



US00D795318S

(12) **United States Design Patent** (10) **Patent No.:** **US D795,318 S**  
**Yoshida** (45) **Date of Patent:** **\*\* Aug. 22, 2017**

(54) **CUTTING INSERTS**  
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Fukushima (JP)  
(\*\*) Term: **15 Years**  
(21) Appl. No.: **35/500,741**  
(22) Filed: **Sep. 24, 2015**  
(80) **Hague Agreement Data**  
Int. Filing Date: **Sep. 24, 2015**  
Int. Reg. No.: **DM/087735**  
Int. Reg. Date: **Sep. 24, 2015**  
Int. Reg. Pub. Date: **Mar. 25, 2016**  
(51) **LOC (10) Cl.** ..... **15-09**  
(52) **U.S. Cl.**  
USPC ..... **D15/139**  
(Continued)CPC ..... **B23C 5/207 (2013.01)**  
(58) **Field of Classification Search**  
USPC ..... D15/122-143; 407/113-117, 42  
CPC ..... B23C 5/207; B23C 5/109  
See application file for complete search history.

(56) **References Cited**  
**U.S. PATENT DOCUMENTS**  
D304,949 S \* 12/1989 Niebauer ..... 407/114  
D305,239 S \* 12/1989 Niebauer ..... 407/114  
5,145,295 A \* 9/1992 Satran ..... B23C 5/2213  
407/113  
5,207,538 A \* 5/1993 Satran ..... B23C 5/2213  
407/113  
D342,269 S \* 12/1993 Arai ..... D15/139  
D344,276 S \* 2/1994 Markusson ..... D15/139

