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(12) **United States Design Patent** (10) **Patent No.:** **US D857,067 S**  
**Hayakawa et al.** (45) **Date of Patent:** **\*\* \*Aug. 20, 2019**

(54) **CUTTING INSERT**  
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(73) Assignee: **OSG CORPORATION**, Toyokawa (JP)  
(\*) Notice: This patent is subject to a terminal disclaimer.  
(\*\*) Term: **15 Years**

D640,716 S *	6/2011	Takahashi	.....	D15/139
D649,987 S *	12/2011	Dunnahoe	.....	D15/139
D710,409 S *	8/2014	Morrison	.....	D15/139
D738,411 S *	9/2015	Kim	.....	D15/139
D760,308 S *	6/2016	Krishnegowda	.....	D15/139
RE46,197 E *	11/2016	Takahashi	.....	D15/139
D781,937 S *	3/2017	Svedensten	.....	D15/123
D781,938 S *	3/2017	Svedensten	.....	D15/123
D815,164 S *	4/2018	Schleicher	.....	D15/139
D821,460 S *	6/2018	Kojo	.....	D15/139
D832,319 S *	10/2018	Muthuswamy	.....	D15/139
2007/0297865 A1 *	12/2007	Hessman	.....	B23C 5/207 407/114

(Continued)

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(52) **U.S. Cl.**  
USPC ..... **D15/139**  
(58) **Field of Classification Search**  
USPC .... D7/365, 368, 381, 672, 673, 693; D8/70, D8/71; D15/138-140  
CPC ..... B23B 51/048; B23C 5/2213; Y10T 40/23; Y10T 40/235; Y10T 40/245  
See application file for complete search history.

**FOREIGN PATENT DOCUMENTS**

EP 3059037 A1 \* 8/2016  
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*Assistant Examiner* — Fritzgerald L Butac  
(74) *Attorney, Agent, or Firm* — Oliff PLC

(57) **CLAIM**

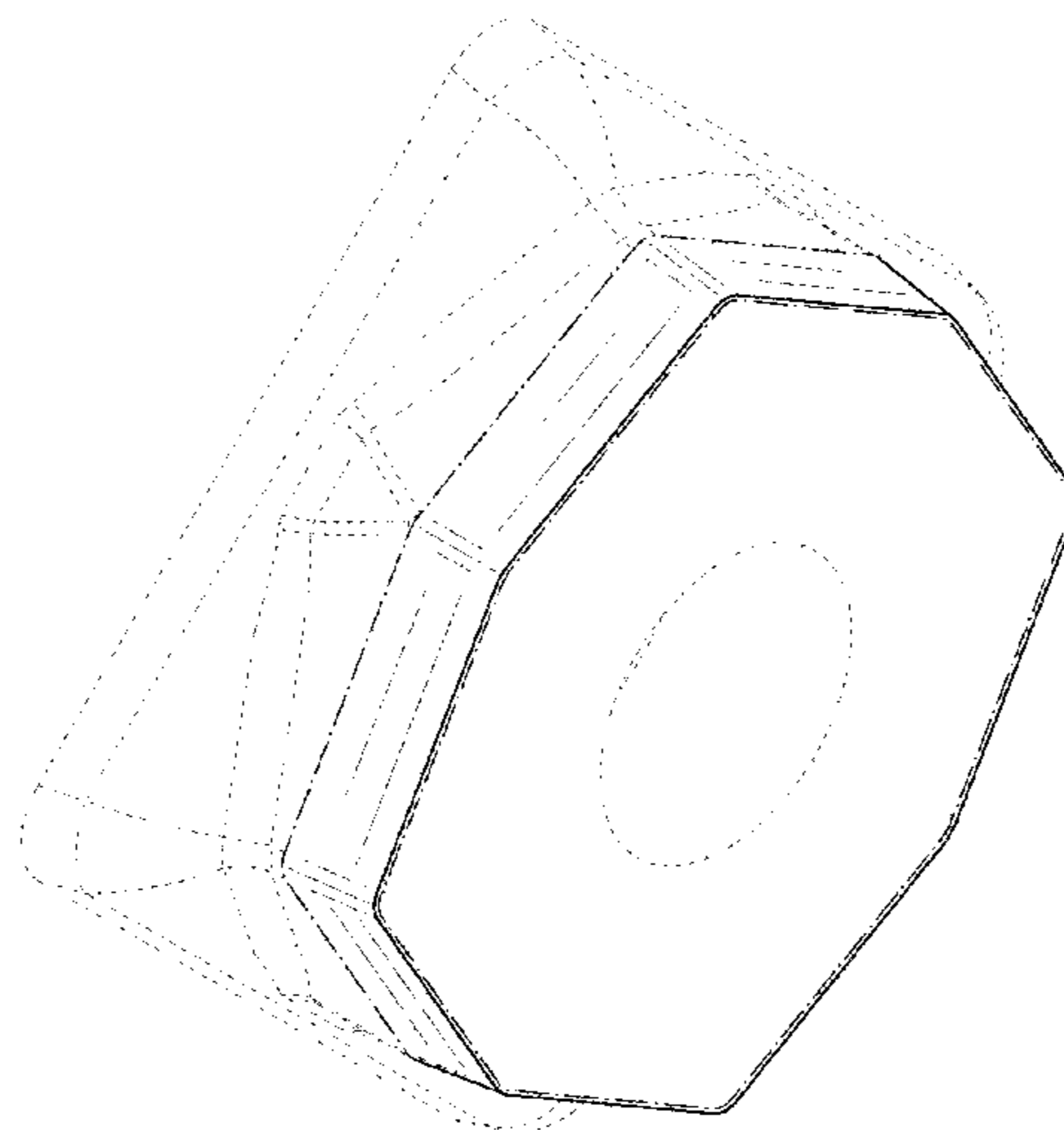
The ornamental design for a cutting insert, as shown and described.

