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(12) **United States Design Patent** (10) **Patent No.:** **US D960,945 S**  
**Endoh et al.** (45) **Date of Patent:** **\*\* Aug. 16, 2022**

(54) **CUTTING INSERT**

(71) Applicant: **OSG CORPORATION**, Toyokawa (JP)

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(73) Assignee: **OSG CORPORATION**, Toyokawa (JP)

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

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**Related U.S. Application Data**

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(51) **LOC (13) Cl.** ..... **15-09**

(52) **U.S. Cl.**  
USPC ..... **D15/139**

(58) **Field of Classification Search**

USPC ..... D15/124, 138, 139; D8/70, 90, 98  
CPC ..... B23C 2200/0411; B23C 2200/0416; B23C 2200/0433; B23C 2200/164; B23C 2200/361

See application file for complete search history.

(56) **References Cited**

**U.S. PATENT DOCUMENTS**

D278,716 S \* 5/1985 Pano ..... D15/139  
D426,561 S \* 6/2000 Brosnahan ..... D15/139  
D426,562 S \* 6/2000 Kasperik ..... D15/139  
D426,839 S \* 6/2000 Morrison ..... D15/139  
D427,215 S \* 6/2000 Nelson ..... D15/139  
D631,493 S \* 1/2011 Tanaka ..... D15/139  
D633,535 S \* 3/2011 Tanaka ..... D15/139  
D692,036 S \* 10/2013 Schleicher ..... D15/139  
D700,225 S \* 2/2014 Waggle ..... D15/139  
D700,640 S \* 3/2014 Choi ..... D15/139

D736,841 S \* 8/2015 Jung ..... D15/139  
D748,703 S \* 2/2016 Nam ..... D15/139  
D772,319 S \* 11/2016 Nam ..... D15/139  
D805,116 S \* 12/2017 Fukuyama ..... D15/139  
D805,566 S \* 12/2017 Oh ..... B25C 5/06

D807,935 S \* 1/2018 Dudzinsky ..... B23C 5/2213  
D812,116 S \* 3/2018 Choi ..... D15/139

(Continued)

