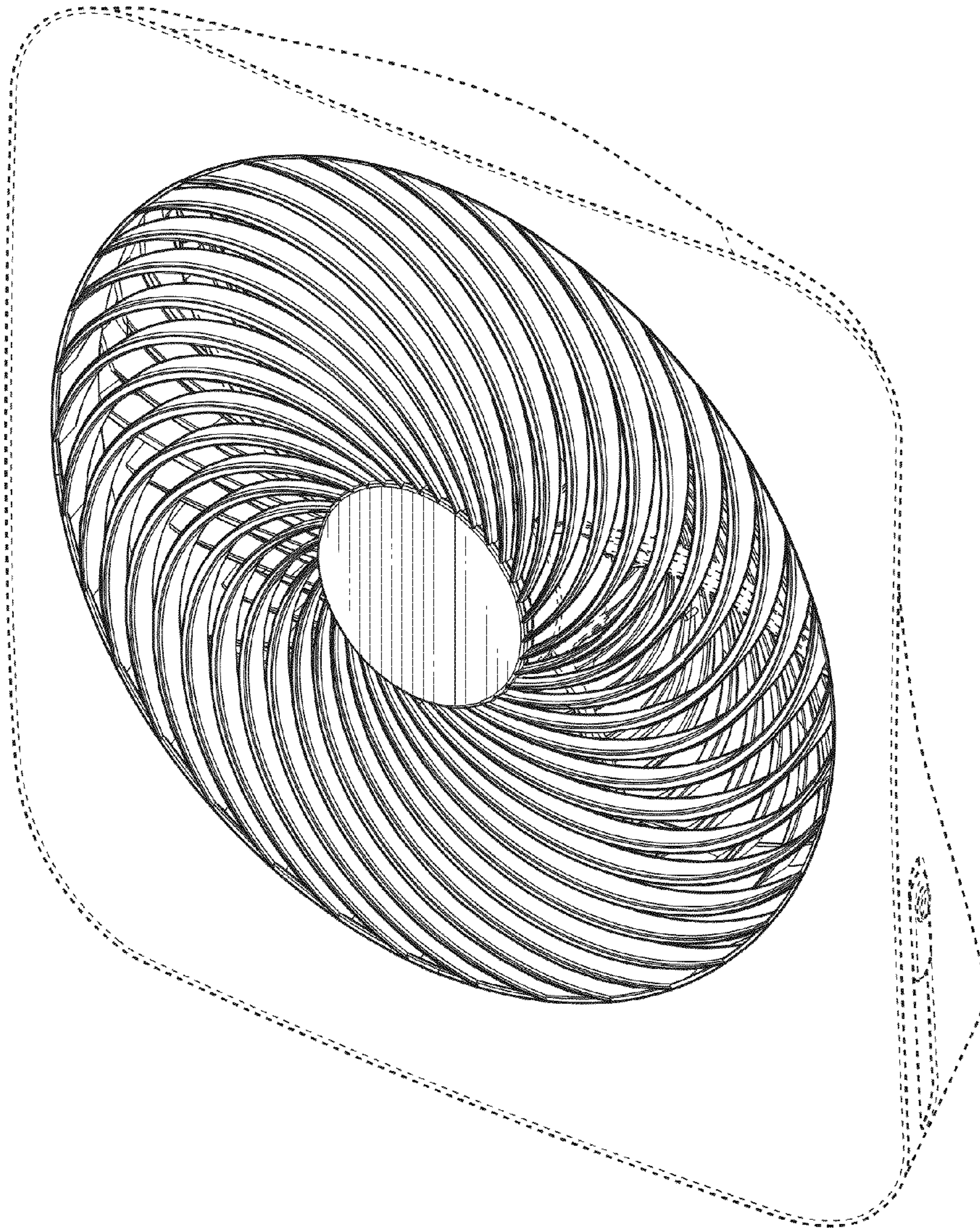


