

US00D848495S

(12) **United States Design Patent** (10) **Patent No.:** **US D848,495 S**
Maeno et al. (45) **Date of Patent:** **** May 14, 2019**

(54) **CUTTING TOOL**

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(73) Assignee: **Sumitomo Electric Hardmetal Corp.**, Itami-shi (JP)

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

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(30) **Foreign Application Priority Data**

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(51) **LOC (11) Cl.** **15-03**

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

(58) **Field of Classification Search**
USPC D15/131, 138, 139, 140; D8/70
CPC B23C 5/207; B23C 5/06; B23C 2200/125;
B23C 5/202; B23C 2200/203; B23C
2200/208; B23C 2210/168; B23C 5/109;
(Continued)

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Primary Examiner — Khawaja Anwar

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Michael A. Sartori

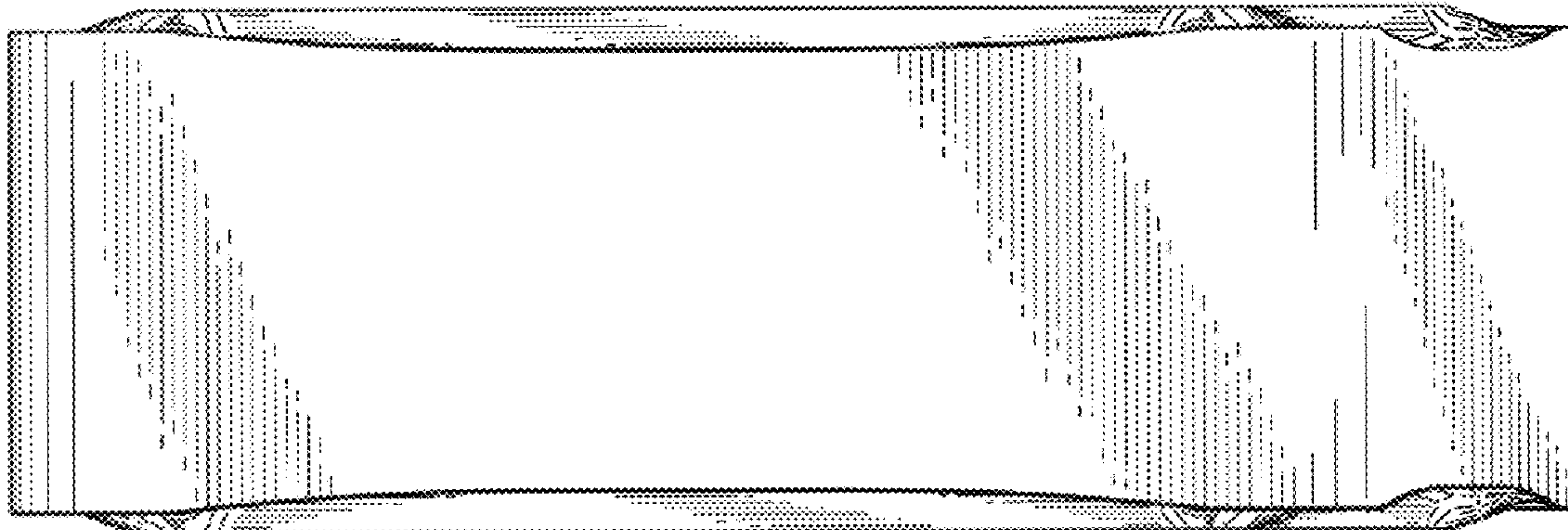
(57) **CLAIM**

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

DESCRIPTION

FIG. 1 is a front view of a cutting tool in accordance with an Embodiment of the present design;
 FIG. 2 is a rear view thereof;
 FIG. 3 is a top view thereof;
 FIG. 4 is a bottom view thereof;
 FIG. 5 is a right side view thereof;
 FIG. 6 is a left side view thereof;
 FIG. 7 is a perspective view thereof;
 FIG. 8 is an enlarged view of 8-8 portion of FIG. 3;
 FIG. 9 is an enlarged perspective view of 8-8 portion of FIG. 3;
 FIG. 10 is an enlarged front view of 8-8 portion of FIG. 3;
 FIG. 11 is an enlarged rear view of 8-8 portion of FIG. 3;
 FIG. 12 is an enlarged left side view of 8-8 portion of FIG. 3;
 FIG. 13 is a cross sectional view taken along line 13-13 of FIG. 3;
 FIG. 14 is a cross sectional view taken along line 14-14 of FIG. 3;
 FIG. 15 is a cross sectional view taken along line 15-15 of FIG. 8;
 FIG. 16 is a cross sectional view taken along line 16-16 of FIG. 8;
 FIG. 17 is a cross sectional view taken along line 17-17 of FIG. 8;
 FIG. 18 is a cross sectional view taken along line 18-18 of FIG. 8;
 FIG. 19 is a cross sectional view taken along line 19-19 of FIG. 8; and,
 FIG. 20 is a referential enlarged perspective view of 8-8 portion of FIG. 3.

1 Claim, 17 Drawing Sheets



(58) **Field of Classification Search**

CPC B23C 2200/128; B23C 2200/205; B23C 2200/367; B23C 5/20; B23C 5/2221; B23C 2200/286; B23C 2200/0461; B23C 2200/0494; B23C 2200/085; B23C 2200/165; B23C 2200/201; B23C 2210/045; B23C 5/10; B23C 2200/0411; B23C 2200/0416; B23C 2200/0455; B23C 2200/123; B23C 2210/0457; B23C 5/006; B23C 5/2247; B23C 5/28; B23C 2200/0422; B23C 2200/0433; B23C 2200/0444; B23C 2200/045; B23C 2200/0477; B23C 2200/0483; B23C 2200/08; B23C 2200/086; B23C 2200/126; B23C 2200/164; B23C 2200/168; B23C 2200/28; B23C 2200/366; B23C 2210/16; B23C 2210/161; B23C 2220/16; B23C 2228/10; B23C 2250/12; B23C 5/08; B23C 5/16; B23C 5/205; B23C 5/2213; B23C 5/2273; B23C 2200/0466; B23C 2200/12; B23C 2200/16; B23C 2200/161; B23C 2200/167; B23C 2200/206; B23C 2200/243; B23C 2200/246; B23C 2200/283; B23C 2200/326; B23C 2200/361; B23C 2200/368; B23C 2210/02; B23C 2210/03; B23C 2210/0414; B23C 2210/0428; B23C 2210/163; B23C 2210/202; B23C 2210/244; B23C 2210/28; B23C 2210/66;

B23C 2220/44; B23C 2220/56; B23C 2220/60; B23C 2222/28; B23C 2222/32; B23C 2224/04; B23C 2224/28; B23C 2224/36; B23C 2226/125; B23C 2226/18; B23C 2228/04; B23C 2240/24; B23C 2240/245; B23C 2240/32; B23C 2250/04; B23C 2260/28; B23C 2265/08; B23C 3/12; B23C 5/003; B23C 5/1027; B23C 5/1045; B23C 5/18; B23C 5/22; B23C 5/2204; B23C 5/2208; B23C 5/2239; B23C 5/2269; B23C 5/2406; B23C 5/241; B23C 5/242; B23C 5/2462; B23C 5/2472
See application file for complete search history.