**FOREIGN PATENT DOCUMENTS**

WO WO-2007057113 A1 \* 5/2007 ..... B23C 5/202

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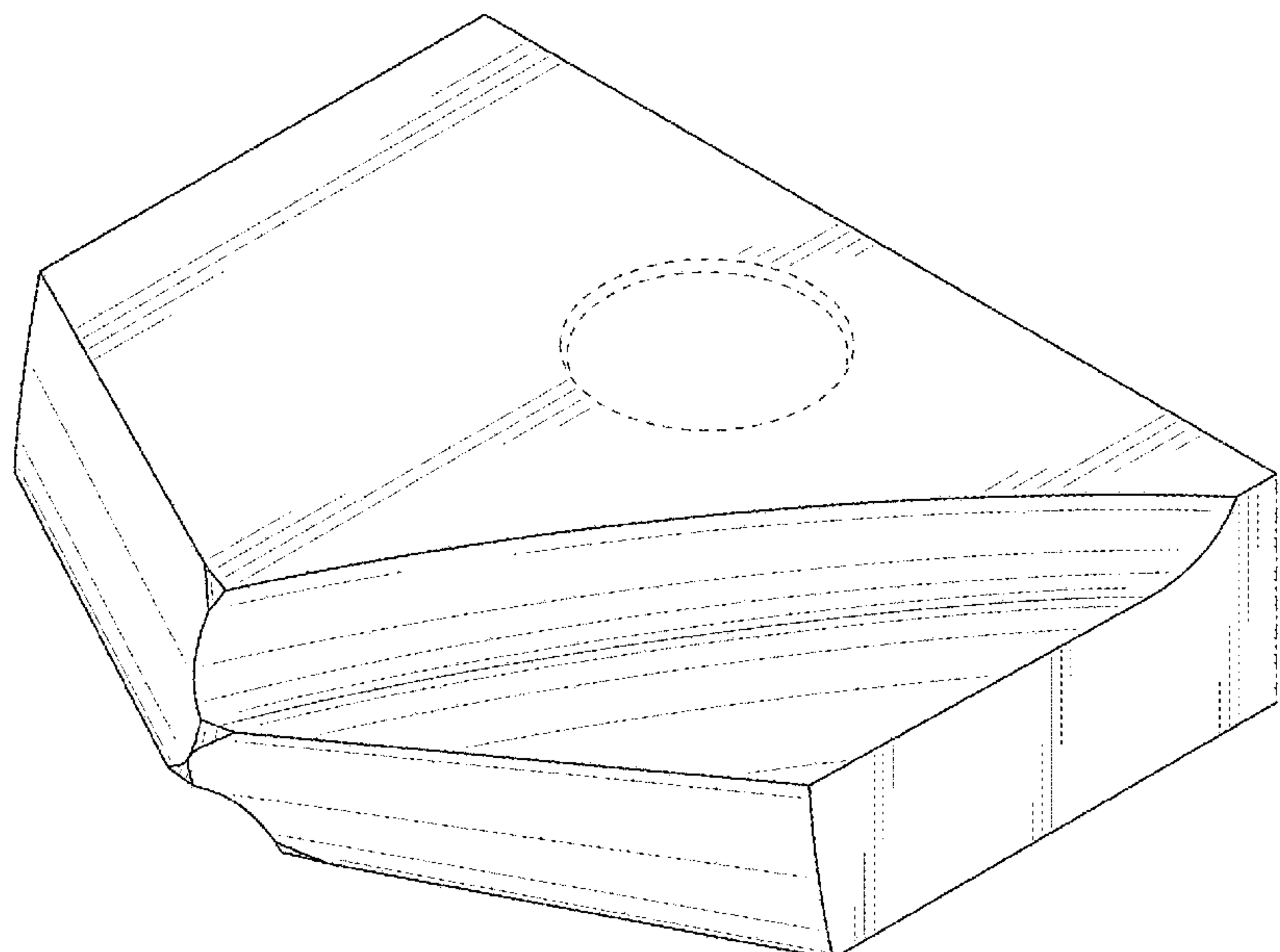
(57) **CLAIM**

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

**DESCRIPTION**

FIG. 1 is a front, right-side, bottom perspective view of a cutting insert, showing the new design;  
FIG. 2 is a front elevational view thereof;  
FIG. 3 is a rear elevational view thereof;  
FIG. 4 is a right-side elevational view thereof;  
FIG. 5 is a left-side elevational view thereof;  
FIG. 6 is a top plan view thereof;  
FIG. 7 is a bottom plan view thereof; and,  
FIG. 8 is a cross-sectional view along line 8-8 in FIG. 2.  
The broken lines depict parts of the cutting insert that form no part of the claimed design. The dot-dash chain lines depict boundaries of the claimed subject matter and form no part of the claimed design. The dot-dot-dash chain lines depict enlargement areas and cross-section lines, and thus form no part of the claimed design.

**1 Claim, 6 Drawing Sheets**





## References Cited

|          |   |   |         |                  |             |
|----------|---|---|---------|------------------|-------------|
| D815,164 | S | * | 4/2018  | Schleicher ..... | D15/139     |
| D832,319 | S | * | 10/2018 | Muthuswamy ..... | D15/139     |
| D835,167 | S | * | 12/2018 | Sakai .....      | D15/139     |
| D845,361 | S | * | 4/2019  | Komiyama .....   | B23C 5/202  |
|          |   |   |         |                  | D15/139     |
| D847,883 | S | * | 5/2019  | Kobayashi .....  | D15/139     |
| D847,884 | S | * | 5/2019  | Hayakawa .....   | D15/139     |
| D857,067 | S | * | 8/2019  | Hayakawa .....   | D15/139     |
| D857,068 | S | * | 8/2019  | Hayakawa .....   | D15/139     |
| D884,039 | S | * | 5/2020  | Endoh .....      | D15/139     |
| D884,040 | S | * | 5/2020  | Endoh .....      | D15/139     |
| D884,041 | S | * | 5/2020  | Endoh .....      | D15/139     |
| D898,085 | S | * | 10/2020 | Kim .....        | B23C 5/202  |
|          |   |   |         |                  | D15/139     |
| D907,670 | S | * | 1/2021  | Nagafuchi .....  | B23B 27/145 |
|          |   |   |         |                  | D15/139     |
| D909,438 | S | * | 2/2021  | Fujii .....      | D15/139     |
| D921,075 | S | * | 6/2021  | Park .....       | D15/139     |
| D922,460 | S | * | 6/2021  | Park .....       | D15/139     |
| D936,713 | S | * | 11/2021 | Endoh .....      | D15/139     |