FIG. 1

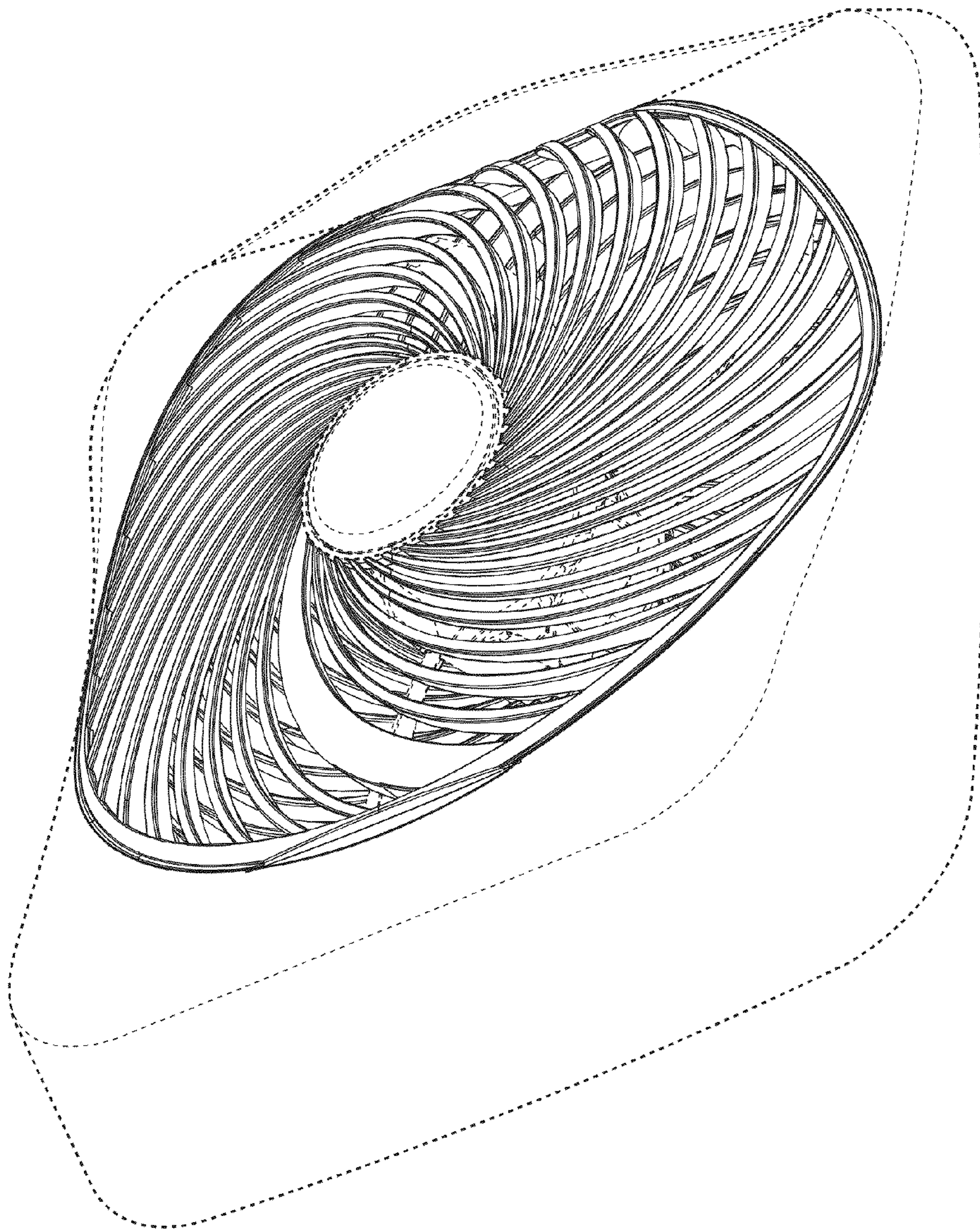