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FIG.1

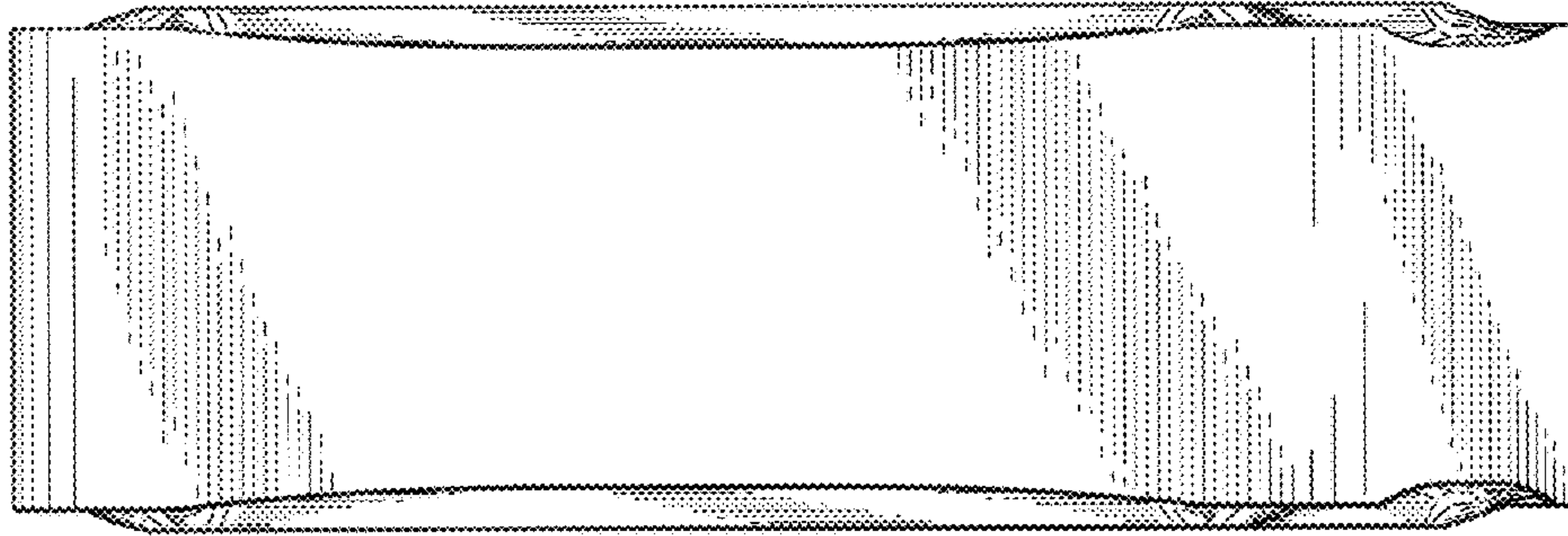


FIG.2

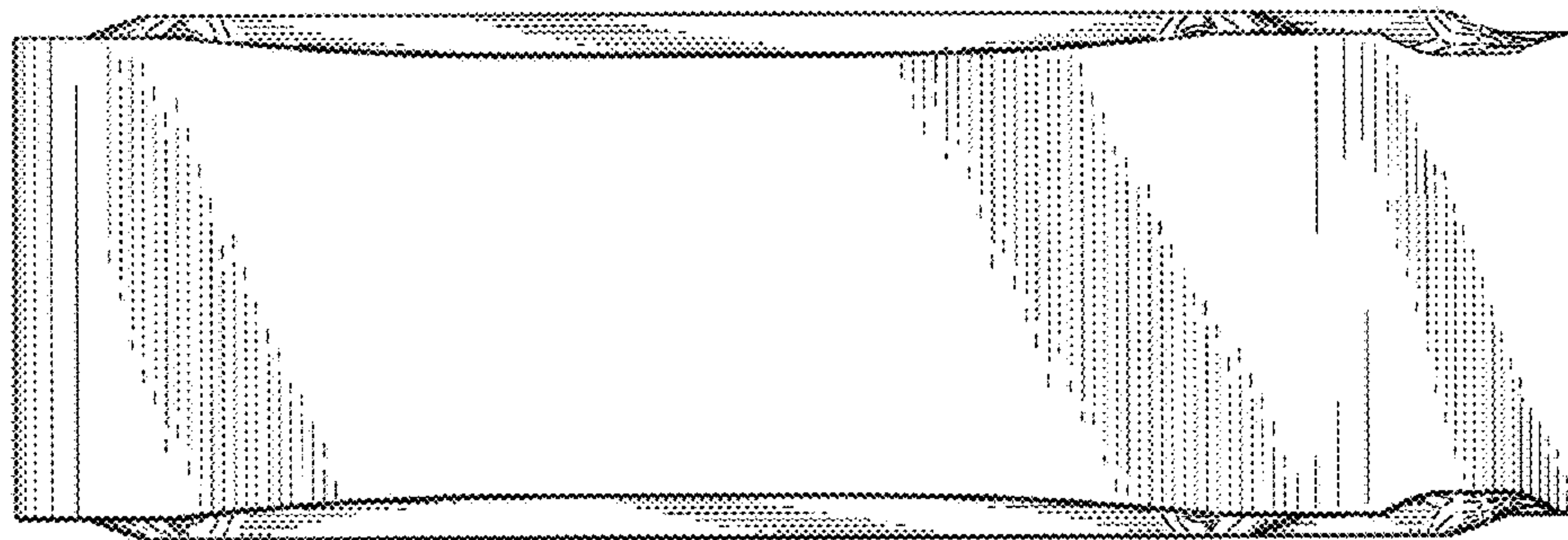


