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Patel et al.

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(54) RAIN CAP FOR GAS VENTING SYSTEM

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(**) Term: 15 Years

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USPC D23/374

(58) Field of Classification Search
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D25/32
CPC F23L 17/02; A47J 37/0786; F23J 13/00;
F23J 13/08; F23J 2213/50; E04F 17/026;
F24F 7/02

See application file for complete search history.

(56) References Cited

U.S. PATENT DOCUMENTS

199,399 A * 1/1878 Barnum F23L 17/02
454/36
317,718 A * 5/1885 Burkhardt F23L 17/02
454/33
441,101 A * 11/1890 Kayser F23L 17/02
454/37

715,169 A * 12/1902 Stanley F24F 7/02
454/35
725,452 A * 4/1903 Klein F23L 17/02
454/39
826,345 A * 7/1906 Miller et al. F23L 17/02
454/32
850,372 A * 4/1907 Kemp F23L 17/02
454/12
867,881 A * 10/1907 Holtzinger F23L 17/02
454/32
874,249 A * 12/1907 Rothbarth F23L 17/02
454/32
898,790 A * 9/1908 Sohupinsky F23L 17/02
454/39
912,076 A * 2/1909 Cochran F23L 17/02
454/32
985,148 A * 2/1911 Cummings F24F 7/02
114/212
1,545,618 A * 7/1925 Sundahl F24F 7/02
454/39
1,664,315 A * 3/1928 Orr F23L 17/02
454/12

(Continued)

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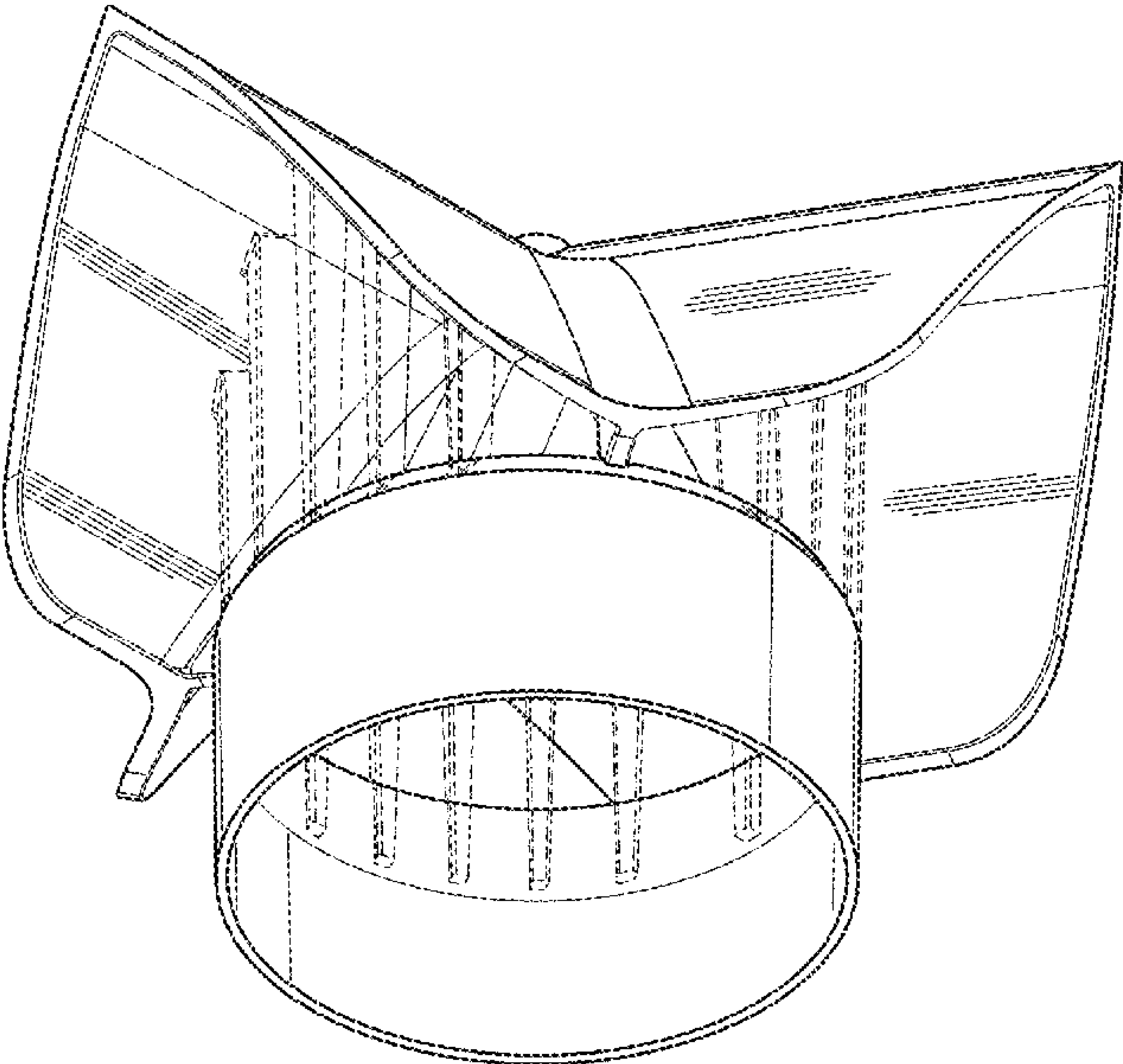
(57) CLAIM