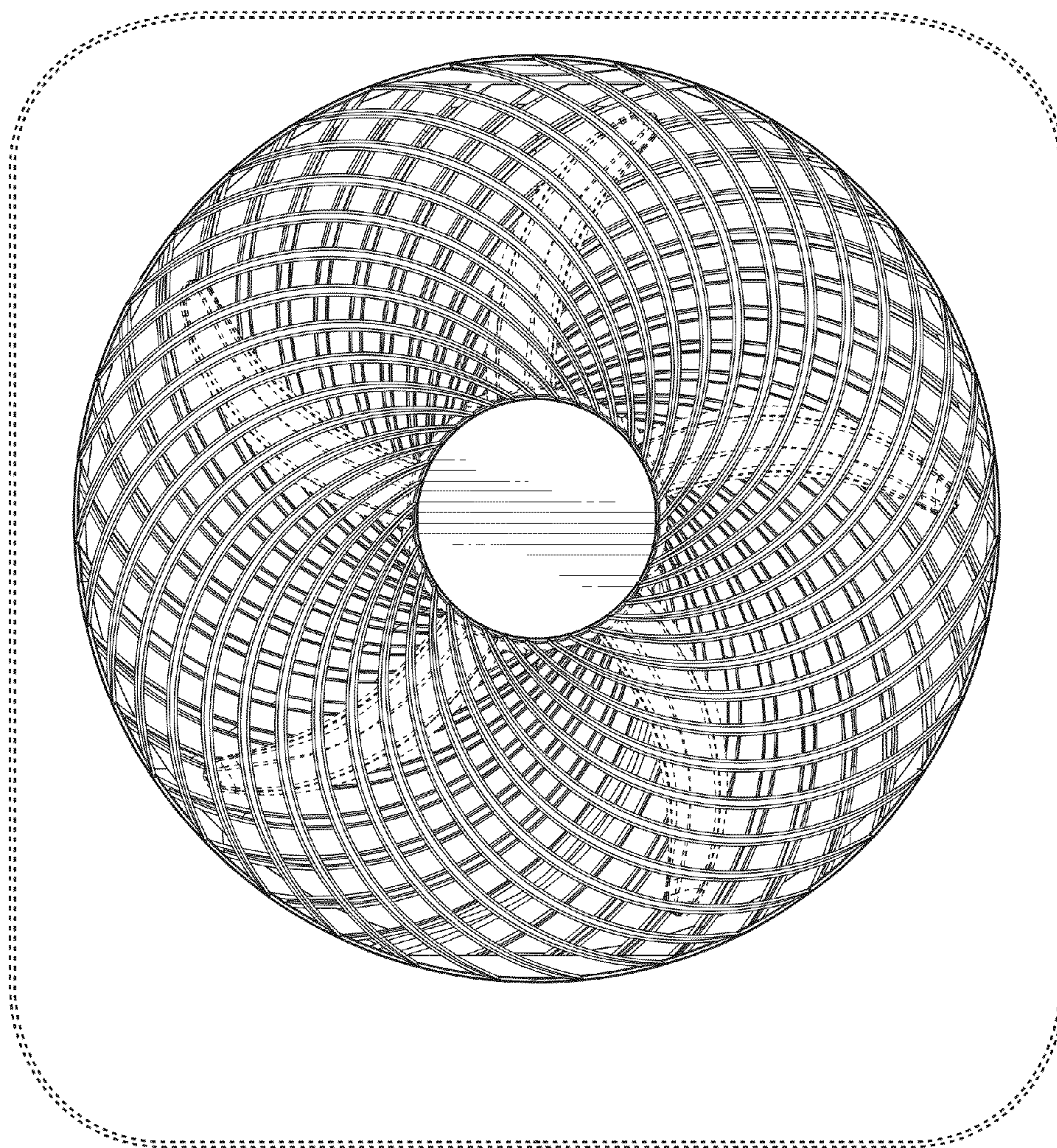