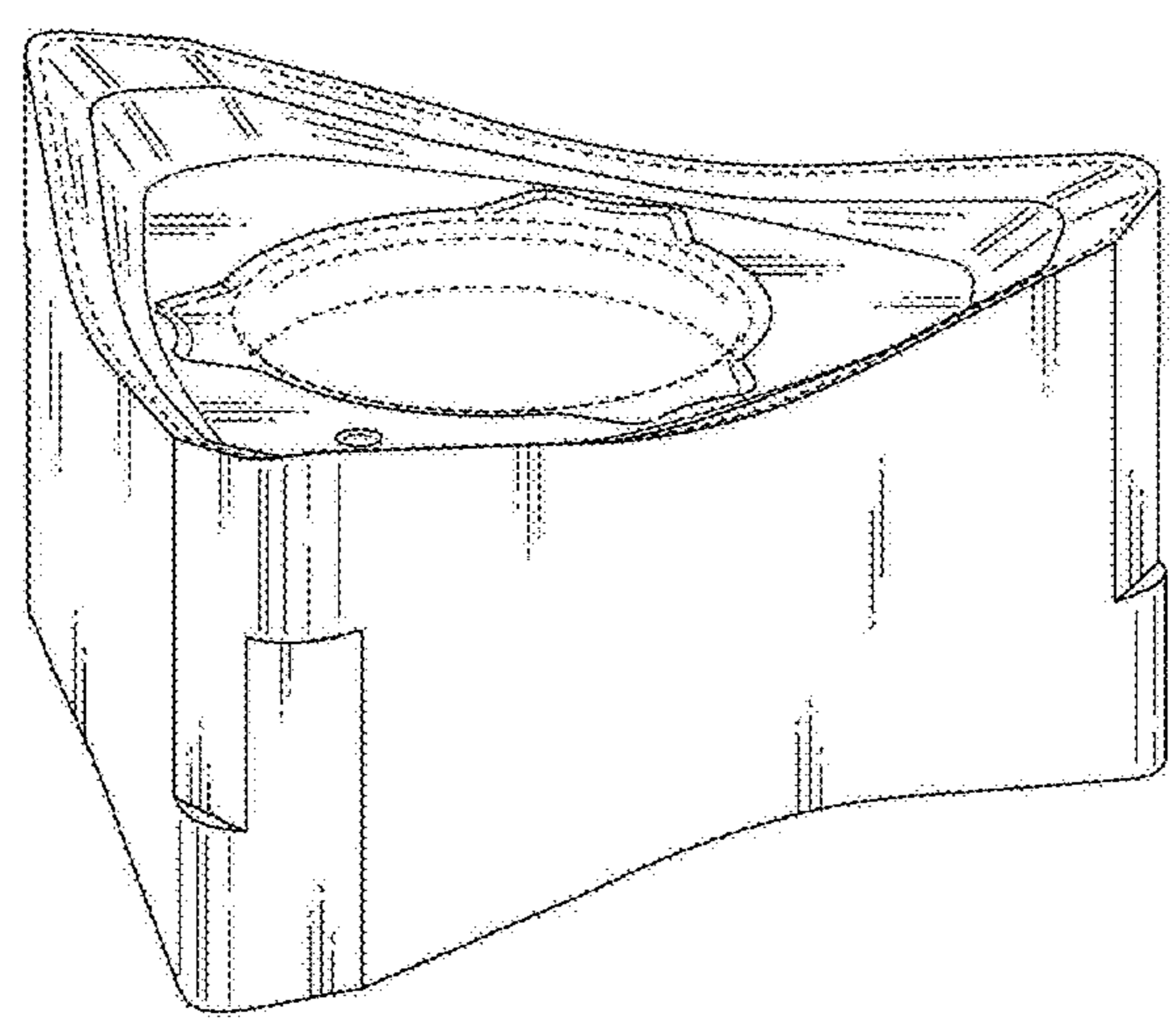
D345,984 S \* 4/1994 Ishikawa ..... D15/139  
D345,985 S \* 4/1994 Ishikawa ..... D15/139  
D355,661 S \* 2/1995 Hessman ..... D15/139  
D357,692 S \* 4/1995 Ishikawa ..... D15/139  
D376,158 S \* 12/1996 Hessman ..... D15/139  
D381,026 S \* 7/1997 Hessman ..... D15/139  
D409,633 S \* 5/1999 Bernadic ..... D15/139  
D422,608 S \* 4/2000 Malaker ..... D15/139  