FIG.3

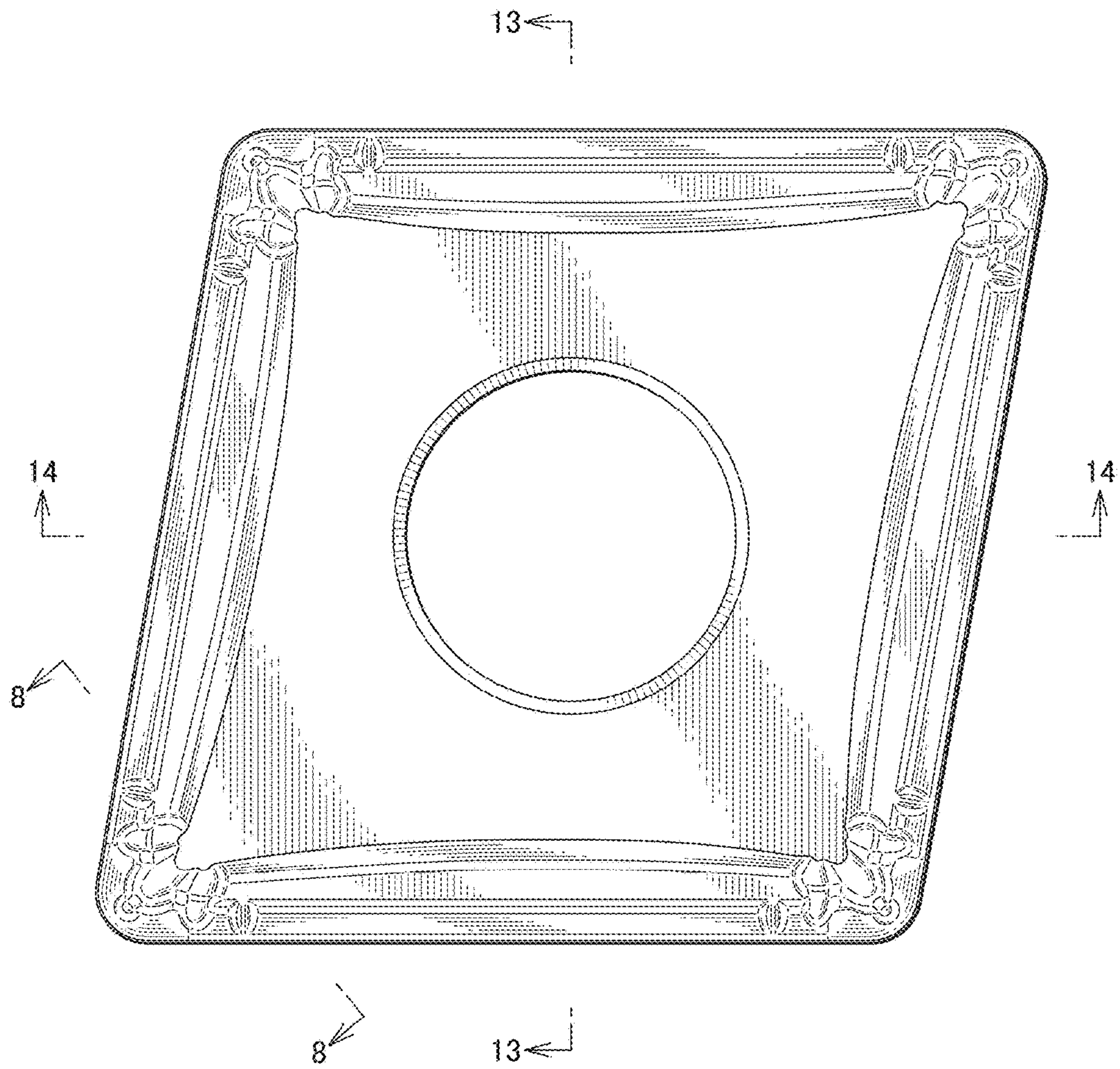


FIG.4

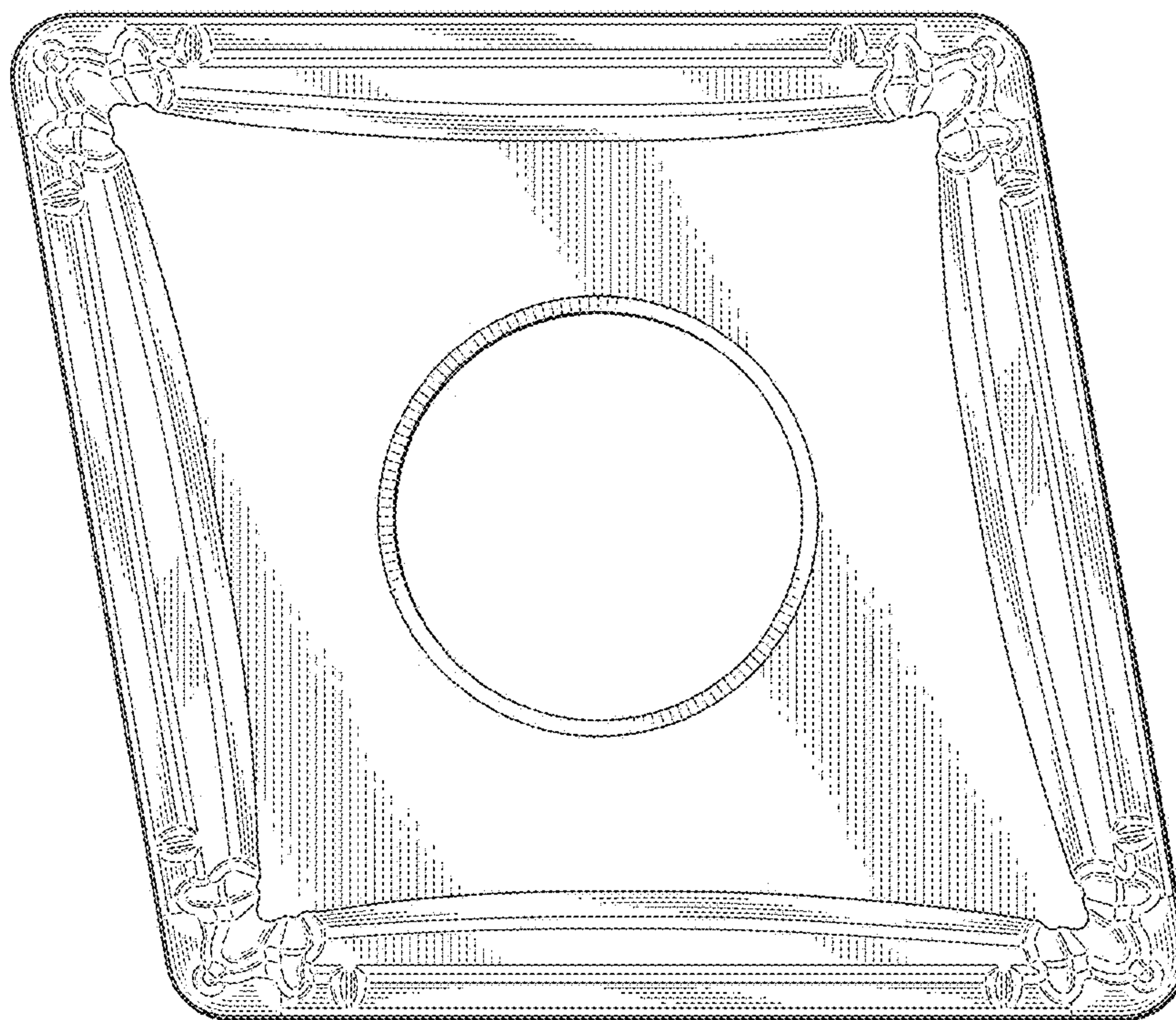


FIG.5

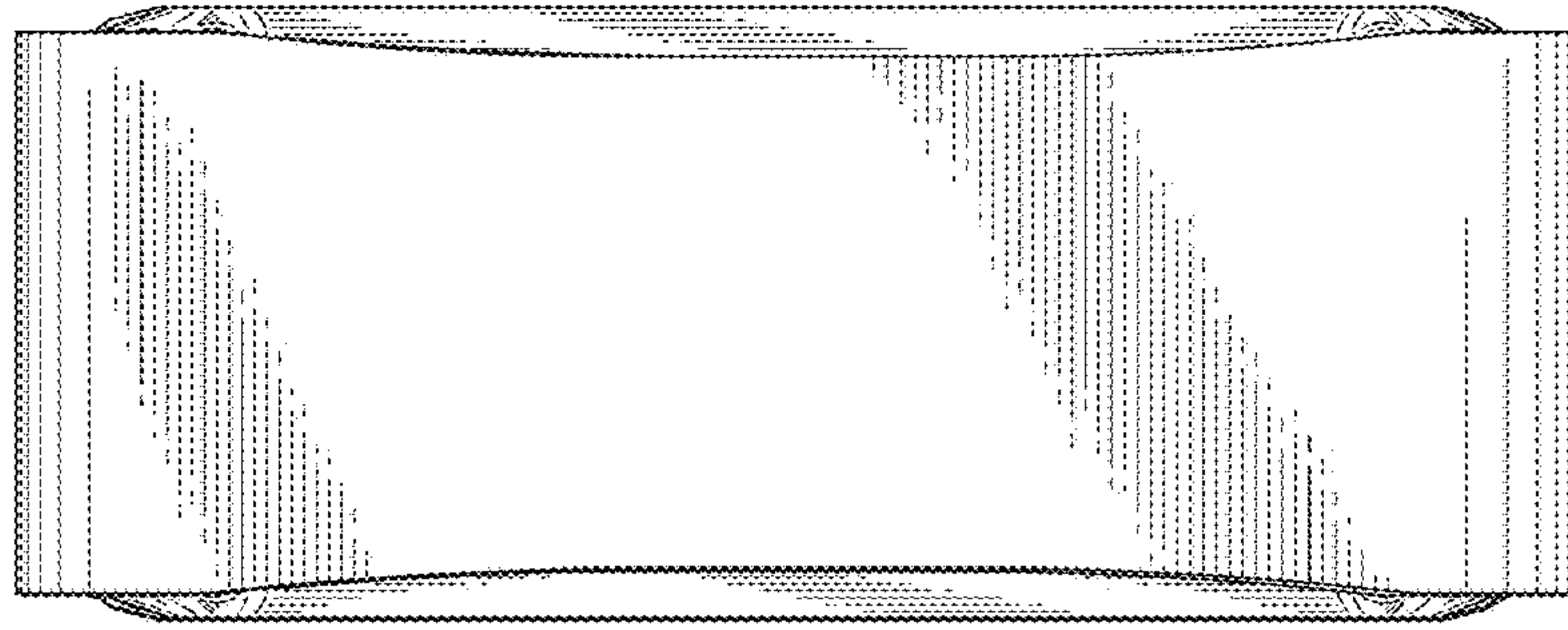