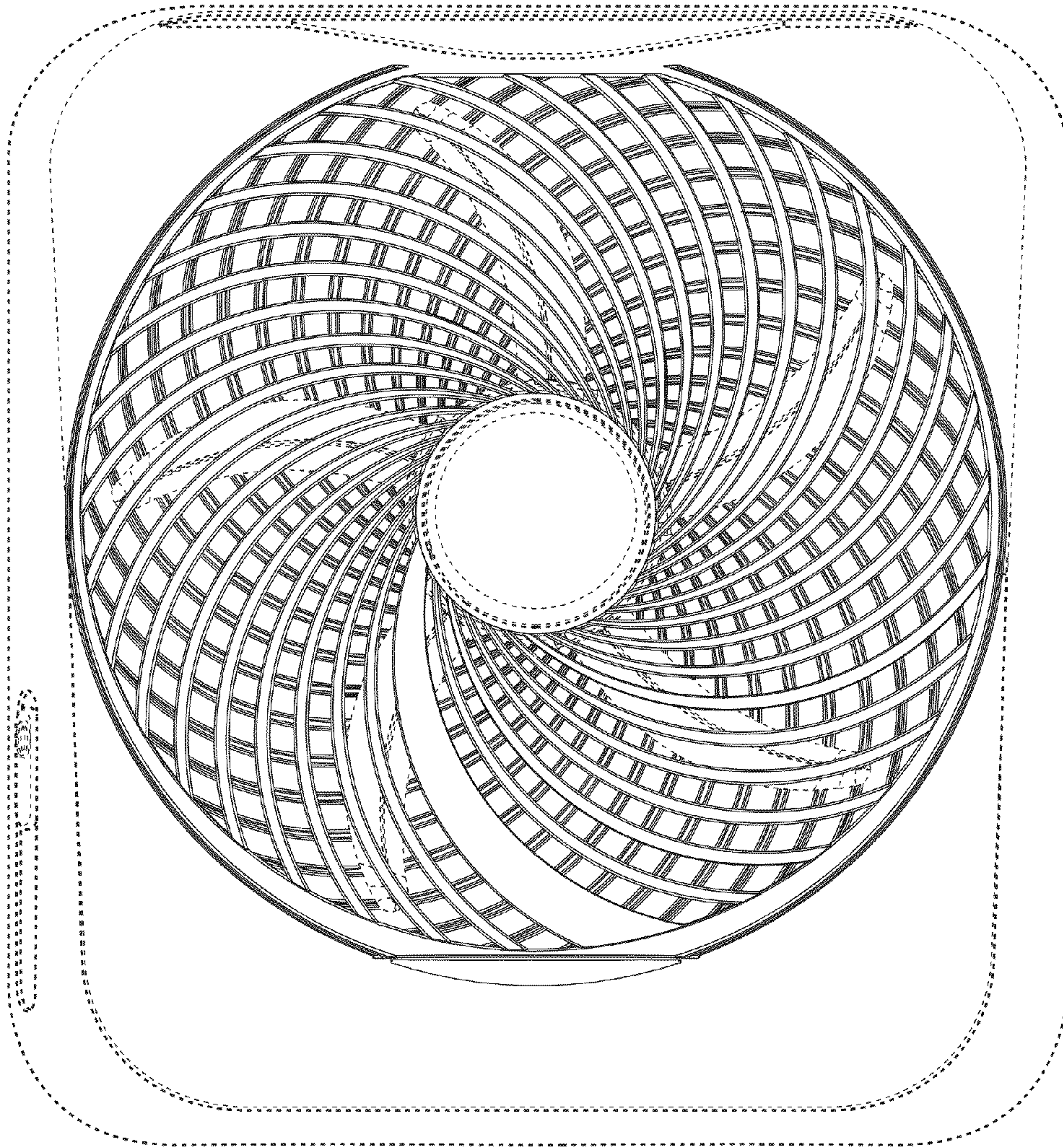