**DESCRIPTION**

FIG. 1 is a top, right-side, front perspective view of the cutting insert;  
FIG. 2 is a front elevational view thereof;  
FIG. 3 is a top plan view thereof, the bottom plan view (not provided), right-side elevational view (not provided), and left-side elevational view (not provided) being identical thereto; and,  
FIG. 4 is a cross-sectional view thereof taken along line 4-4 in FIG. 2.  
The “dot-dash” broken lines show the bounds of the claimed design and form no part thereof. The broken lines show portions of a cutting insert that form no part of the claimed design.

(56) **References Cited**  
**U.S. PATENT DOCUMENTS**  
D355,661 S \* 2/1995 Hessman ..... D15/139  
D381,026 S \* 7/1997 Hessman ..... D15/139  
D390,854 S \* 2/1998 Satran ..... D15/139  
5,827,016 A \* 10/1998 Strand ..... B23C 5/202  
407/115  
D460,768 S \* 7/2002 Svensson ..... D15/139  
D482,706 S \* 11/2003 Svensson ..... D15/139

**1 Claim, 4 Drawing Sheets**



(56)

**References Cited**

U.S. PATENT DOCUMENTS

2014/0161545 A1\* 6/2014 Inagaki ..... B23B 27/1603  
407/42  
2015/0190869 A1\* 7/2015 Roman ..... B23C 5/207  
407/42  
2018/0200808 A1\* 7/2018 Lee ..... B23C 5/207  
2018/0243844 A1\* 8/2018 Viklund ..... B23C 5/06