FIG.6

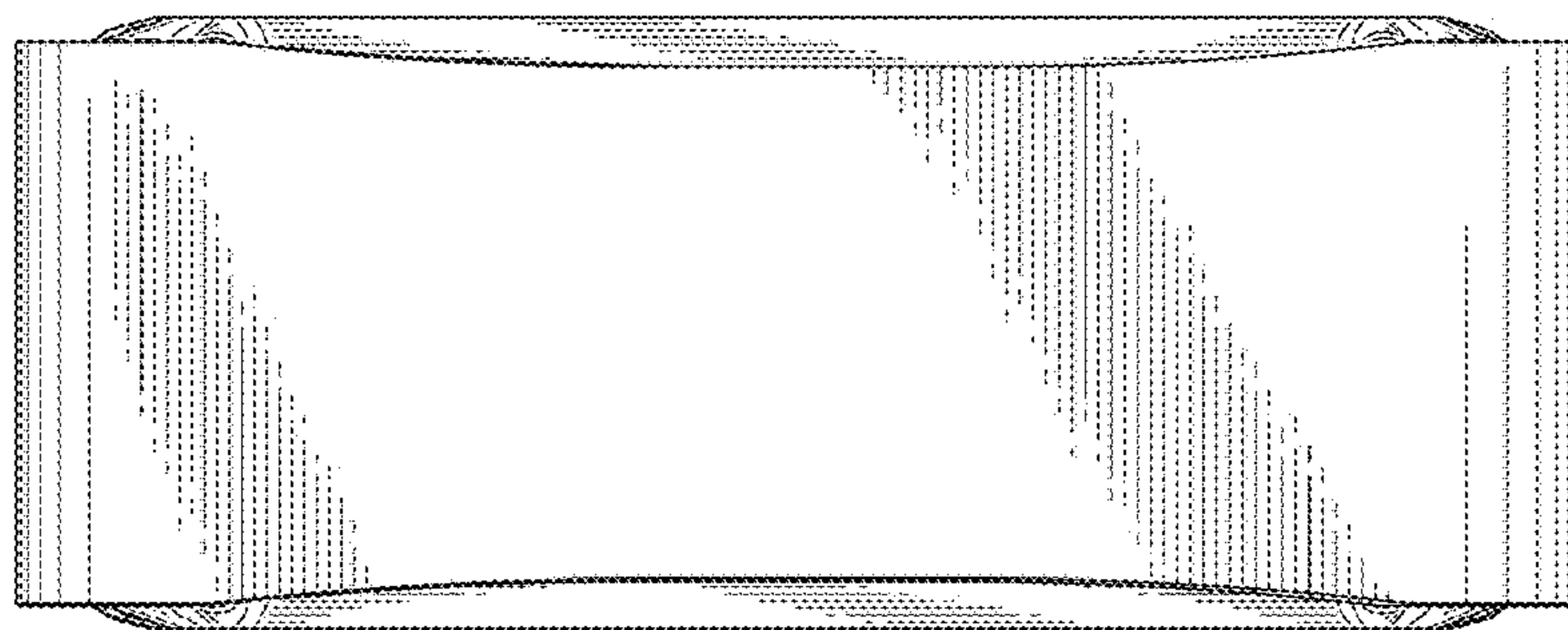


FIG.7

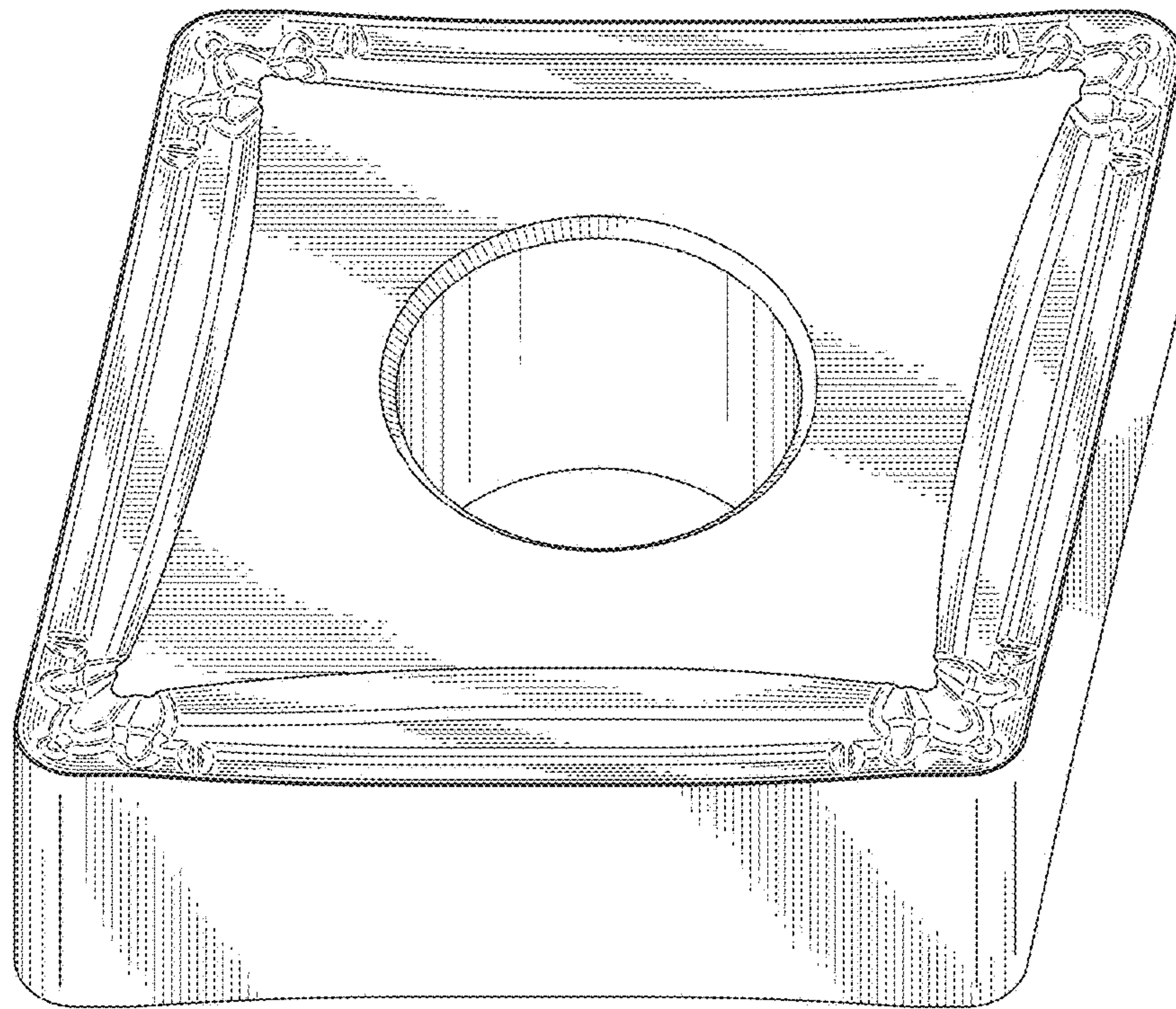


FIG.8

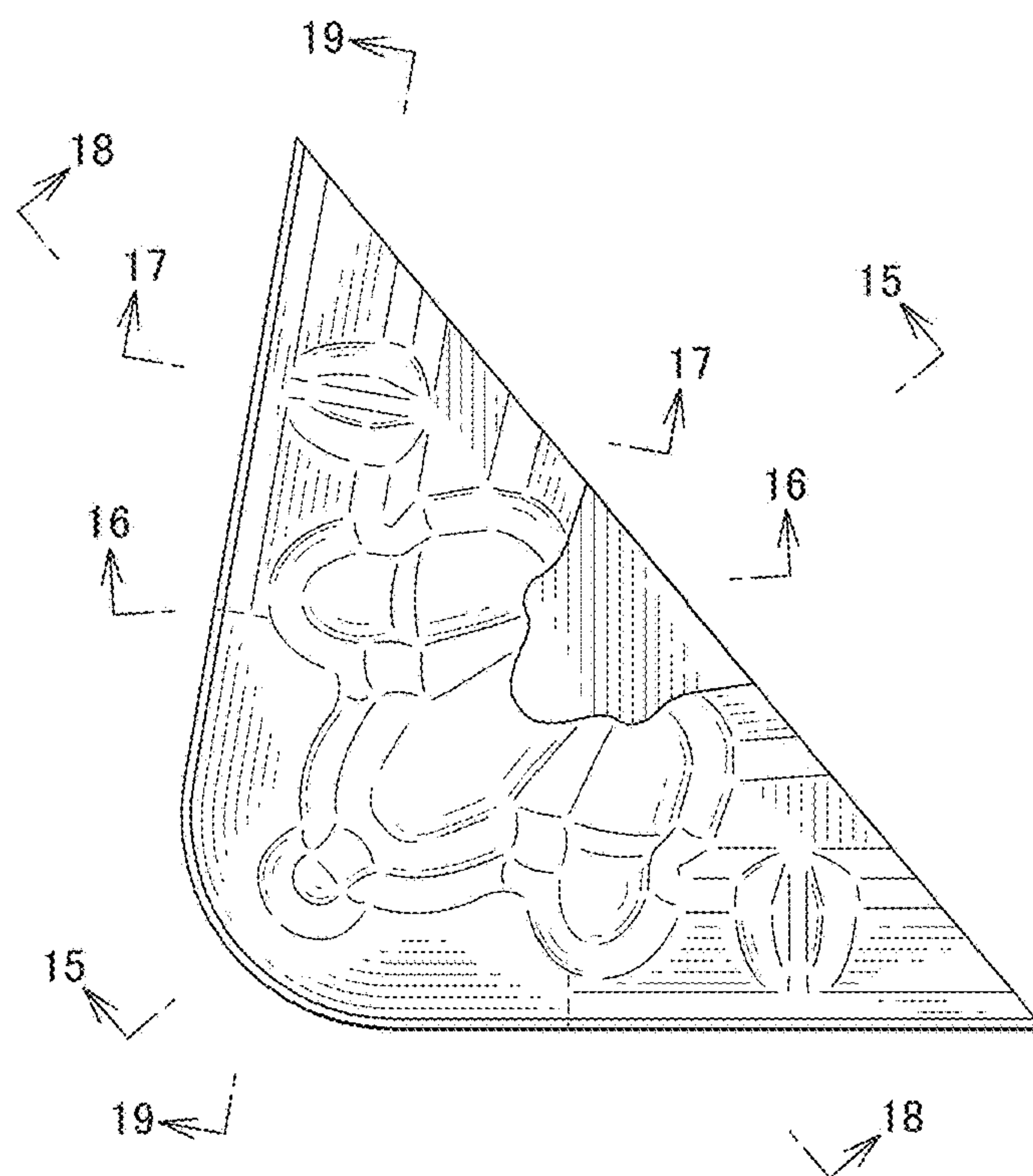