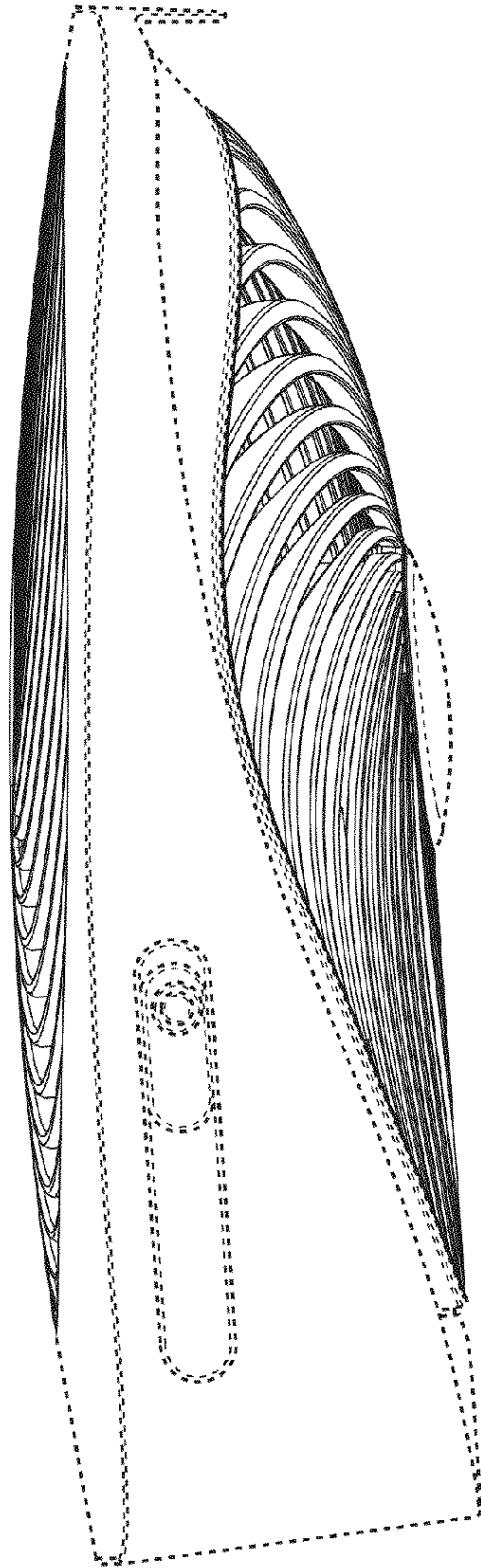
FIG. 2



**FIG. 3**



**FIG. 4**



**FIG. 5**

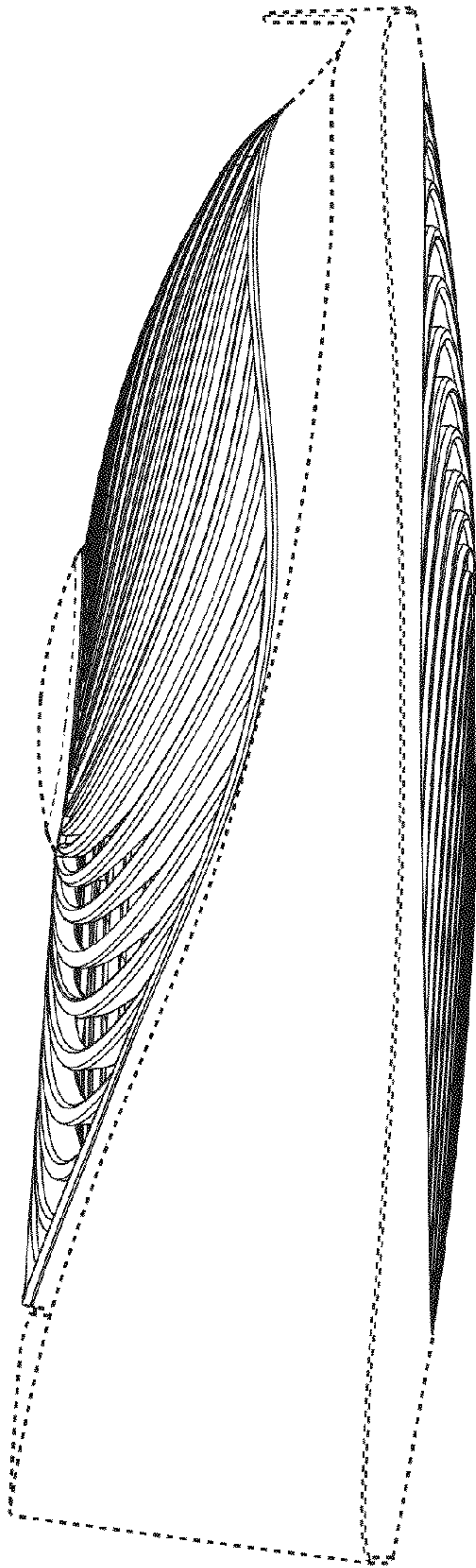