D425,086 S \* 5/2000 Bernadic ..... D15/139  
D488,175 S \* 4/2004 Kasperik ..... D15/139  
7,168,512 B2 \* 1/2007 Schuffenhauer ..... B23C 5/207  
175/426  
D585,467 S \* 1/2009 Takanashi ..... D15/139  
D589,542 S \* 3/2009 Takanashi ..... D15/139  
2015/0202697 A1 \* 7/2015 Shiota ..... B23C 5/109  
407/42  
2015/0246398 A1 \* 9/2015 Kawasaki ..... B23B 51/048  
408/231

\* cited by examiner  
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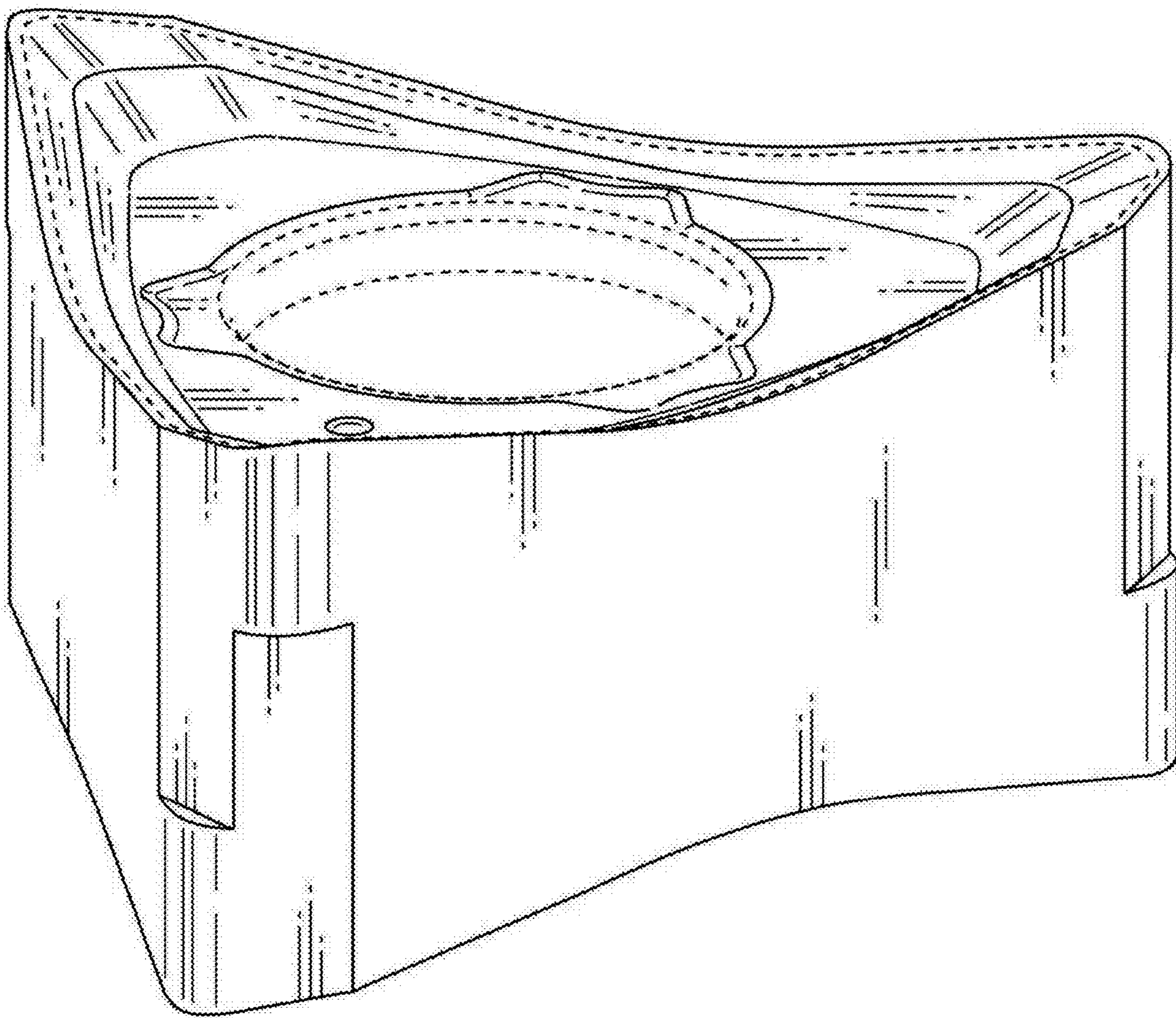
(57) **CLAIM**  
The ornamental design for cutting insert, as shown and described.

**DESCRIPTION**  
1. Cutting inserts  
**1.1** : Top perspective  
**1.2** : Front  
**1.3** : Back  
**1.4** : Top  
**1.5** : Bottom  
**1.6** : Left  
**1.7** : Right  
**1.8** : Bottom perspective  
A claim is the