The ornamental design for a rain cap for gas venting system
as shown and described.

DESCRIPTION

FIG. 1 is a front and top perspective view of a rain cap for
gas venting system showing the design.
FIG. 2 is a front and bottom perspective view thereof.
FIG. 3 is a top view thereof.
FIG. 4 is a front view thereof.
FIG. 5 is a rear view thereof; and,
FIG. 6 is a bottom view thereof.
The broken line portions in the drawings do not form part of
the claimed design.

1 Claim, 6 Drawing Sheets



(56)

References Cited

U.S. PATENT DOCUMENTS

1,955,176 A * 4/1934 Dearing F23L 17/02
454/39

2,127,100 A * 8/1938 Whitaker F23L 17/02
126/307 A

D111,516 S * 9/1938 Kreutzer D23/373

D135,628 S * 5/1943 Heiman D23/374

2,422,855 A * 6/1947 Rutter F23L 17/02
454/37

2,766,678 A * 10/1956 Morris F23L 17/02
454/35

3,062,125 A * 11/1962 Henneberger F23L 17/10
454/82

D203,632 S * 2/1966 Carpino D23/374

3,398,671 A * 8/1968 Acosta F23L 17/02
126/307 R

3,421,429 A * 1/1969 Stone F23L 17/02
454/34

4,549,473 A * 10/1985 Alexander F23J 13/08
454/14

D412,570 S * 8/1999 Szwartz D23/374

D488,550 S * 4/2004 Taylor D23/374