FIG.9

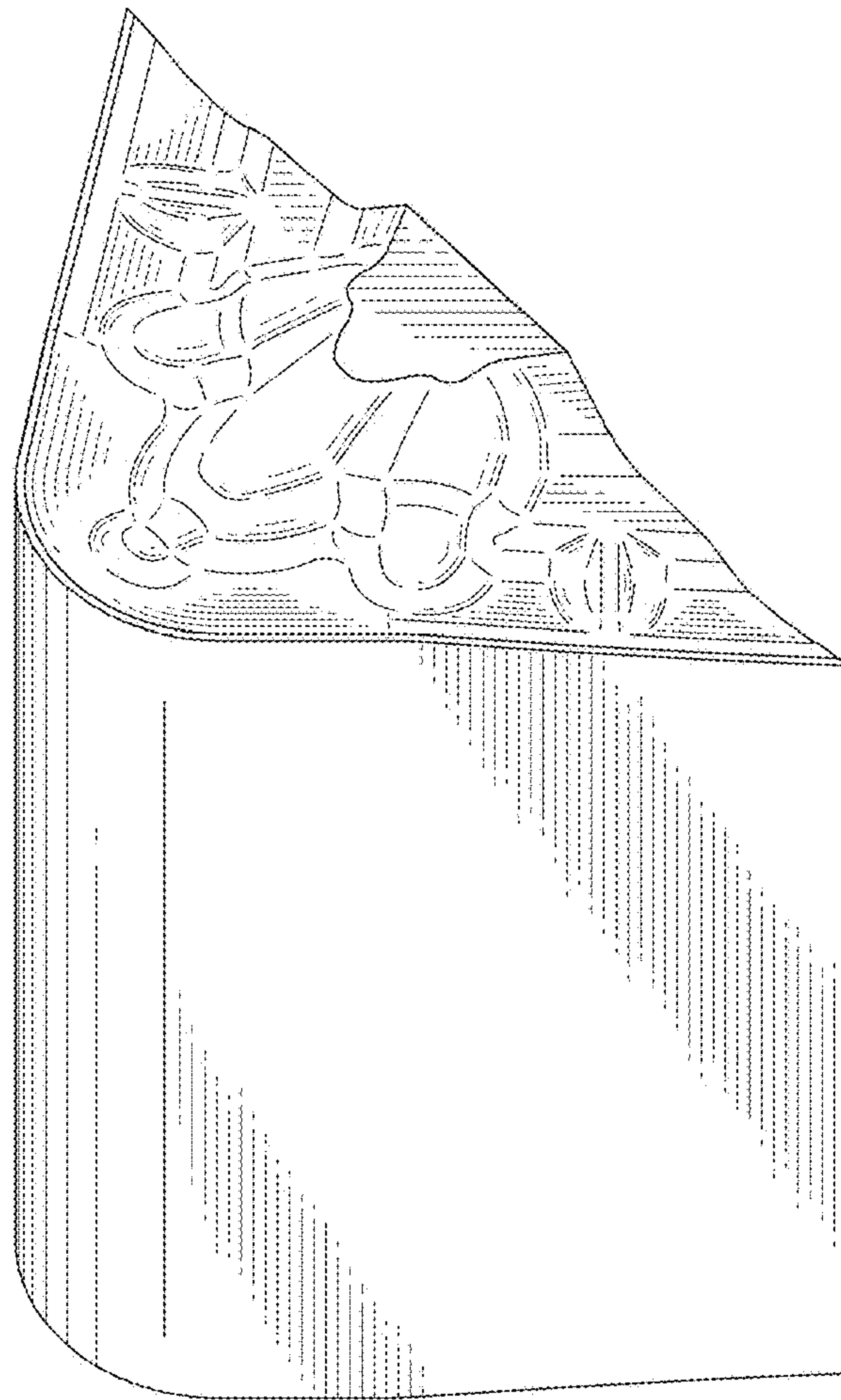


FIG.10

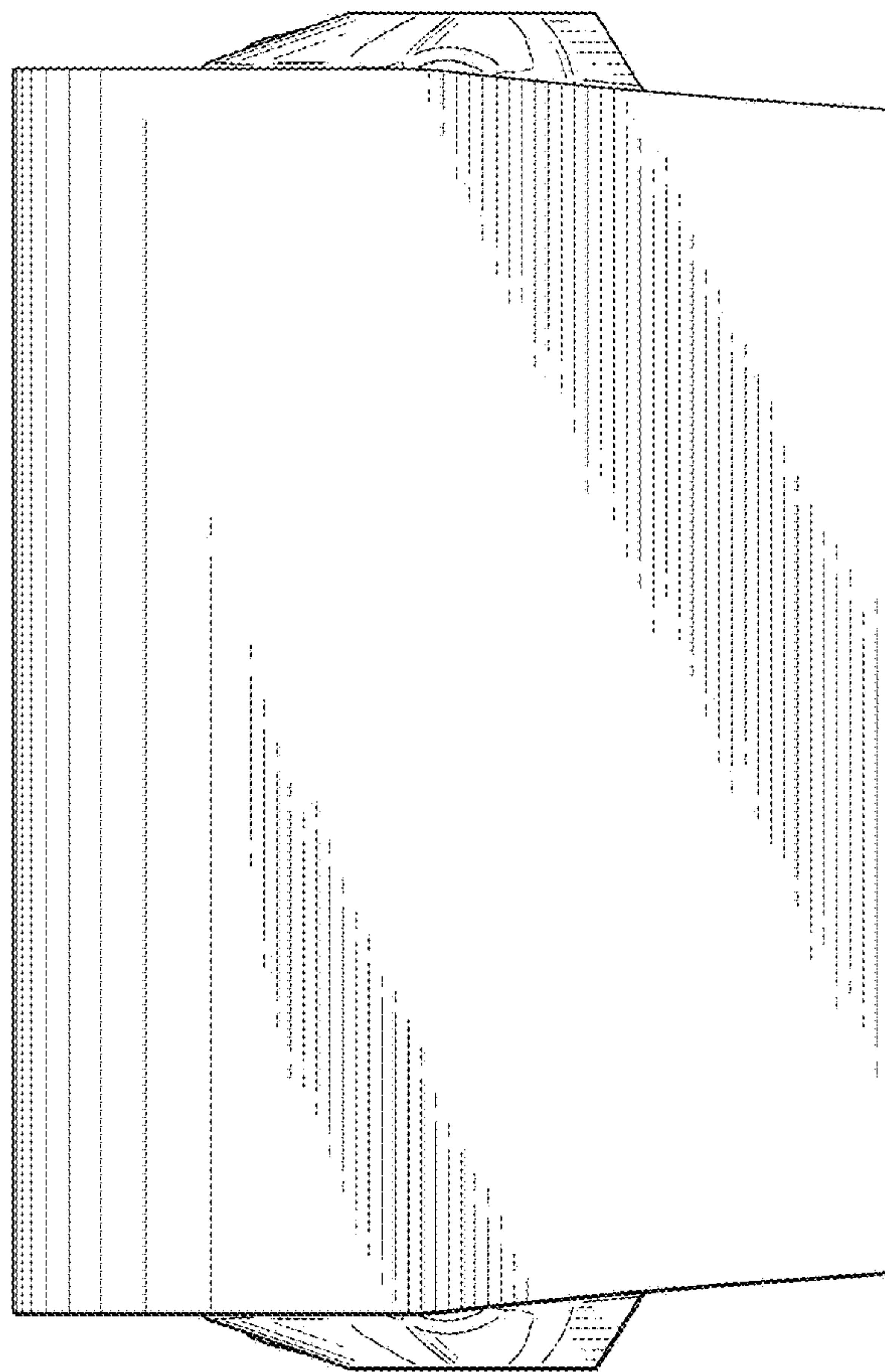


FIG.11

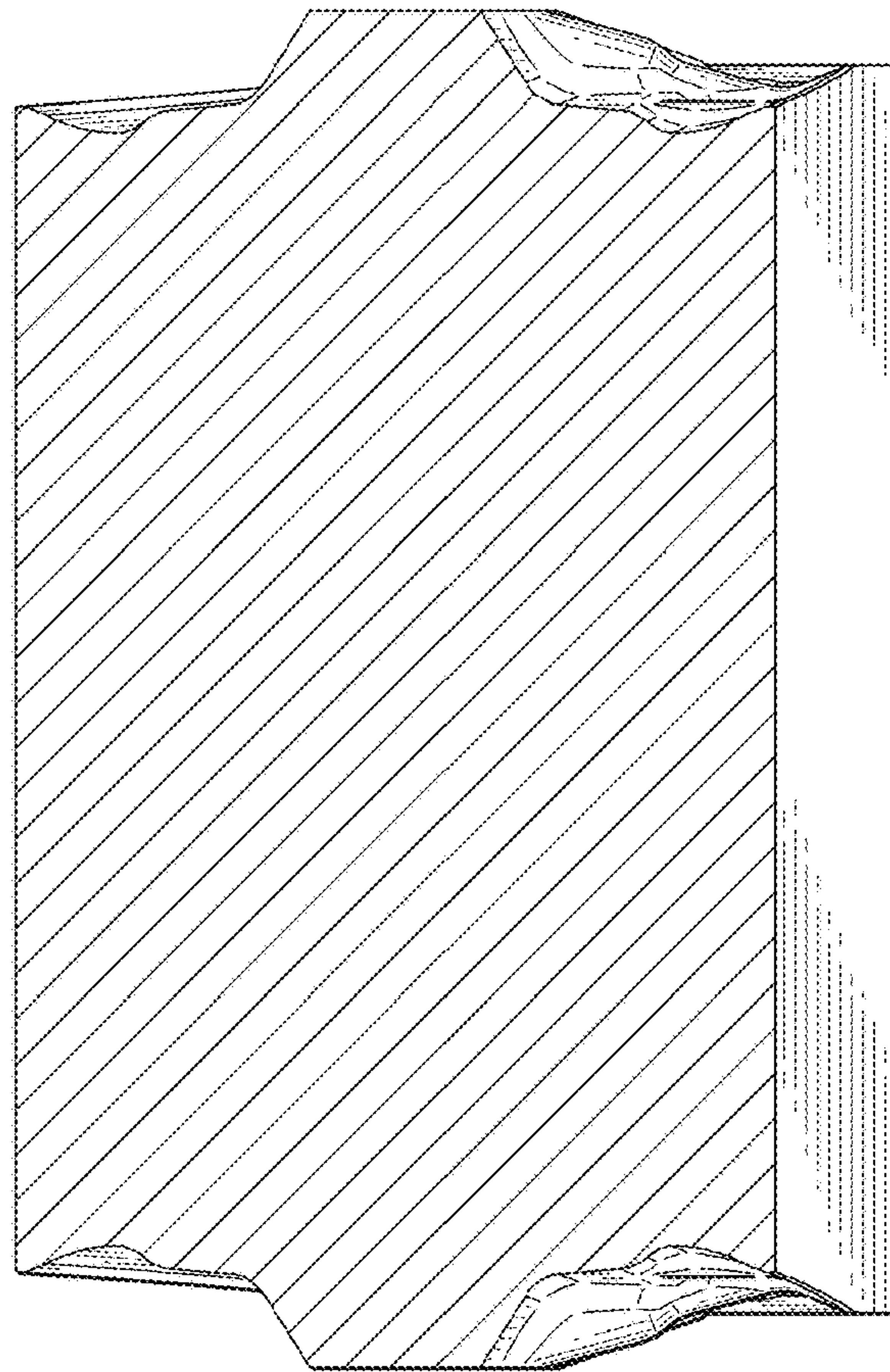