\* cited by examiner



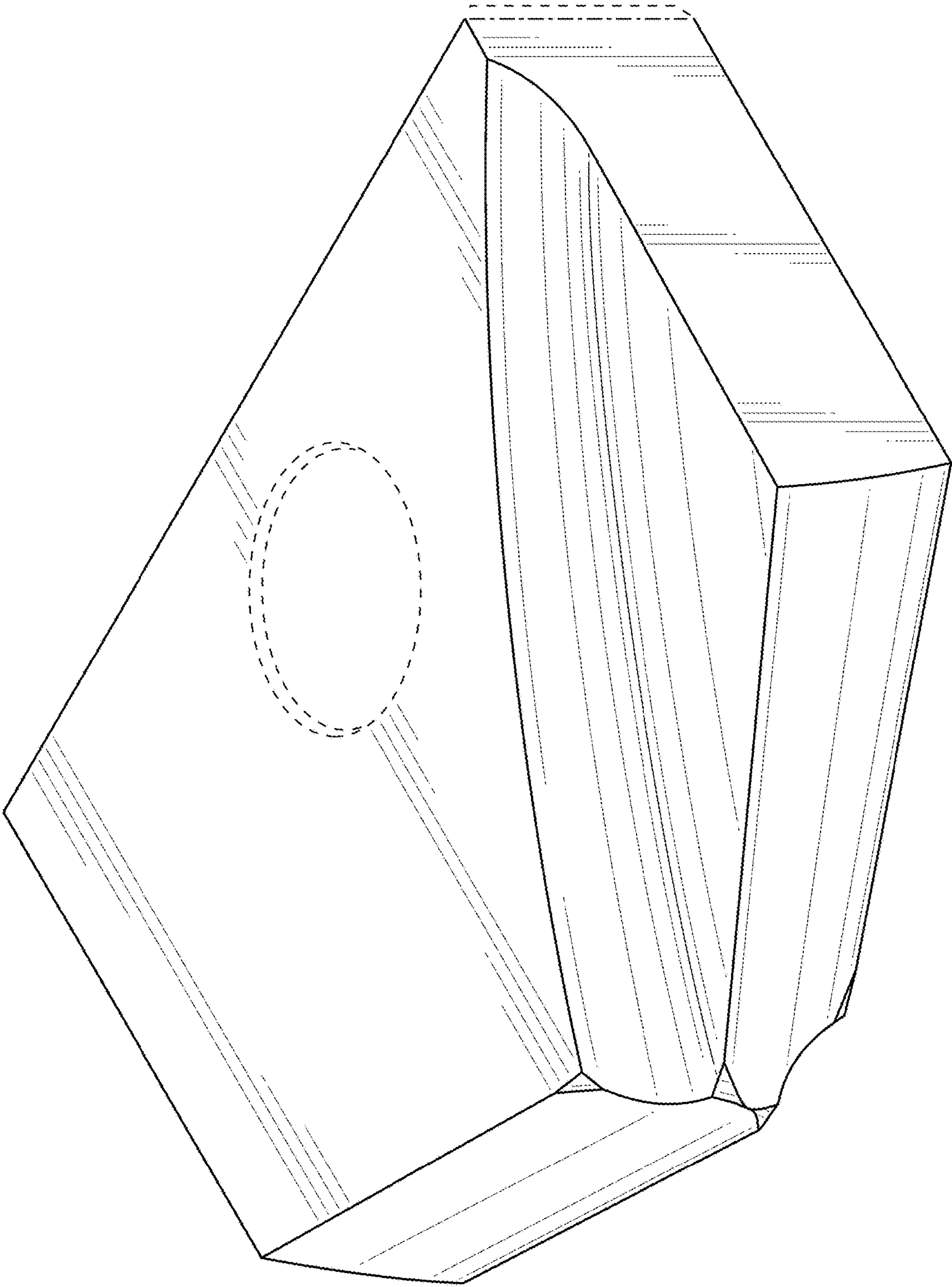


FIG. 1