FIG. 6

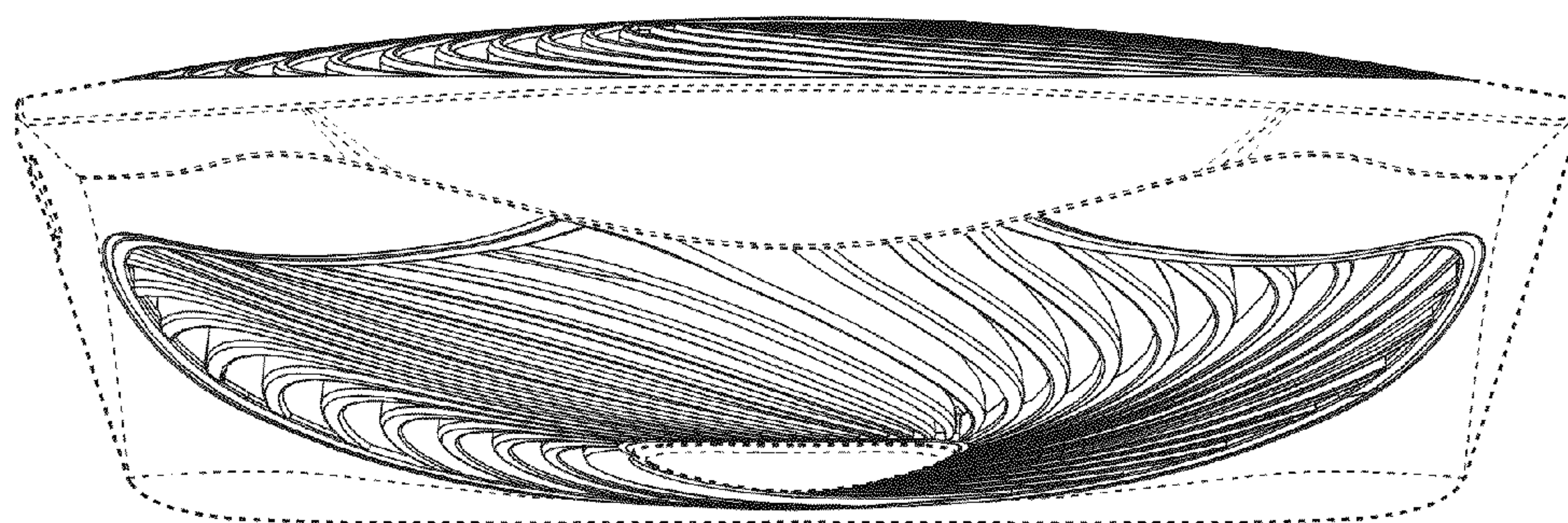


FIG. 7

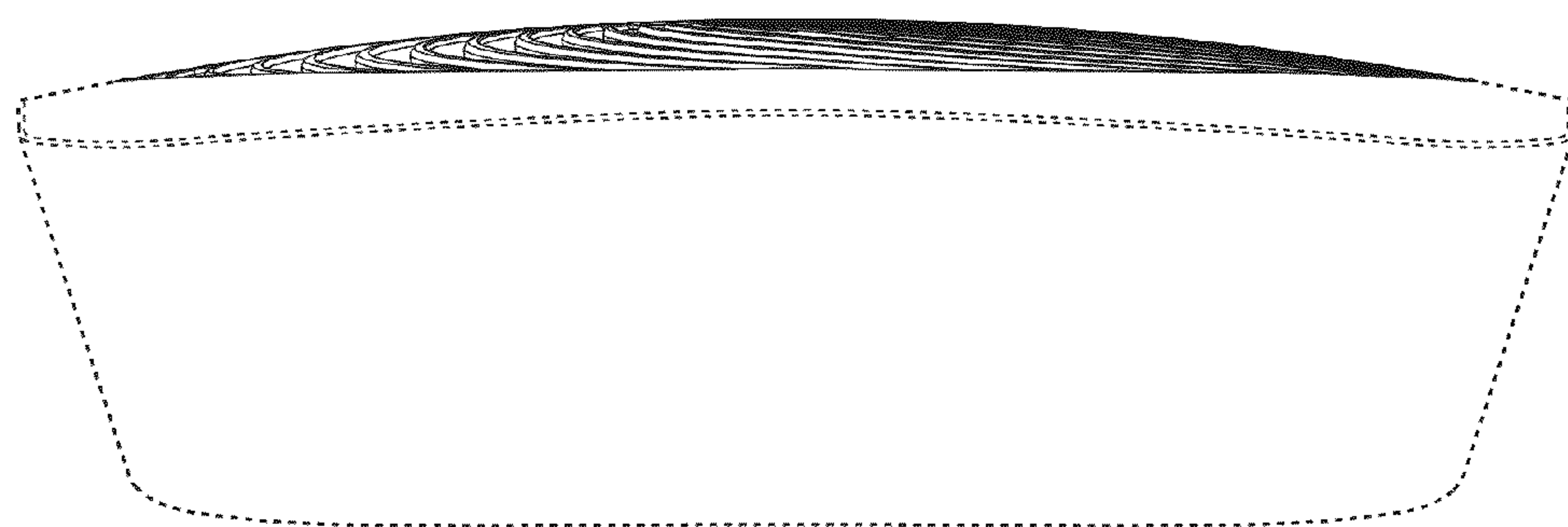


FIG. 8