\* cited by examiner

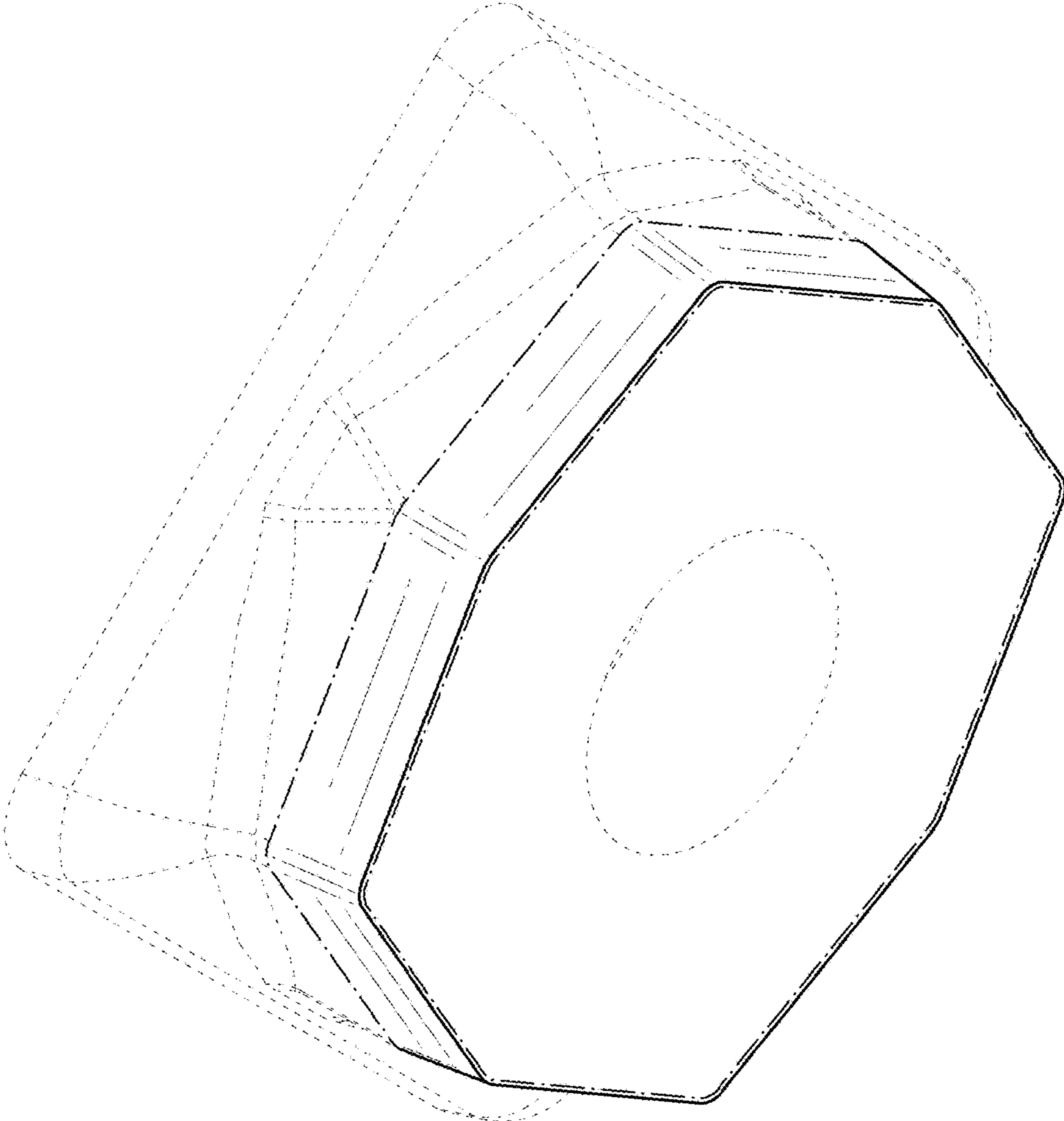


FIG. 1