FIG.12

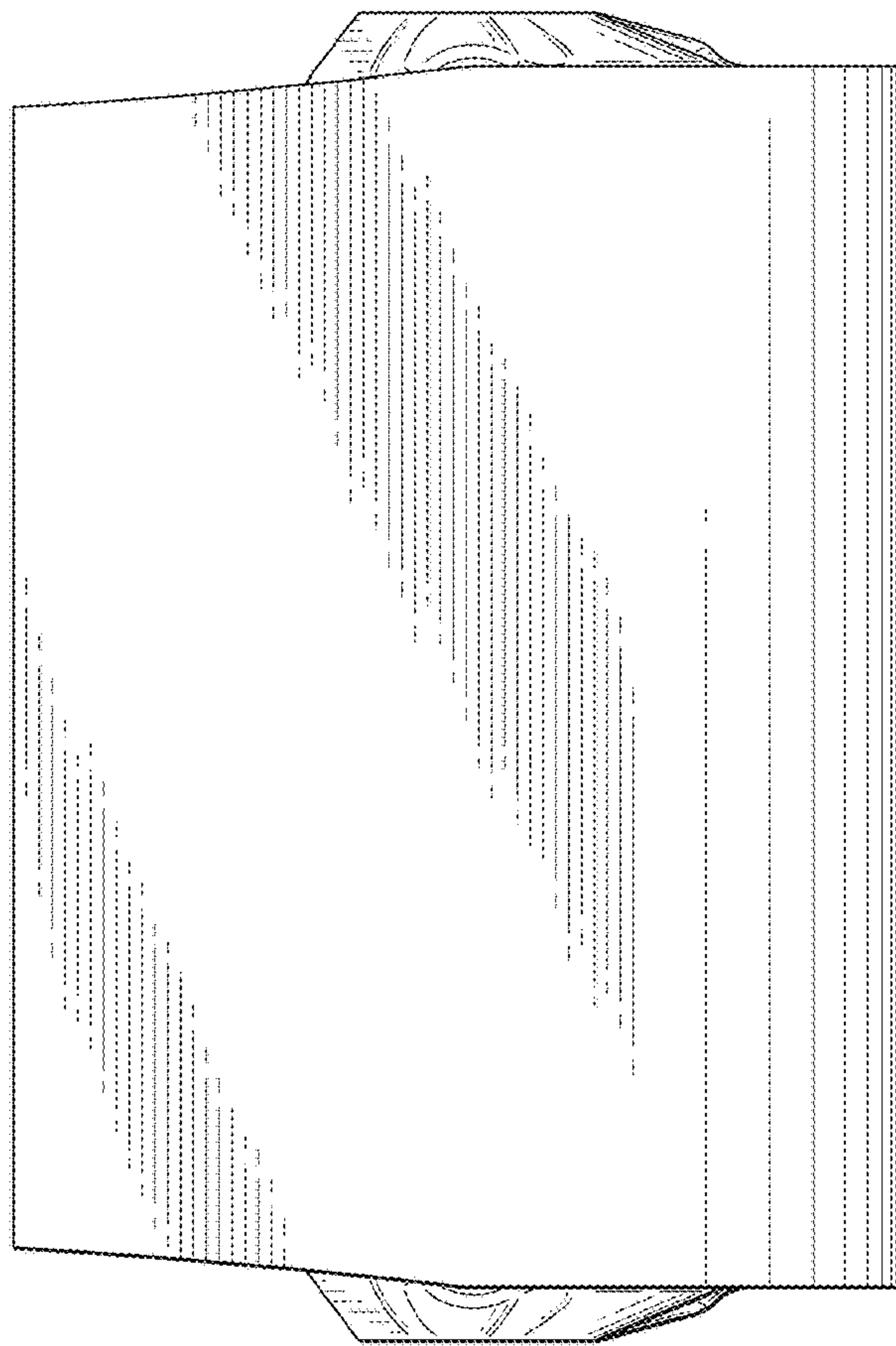


FIG.13

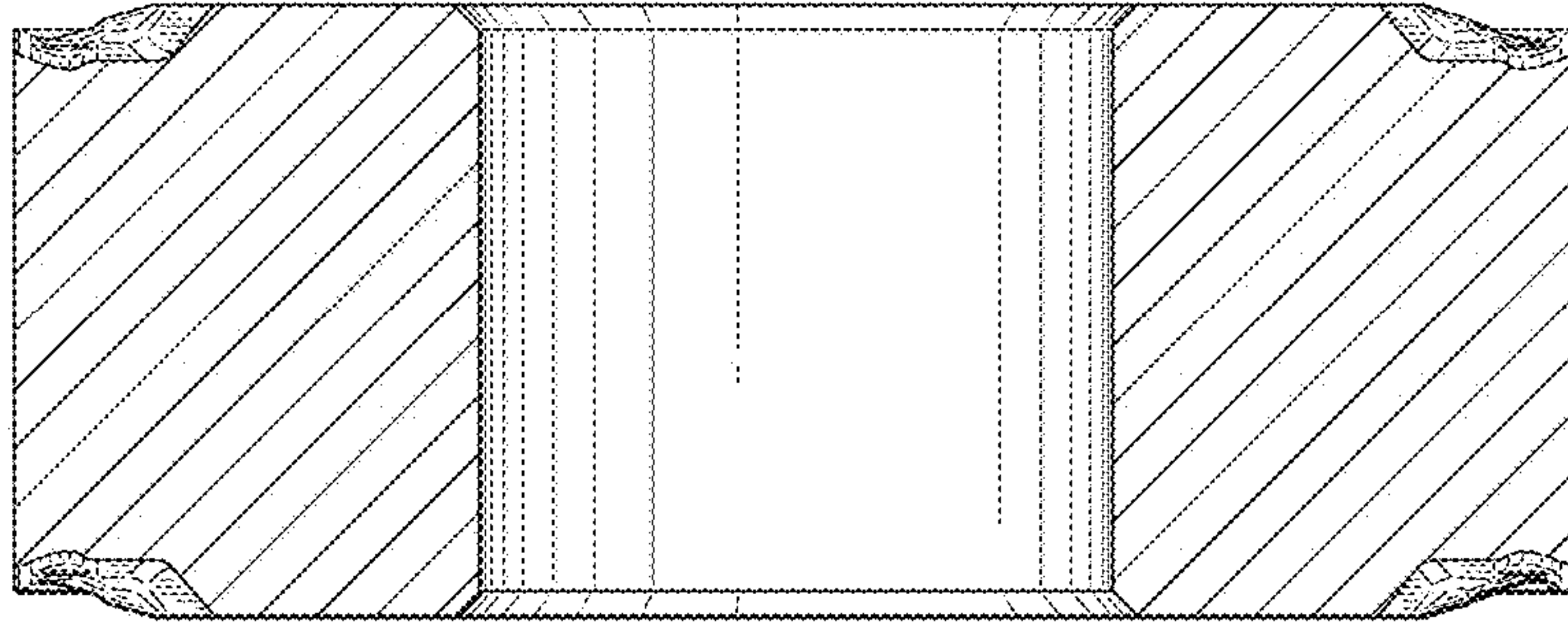


FIG.14