ornamental design that is shown and described in the attached representations; the broken lines are included for the purpose of illustrating the unclaimed portions of the cutting insert which form no part of the claimed design.

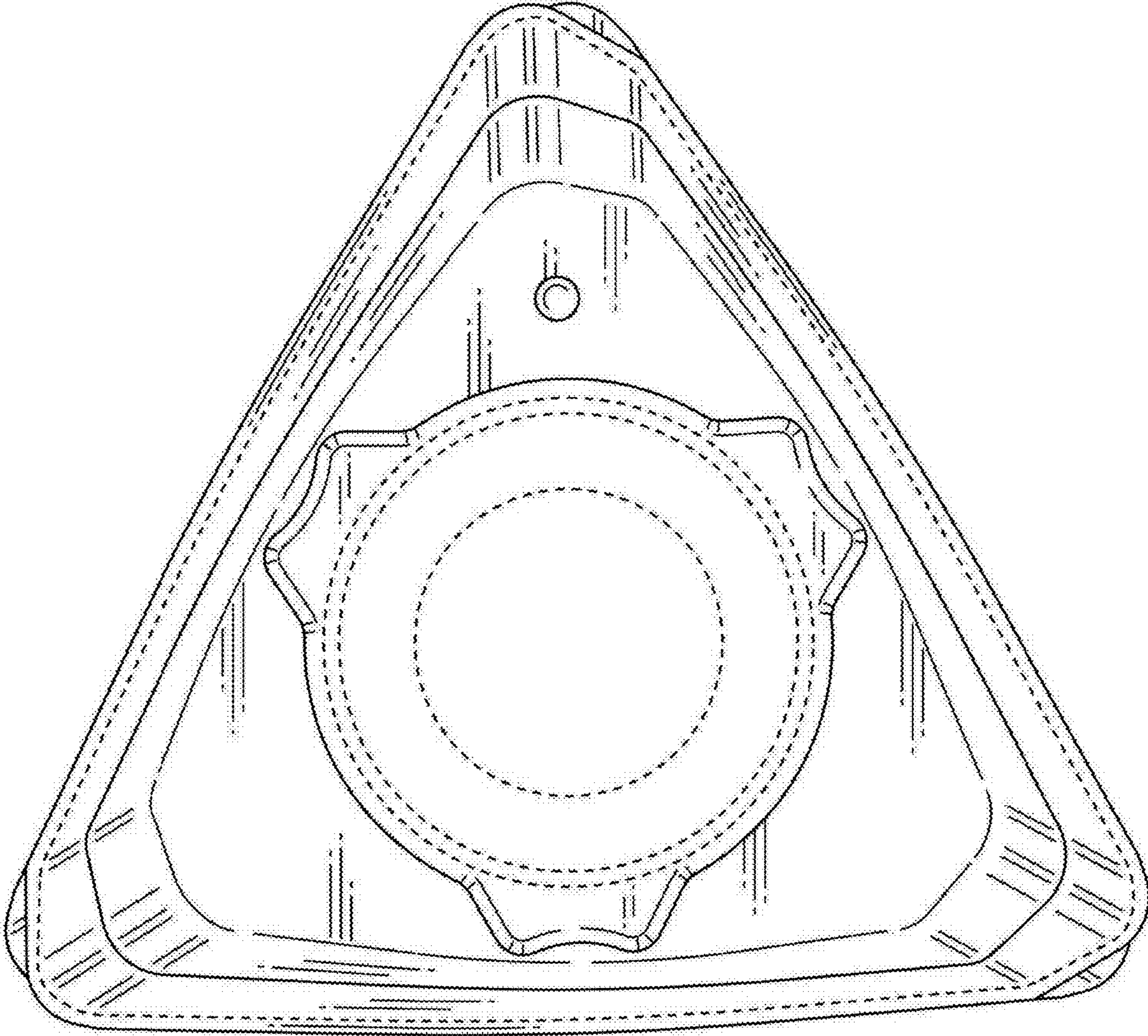
**1 Claim, 8 Drawing Sheets**



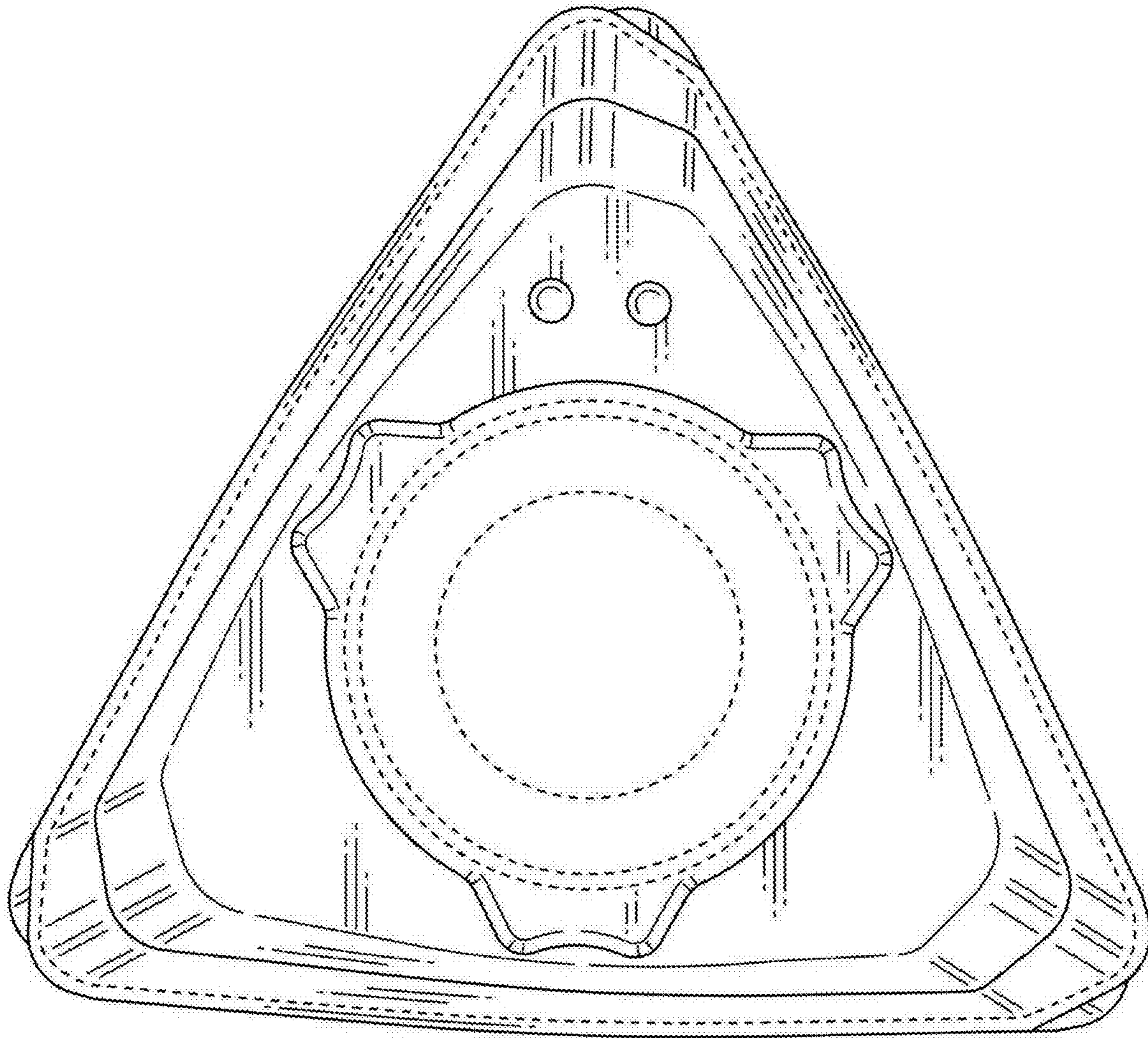
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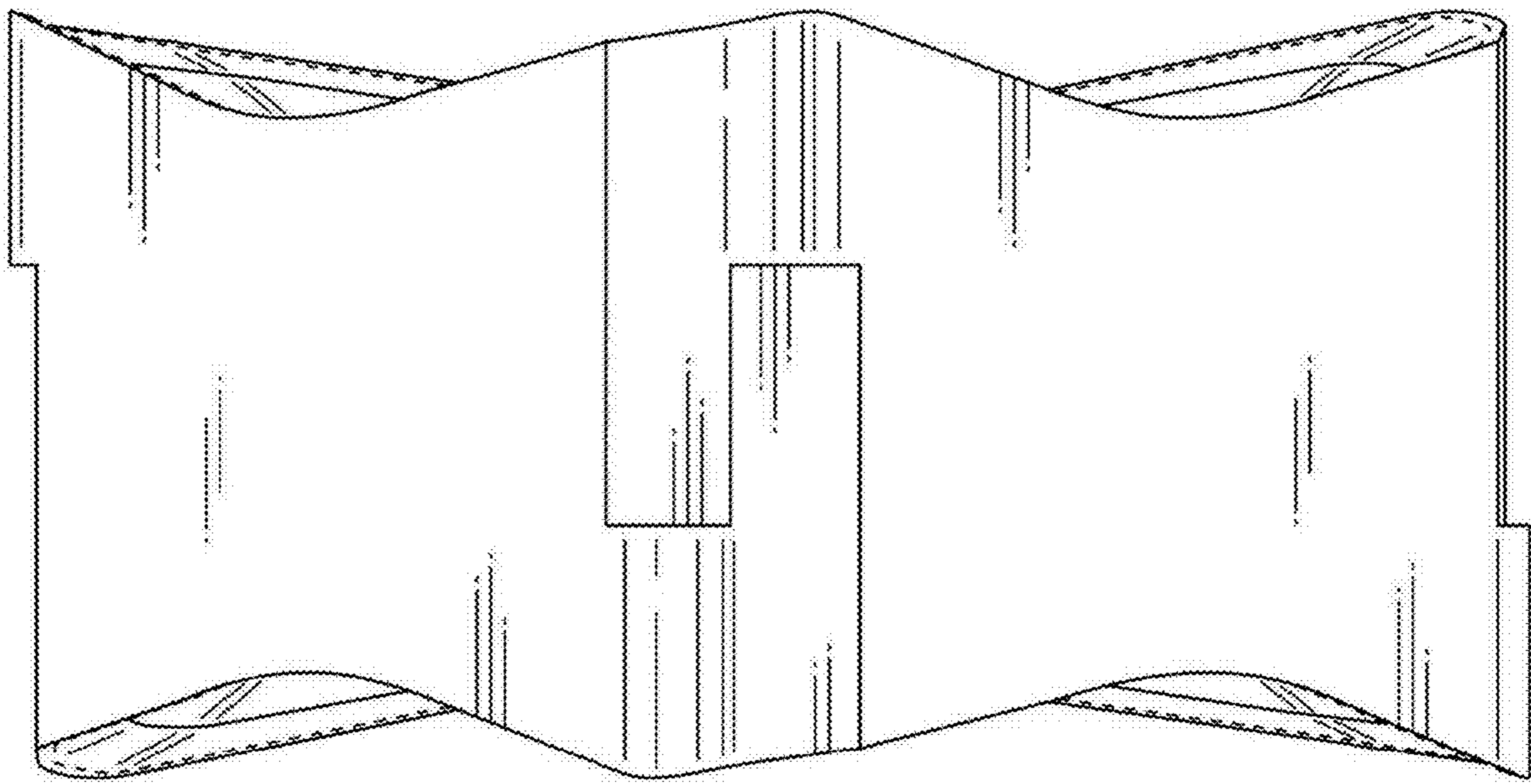