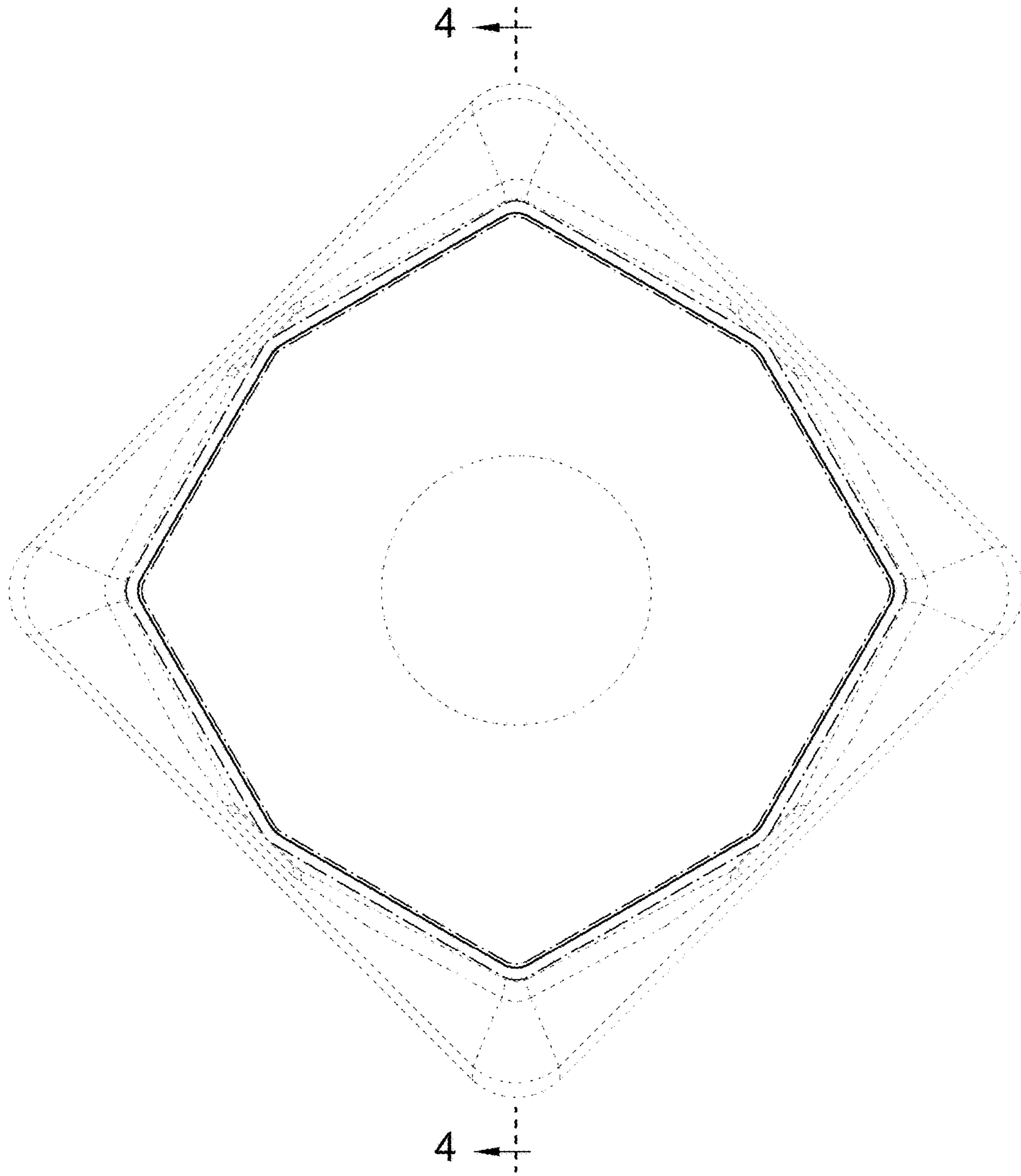


FIG. 2

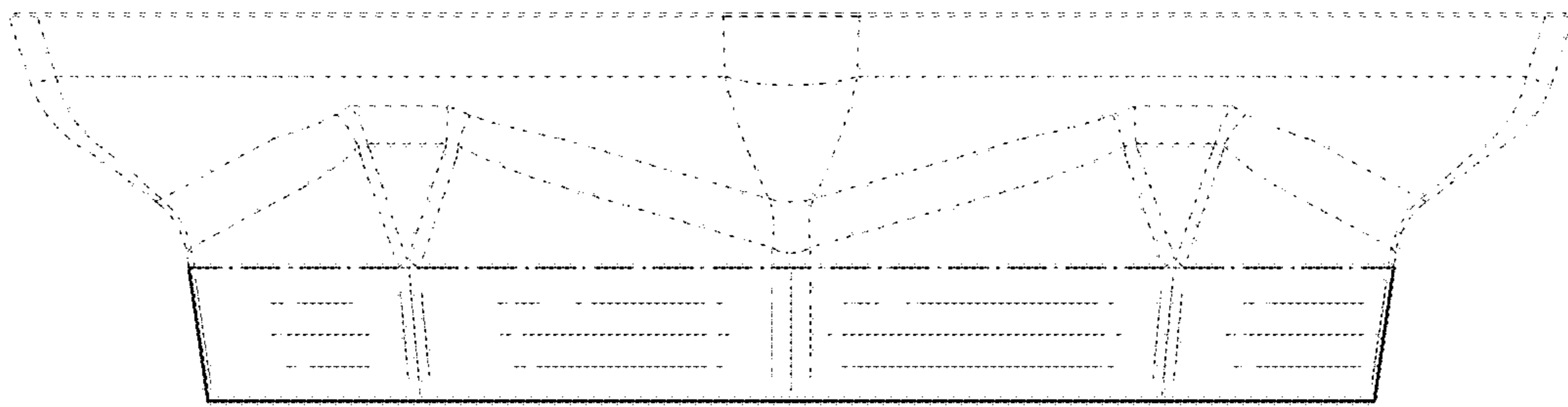