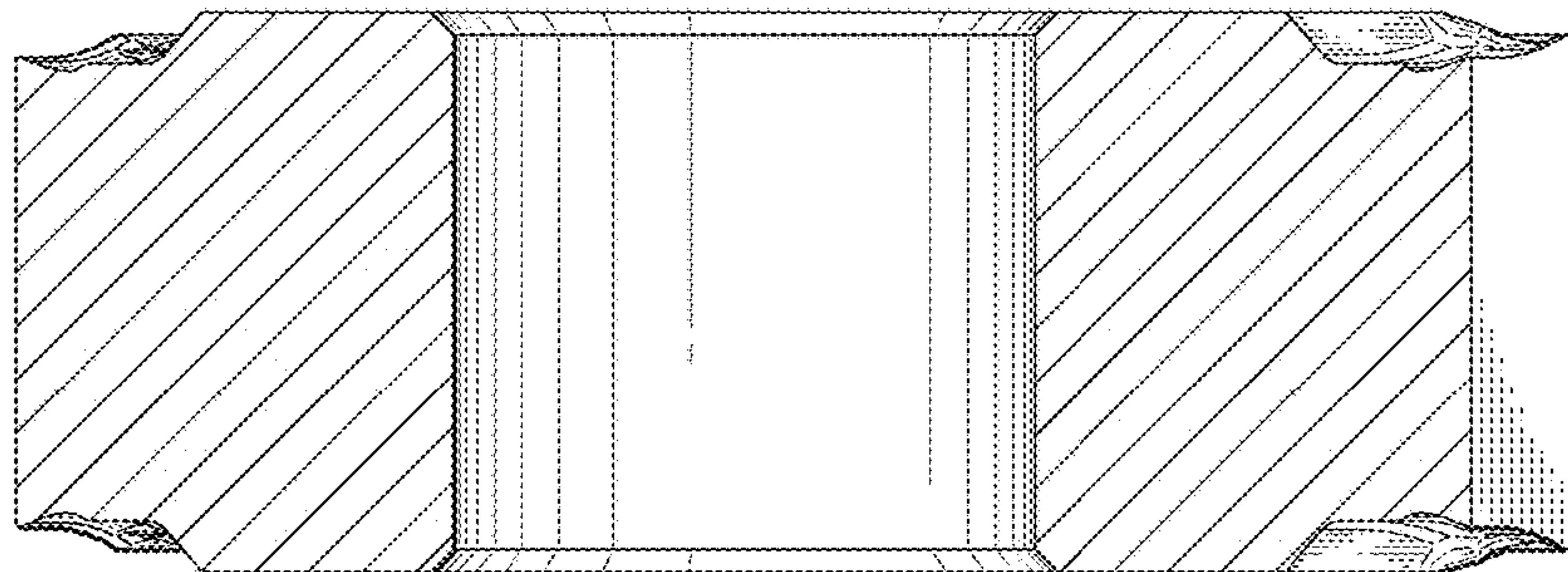


FIG. 15

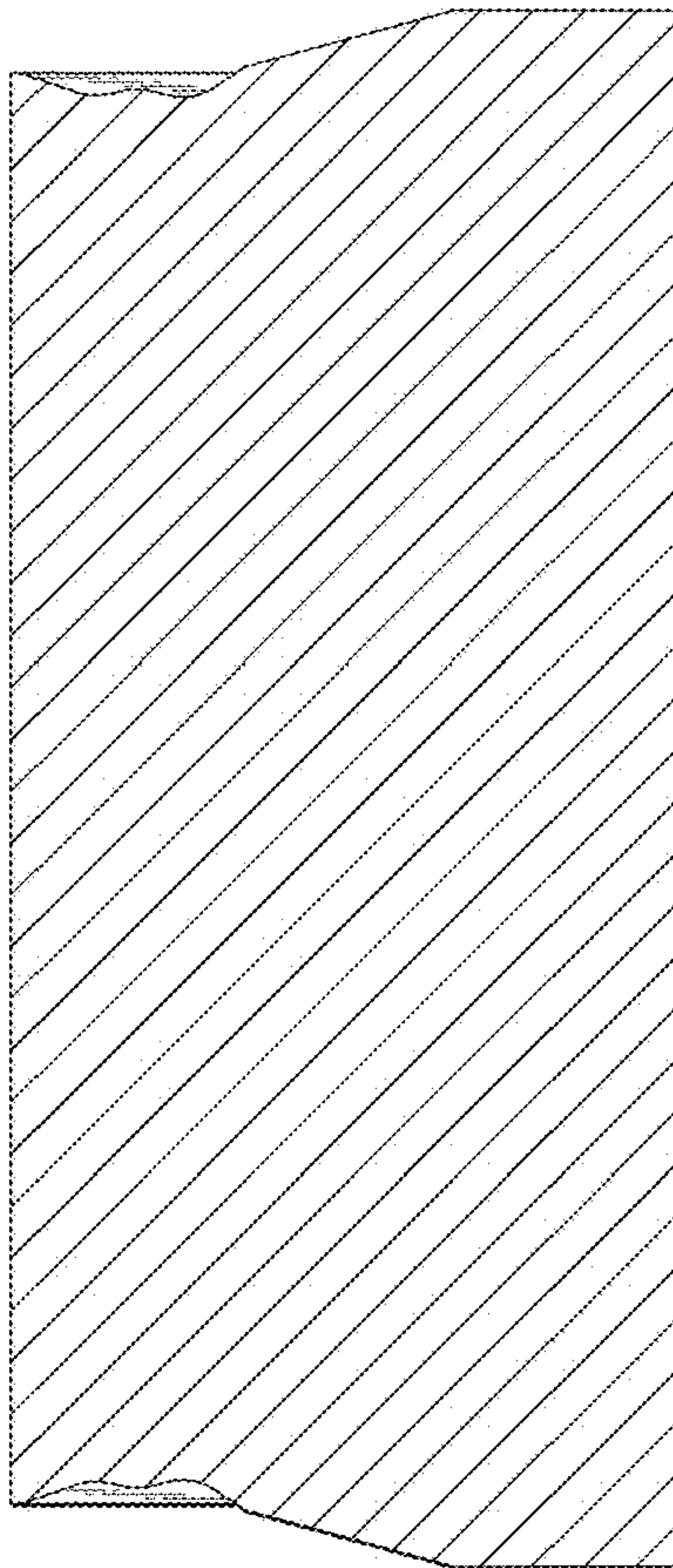


FIG. 16

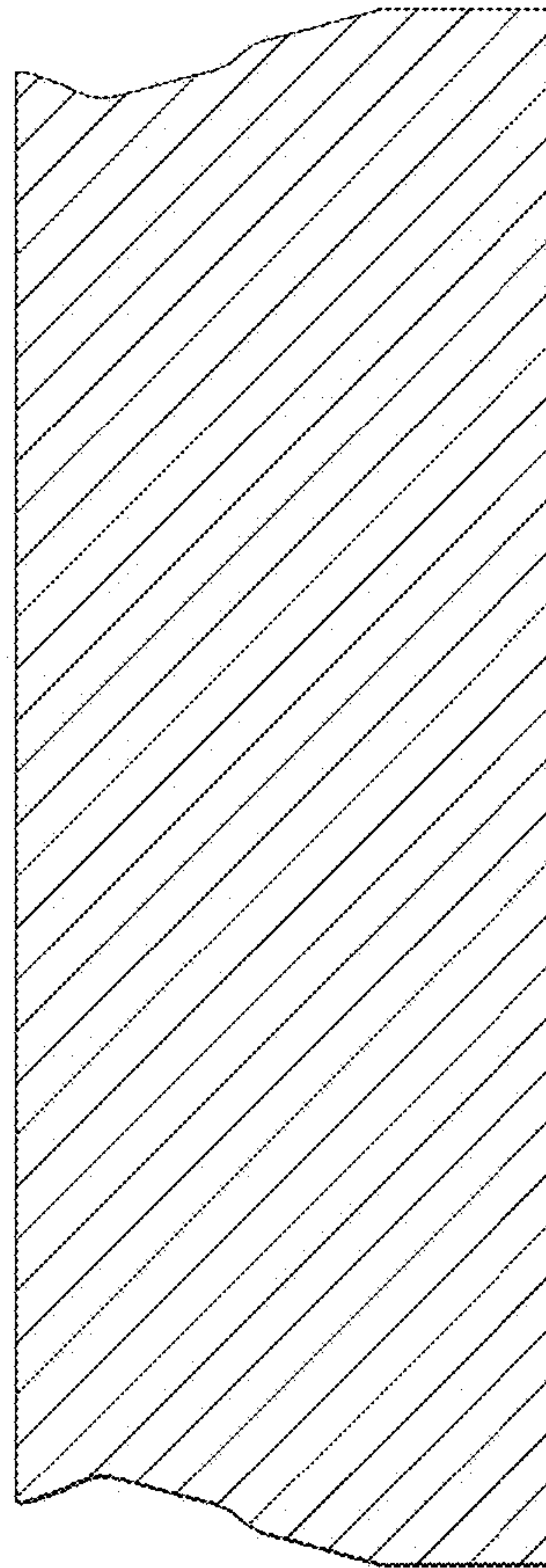


FIG.17