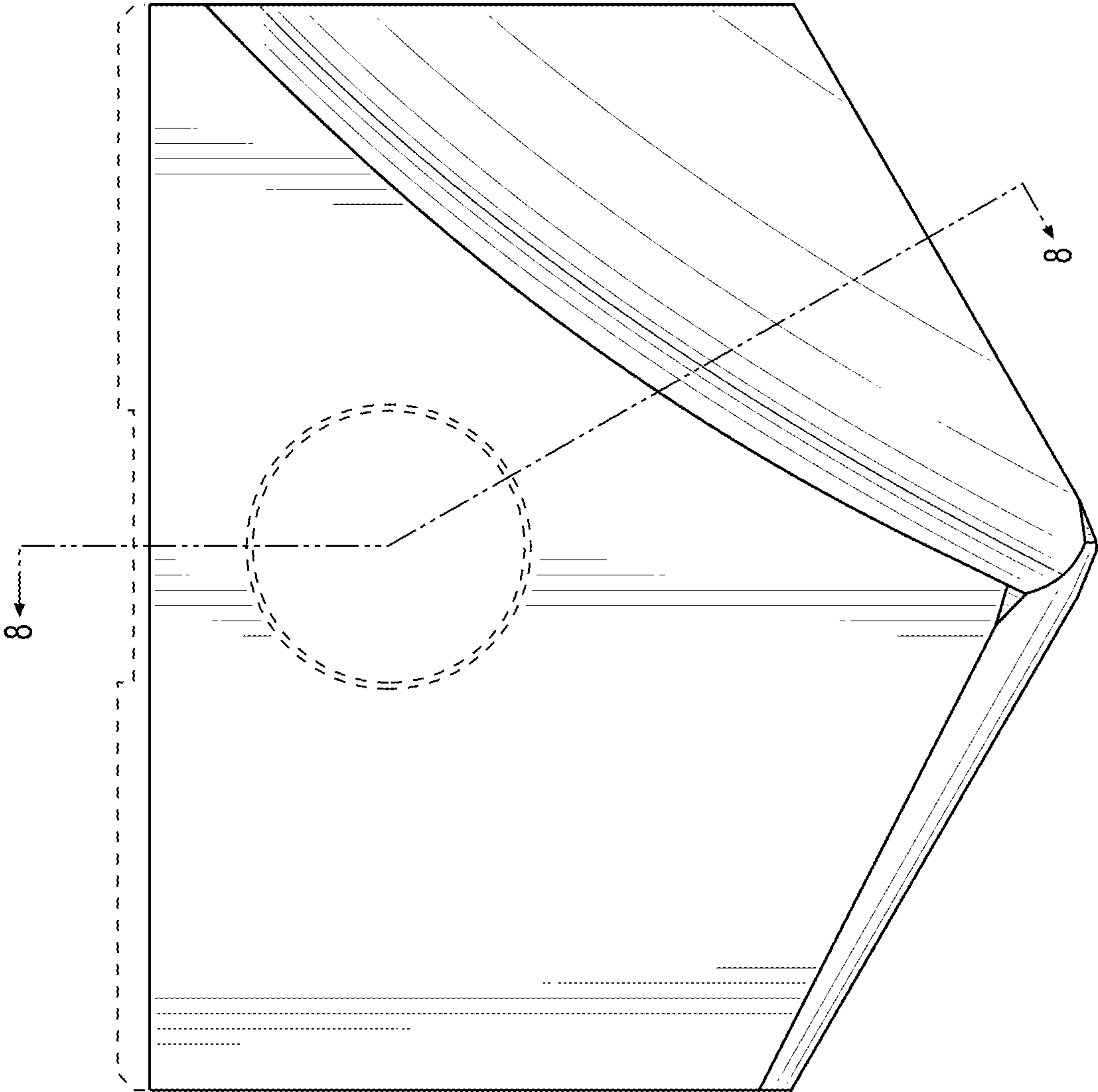


FIG. 2