D609,798 S * 2/2010 Matejczuk D23/374

8,298,053 B2 * 10/2012 Parry F23L 17/02
454/33

D709,174 S * 7/2014 Rodriguez, Jr. F23J 13/04
D23/373

D766,419 S * 9/2016 Merritt D23/374

D780,302 S * 2/2017 Merritt D23/374

10,267,533 B2 * 4/2019 Mantyla F24F 13/082

D1,023,282 S * 4/2024 Patel D23/374

12,031,744 B1 * 7/2024 Hatton F24F 13/20

2008/0070494 A1 * 3/2008 Henry E04D 1/30
454/365

2011/0302876 A1 * 12/2011 Giffin F24F 7/02
454/367

2013/0065506 A1 * 3/2013 Alemao F24F 7/02
454/367

2013/0109294 A1 * 5/2013 Tolinski F24F 13/20
454/367

2013/0189915 A1 * 7/2013 Hazard F23J 13/02
454/47

2014/0342658 A1 * 11/2014 Parkinson E04D 13/17
454/367

2017/0146253 A1 * 5/2017 Mantyla F24F 7/02

2017/0191683 A1 * 7/2017 Seemann F24F 7/02

2021/0088212 A1 * 3/2021 Chandrasekaran F23J 13/08

2024/0110713 A1 * 4/2024 Beauvais G06N 3/082

* cited by examiner

Fig. 1

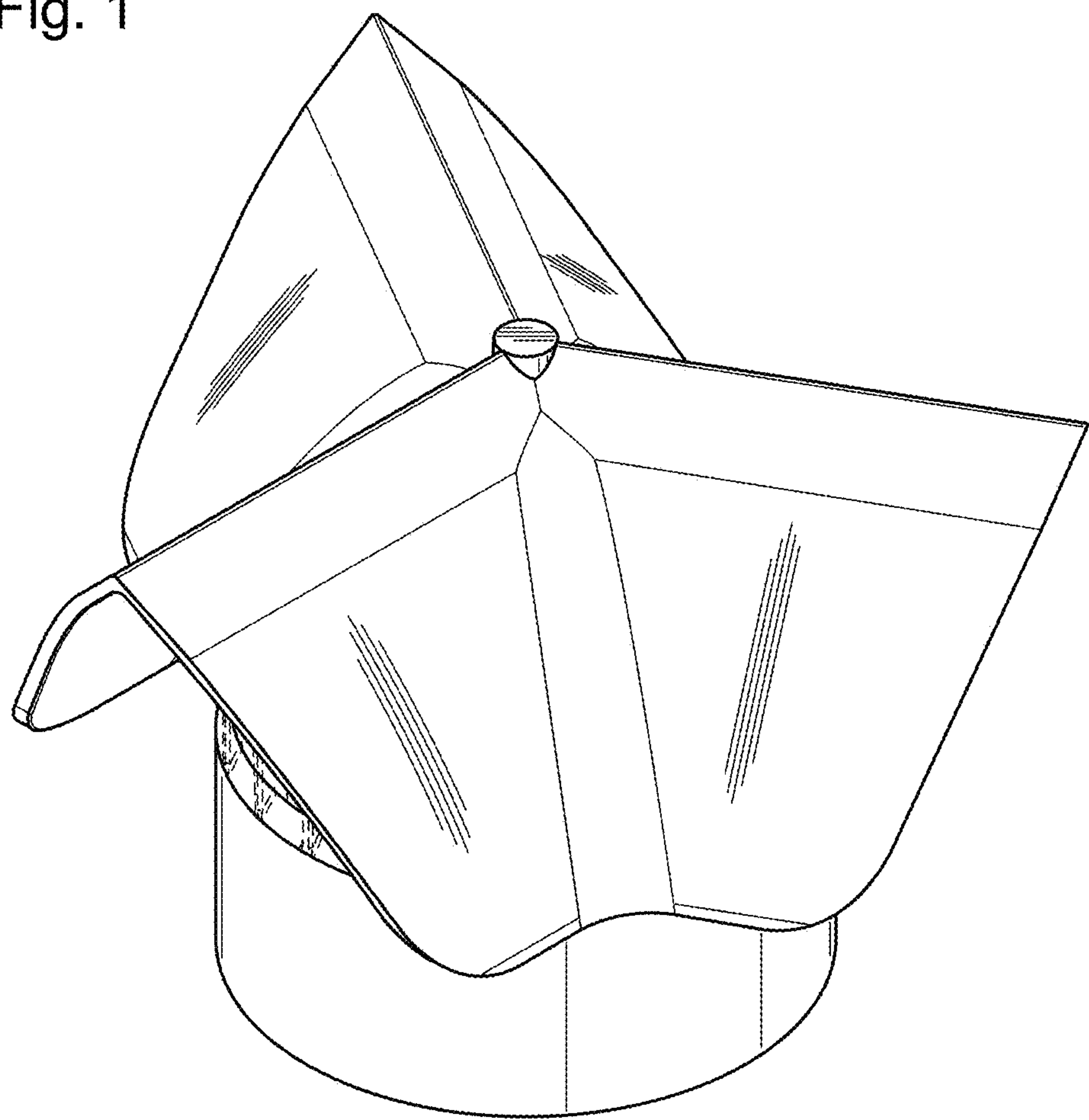


Fig. 2

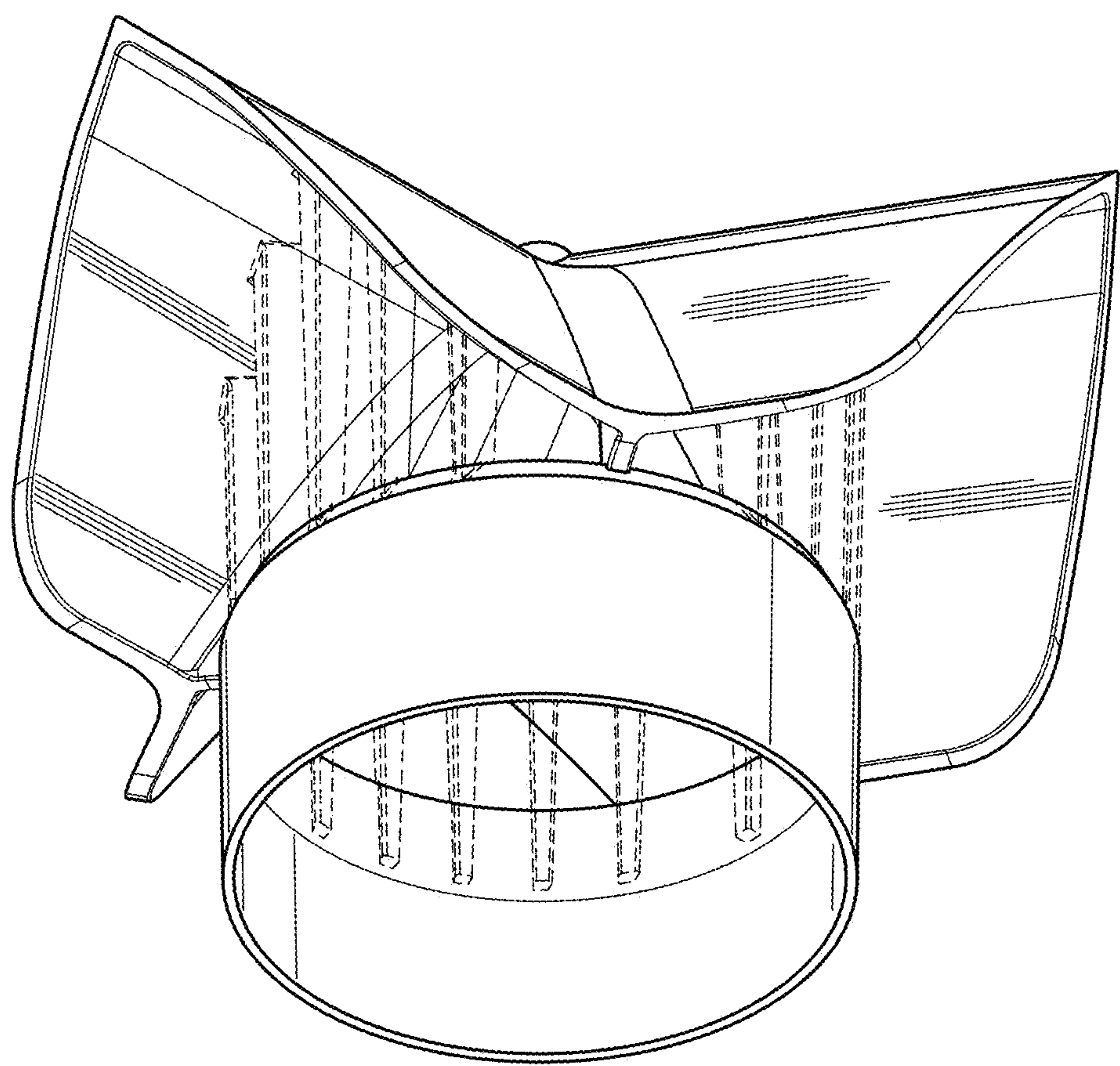


Fig. 3

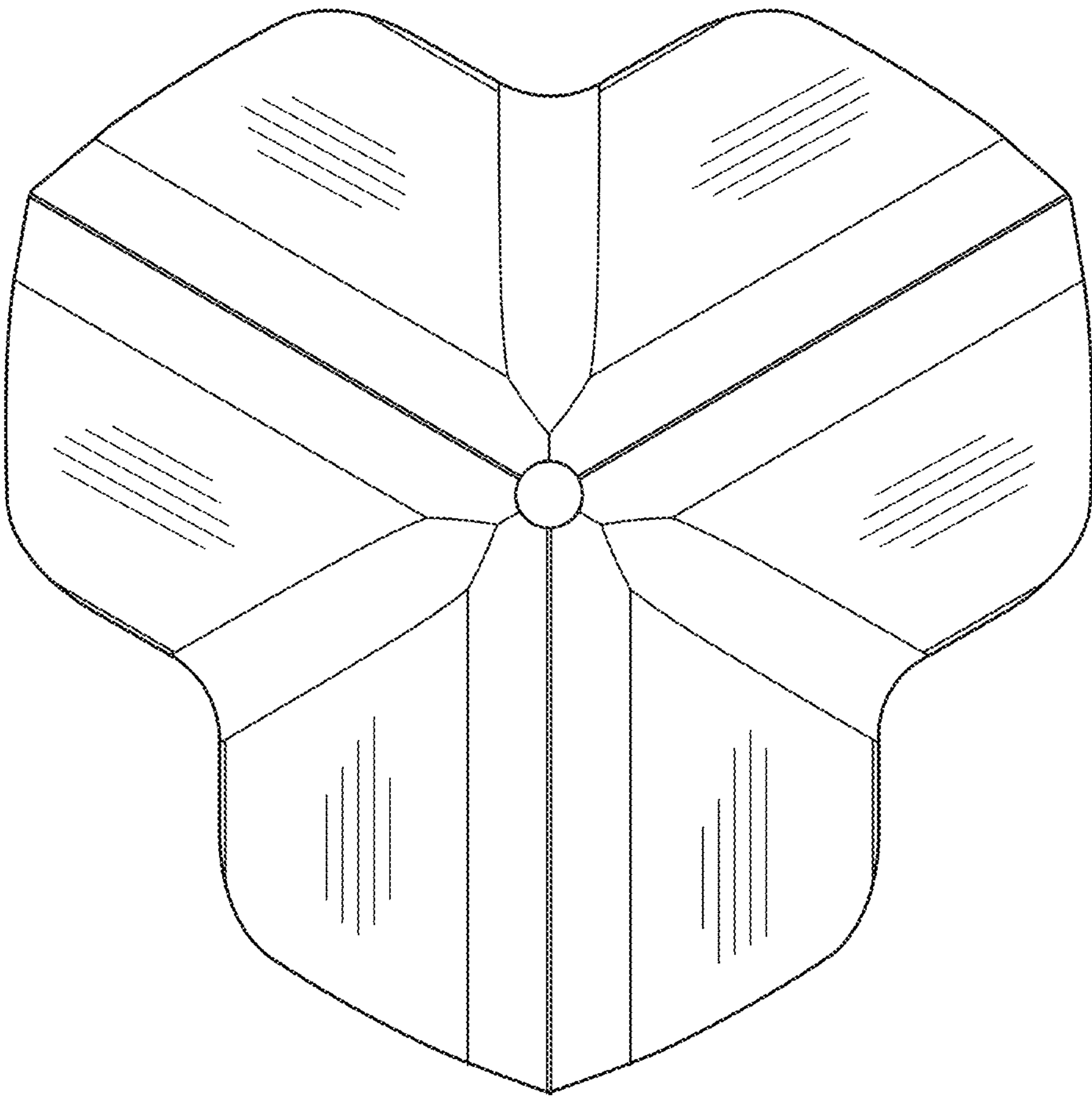


Fig. 4

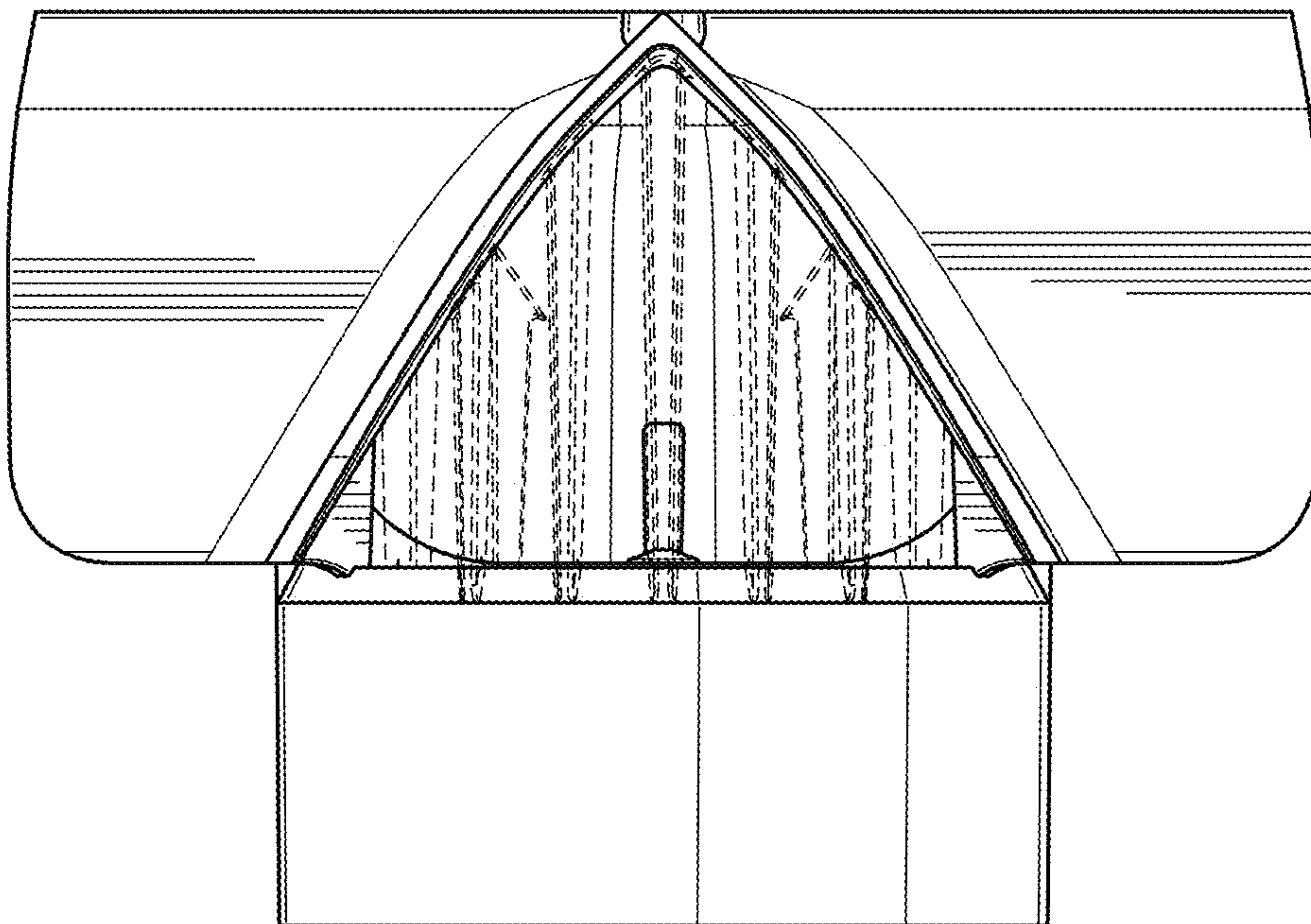


Fig. 5

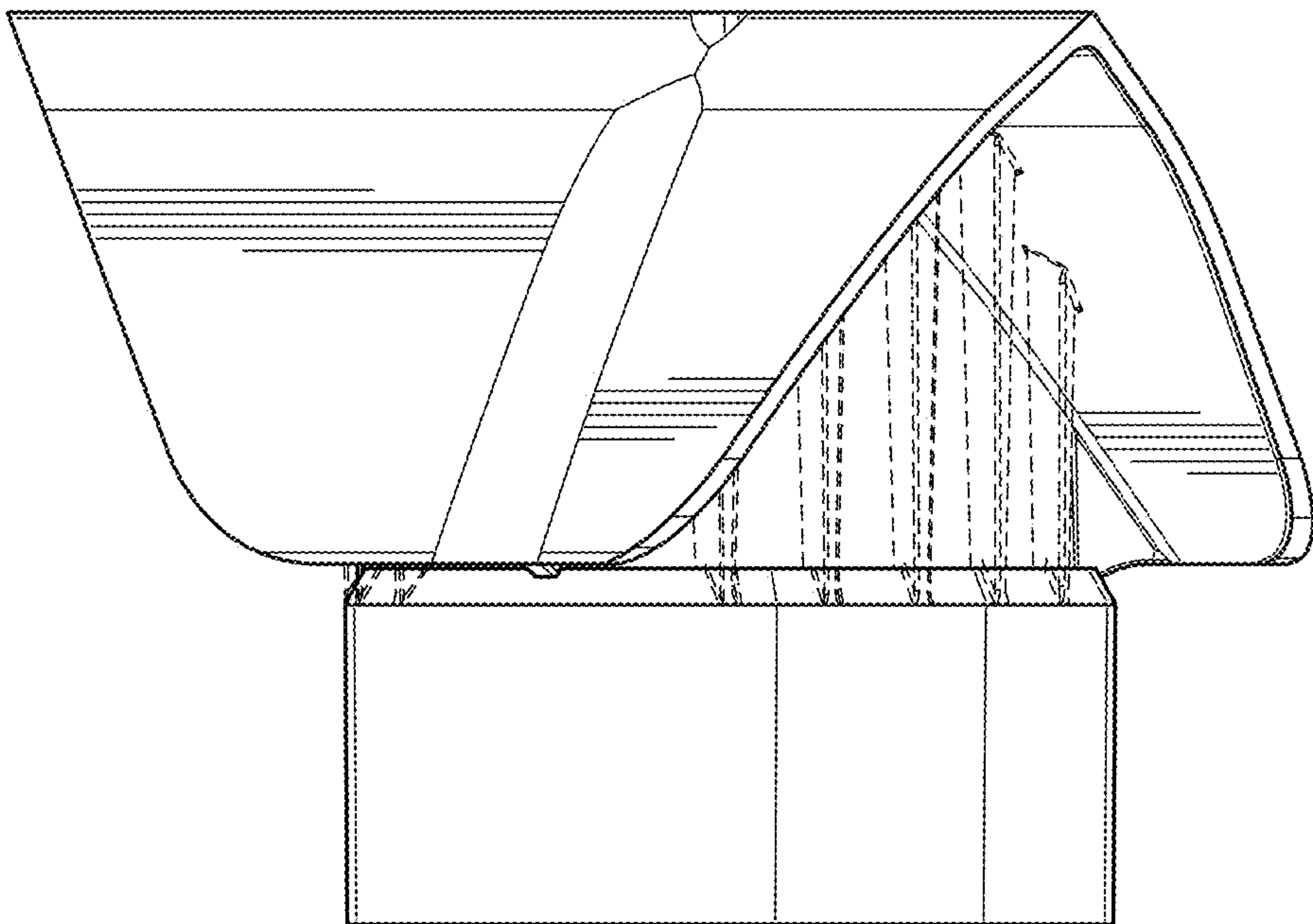


Fig. 6