FIG. 3

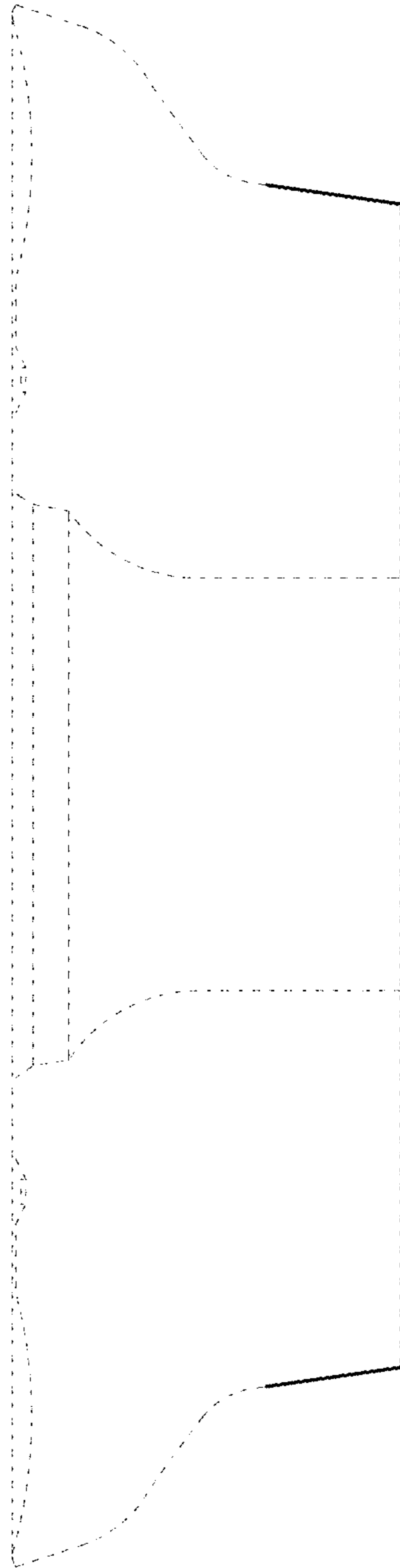


FIG. 4