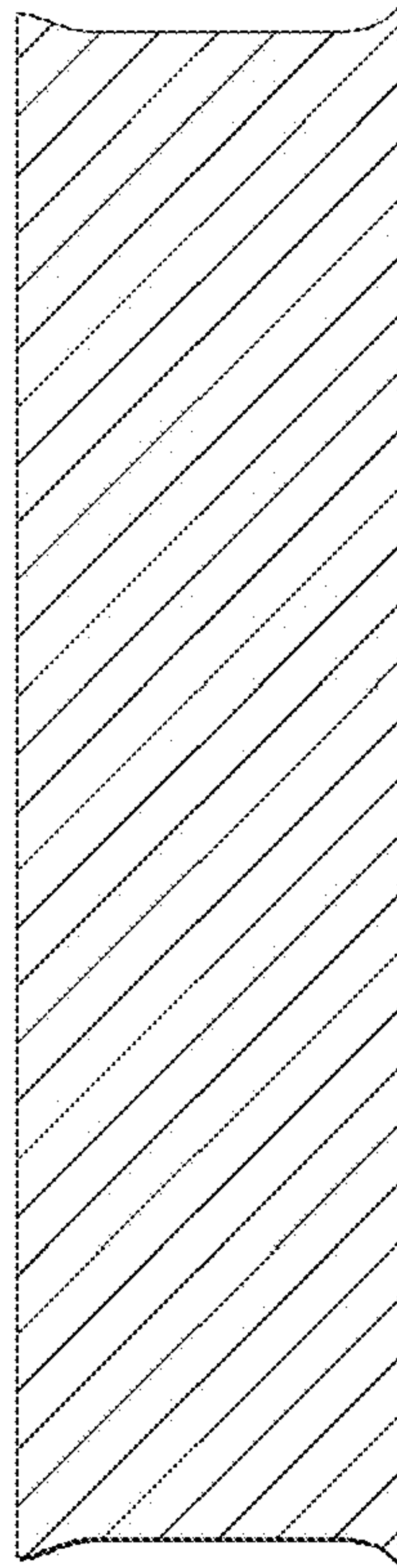


FIG. 18

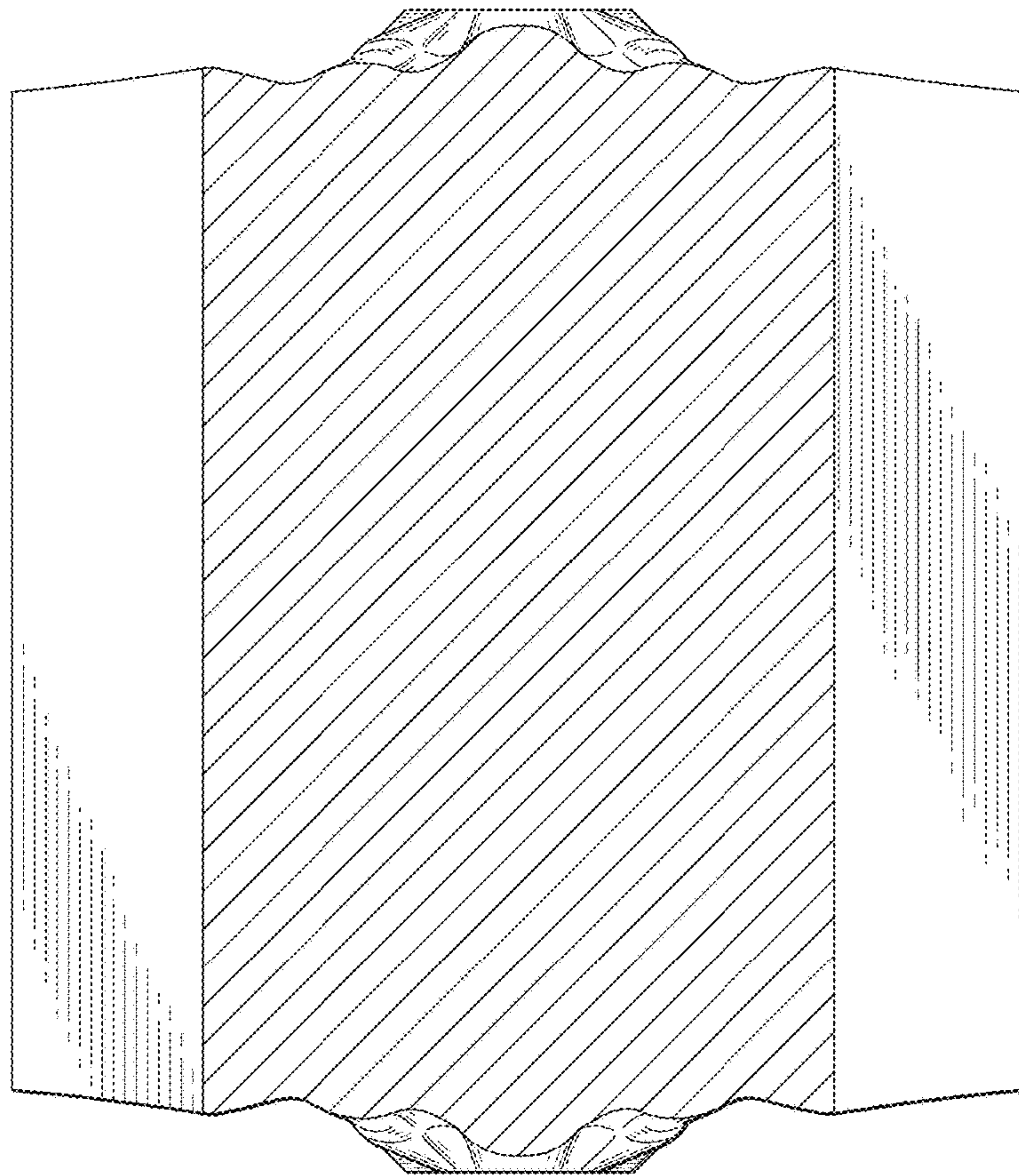


FIG. 19

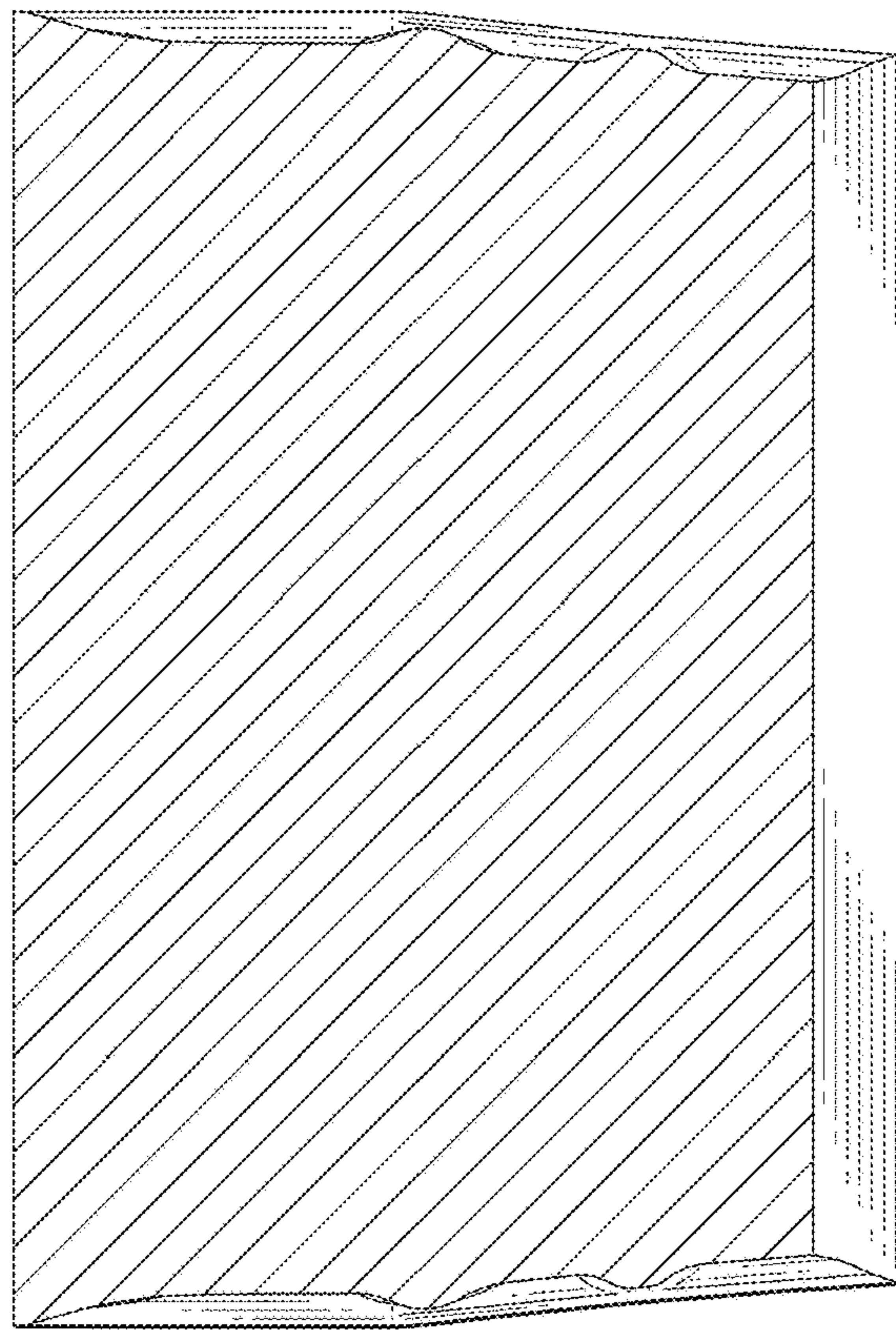


FIG.20