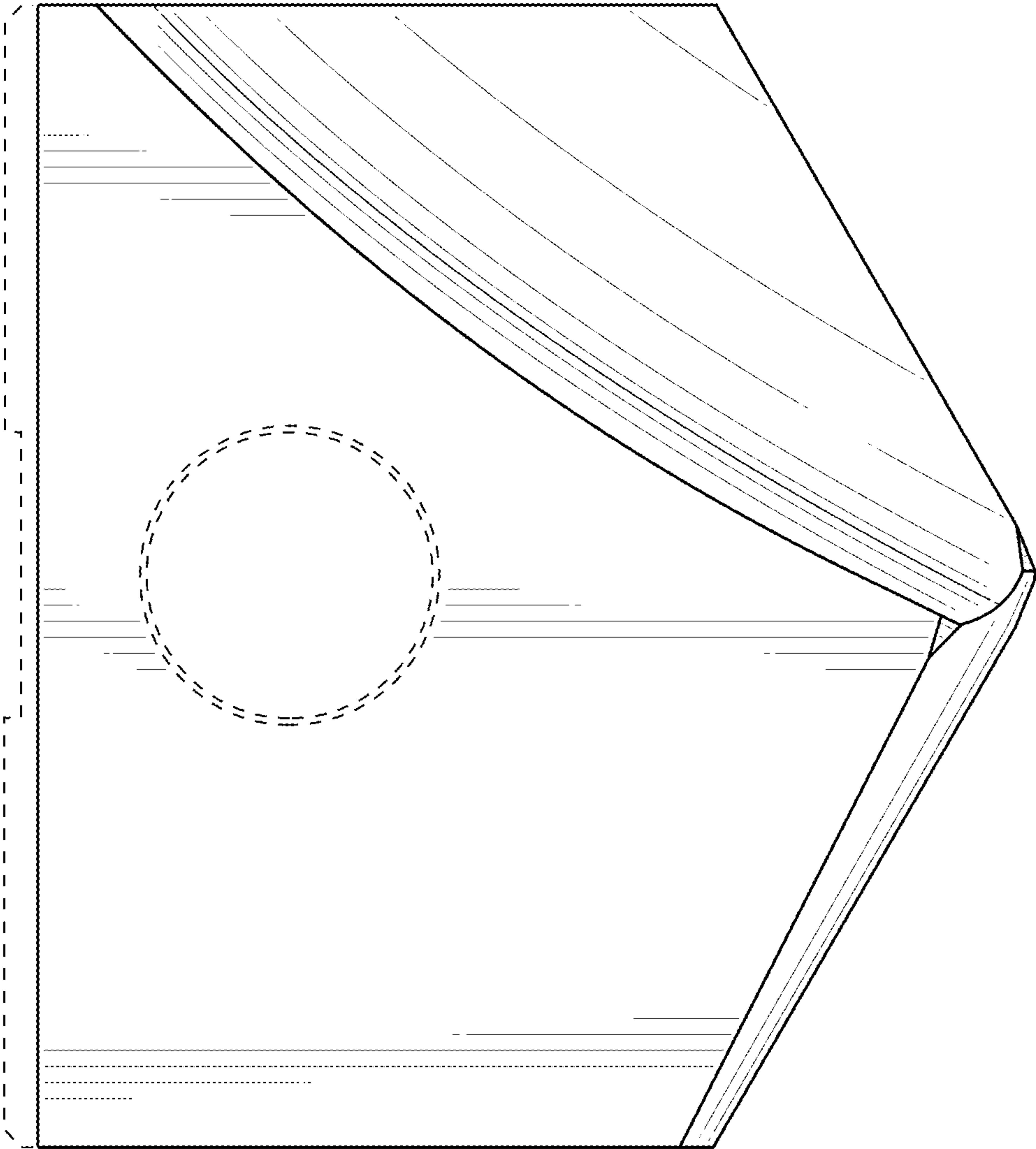


FIG. 3



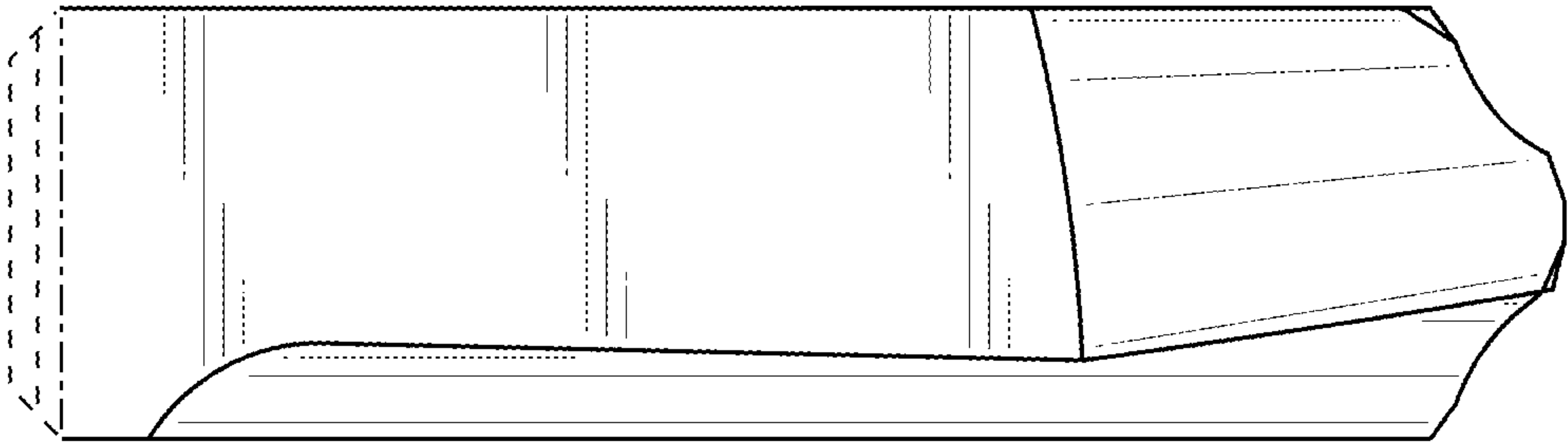