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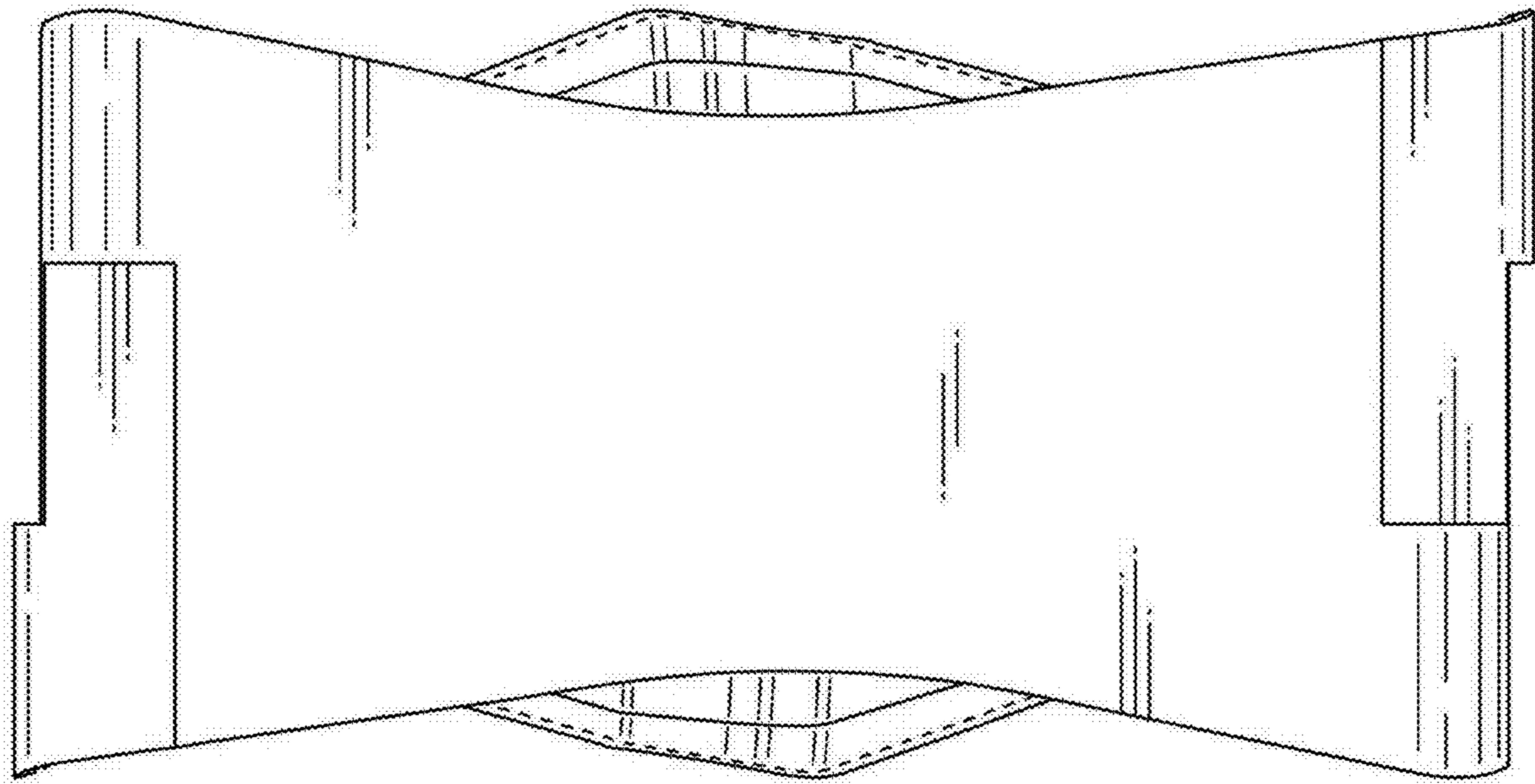
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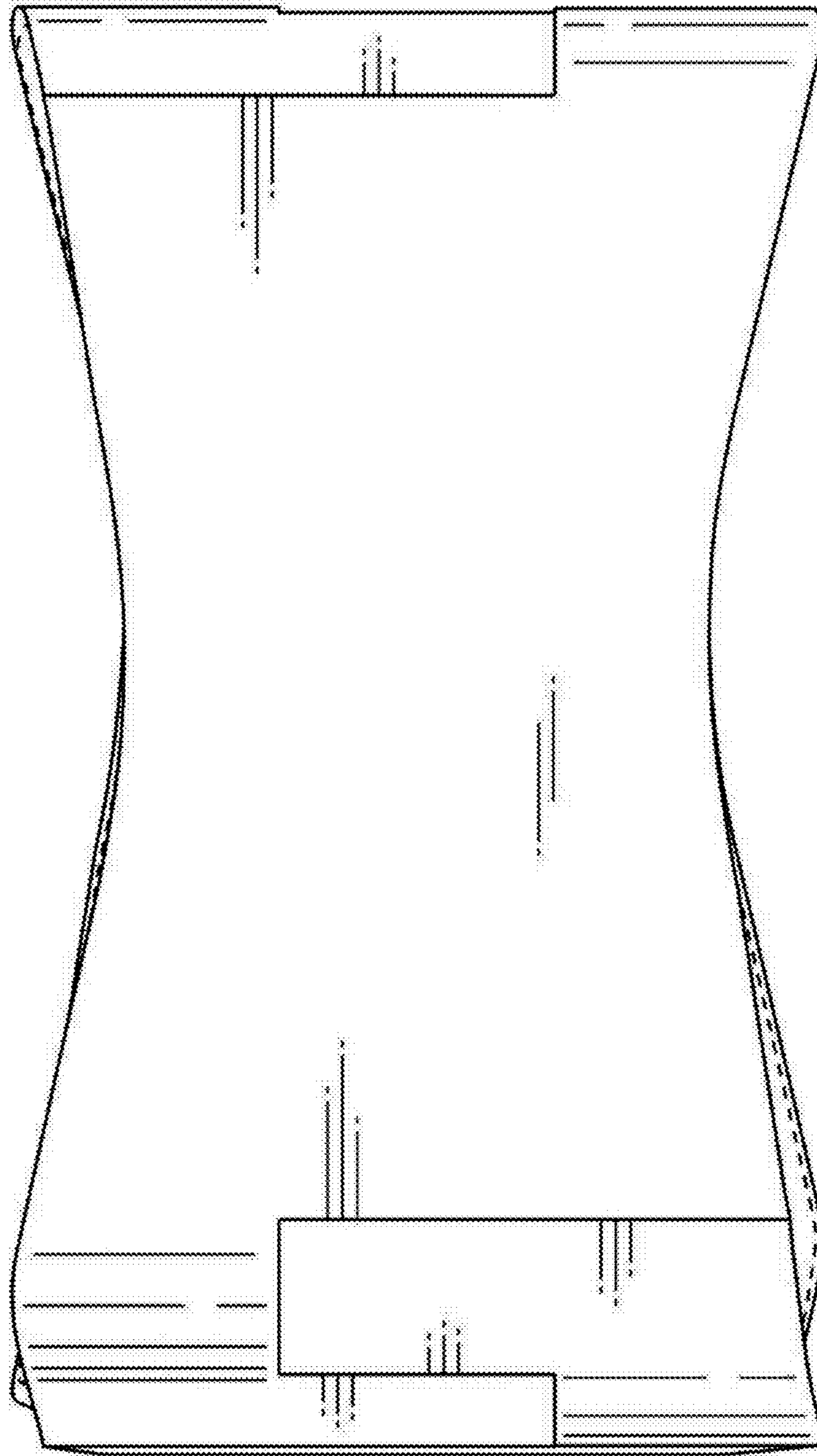
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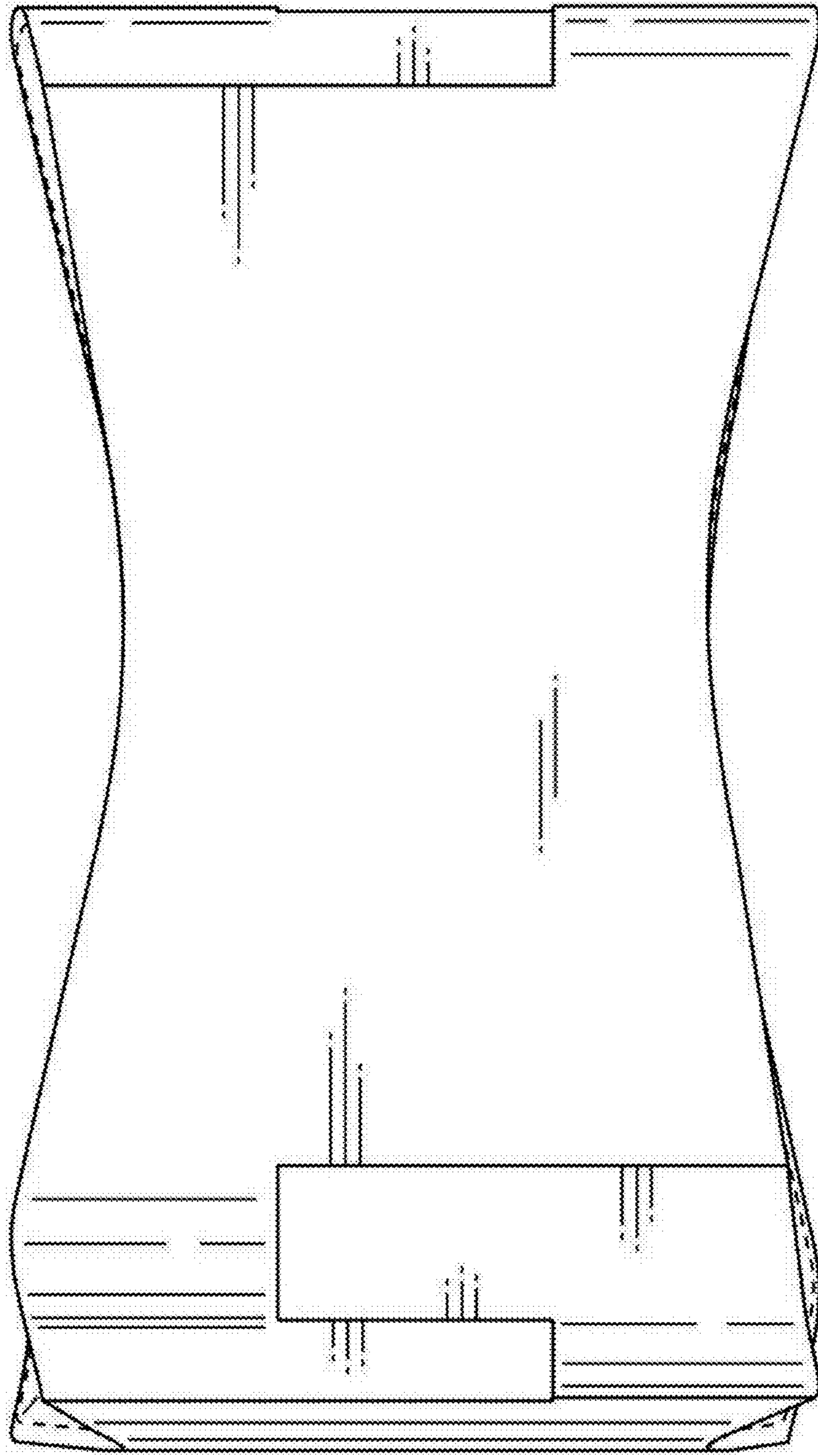
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1.6



1.7





1.8