FIG. 5

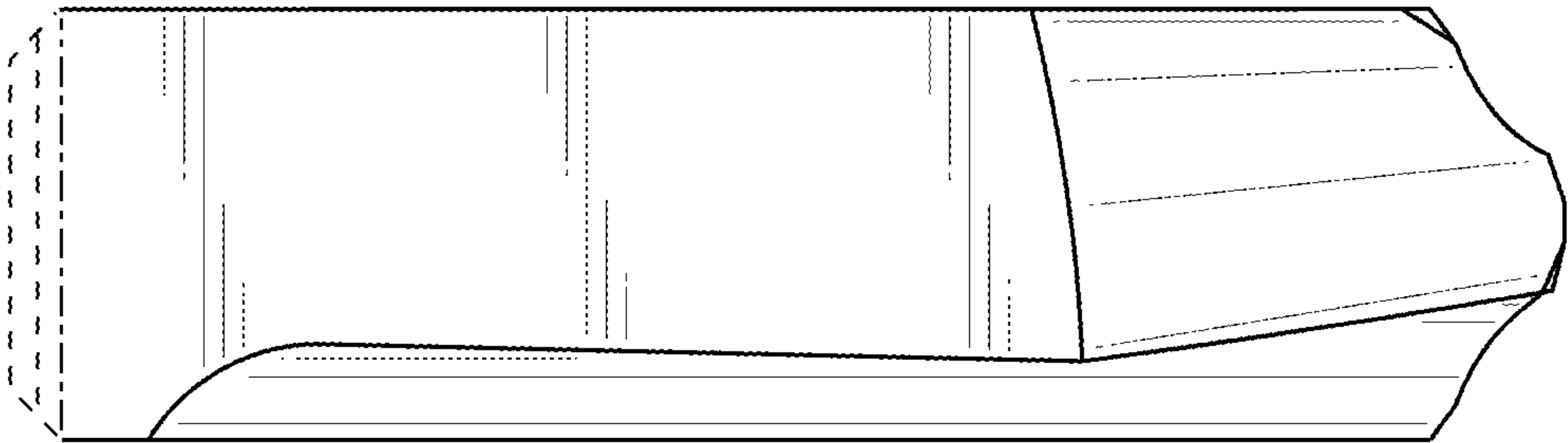


FIG. 4



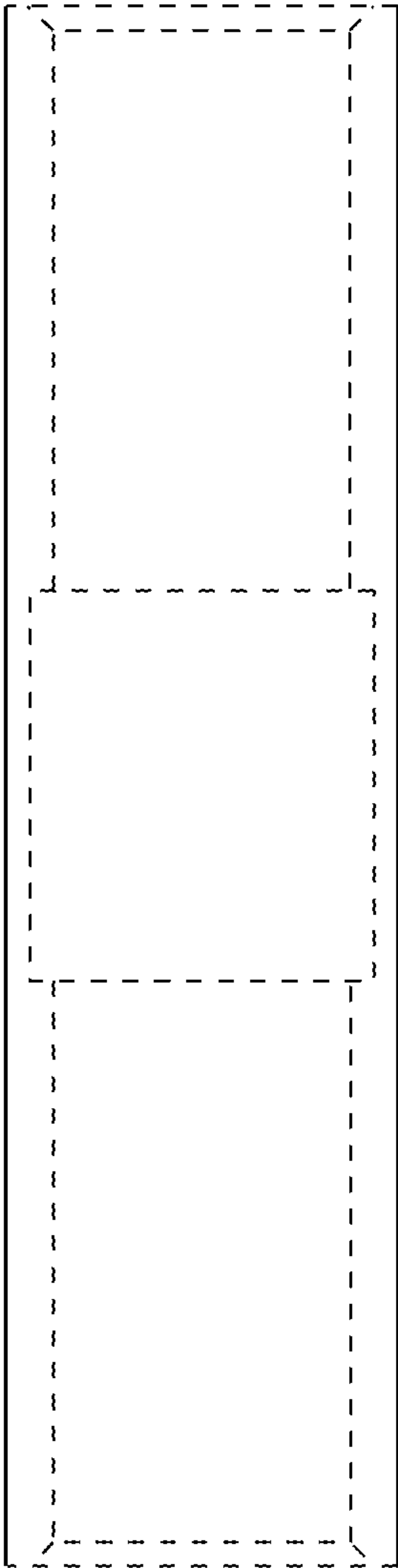


FIG. 6

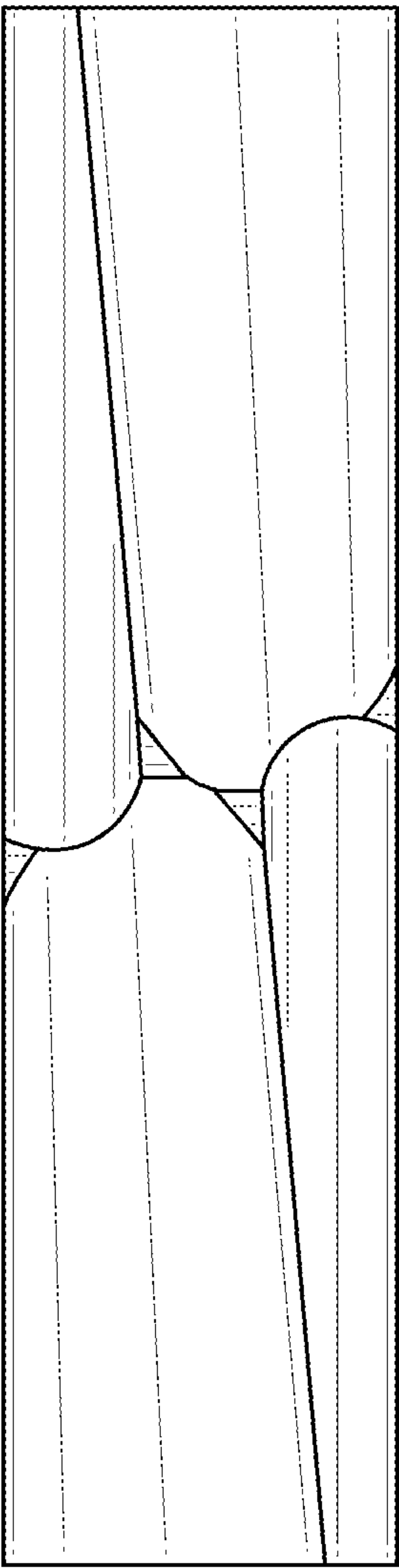


FIG. 7



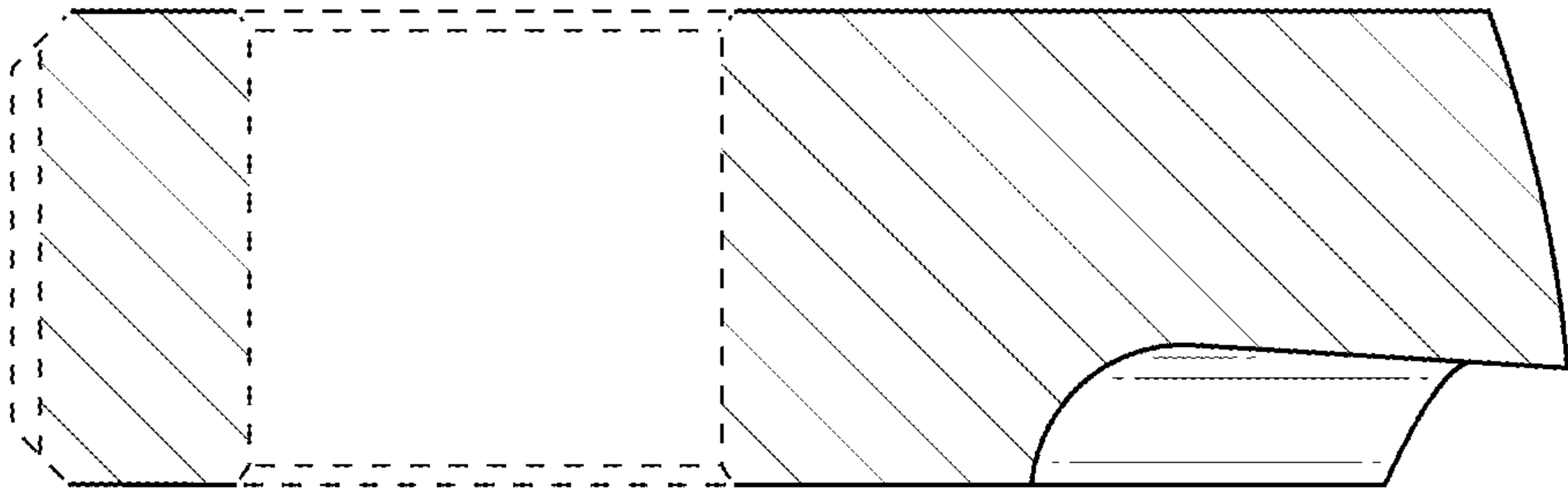


FIG. 8