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(12) **United States Design Patent**
Engler et al.

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(54) **TUBE CAP**

(71) Applicant: **P&P IMPORTS LLC**, Irvine, CA (US)

(72) Inventors: **Peter Engler**, Newport Beach, CA (US); **Peter Tanoury**, Newport Beach, CA (US); **Willis Santamaria**, Diamond Bar, CA (US)

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

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(51) **LOC (14) Cl.** **09-07**

(52) **U.S. Cl.**
USPC **D9/452**

(58) **Field of Classification Search**

USPC D7/387, 391, 392.1, 396.1, 396.2, 396.6, D7/388, 402, 403, 9, 523, 526, 530; D9/414, 415, 434, 435, 436, 438, 439, D9/440, 442, 443, 445, 446, 448, 449, D9/452, 453, 454, 455, 456, 499, 503, D9/504, 549, 558, 721, 761, 695, 708, D9/729; D3/201, 273, 318, 319, 323, 10, D3/17, 29; D23/209, 258, 259, 260, 261; D24/127, 162, 193, 194, 197, 199, 224, D24/227; D17/20; D8/300; D28/76, 84; D14/217, 432; D21/698.706, 711, 771
CPC B25B 13/5008; B25B 15/008; B65D 1/02; B65D 1/0233; B65D 1/08; B65D 1/10; B65D 41/14; B65D 41/16; B65D 41/3428; B65D 55/16; B65D 43/169; B65D 43/26; B65D 43/08; B65D 2543/00972; B65D 2525/285; B65D 2525/286; B65D 2525/287; B65D 2525/288; B65D 53/02; A47G 19/24; B67D 3/00; A24F 40/00

See application file for complete search history.

(56) **References Cited**

U.S. PATENT DOCUMENTS

D59,448 S * 10/1921 Zimmermann D26/134
D91,110 S * 11/1933 Goldberg et al. D26/136

D93,505 S * 10/1934 Perry D9/453
D102,741 S * 1/1937 Bloomfield D9/447
D103,269 S * 2/1937 Reisenberg D9/442
D138,080 S * 6/1944 Derhap D9/453
D142,625 S * 10/1945 Derham D9/453
D153,583 S * 5/1949 Breen D9/453

(Continued)

OTHER PUBLICATIONS

Yorker Dispensing Caps: Announced (Nov. 22, 2022 (online). Site Visited (Sep. 25, 2022). Available from Internet URL: https://www.amazon.com/Yorker-Dispensing-Overcap-Sealer-Replacement/dp/B07DHDWFCV/ref=sr_1_13?crd=1V87NAMMRM53B&keywords=cap%E2%80%A6+1%2F7&th=1.*

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Primary Examiner — Catherine S Posthauer

(74) *Attorney, Agent, or Firm* — Siamak S. Hefazi; Casey H. Kempner

(57) **CLAIM**

The ornamental design for a tube cap, as shown and described.

DESCRIPTION

FIG. 1 is a perspective view of a tube cap showing our new design;

FIG. 2 is a bottom plan view of the tube cap shown in FIG. 1;

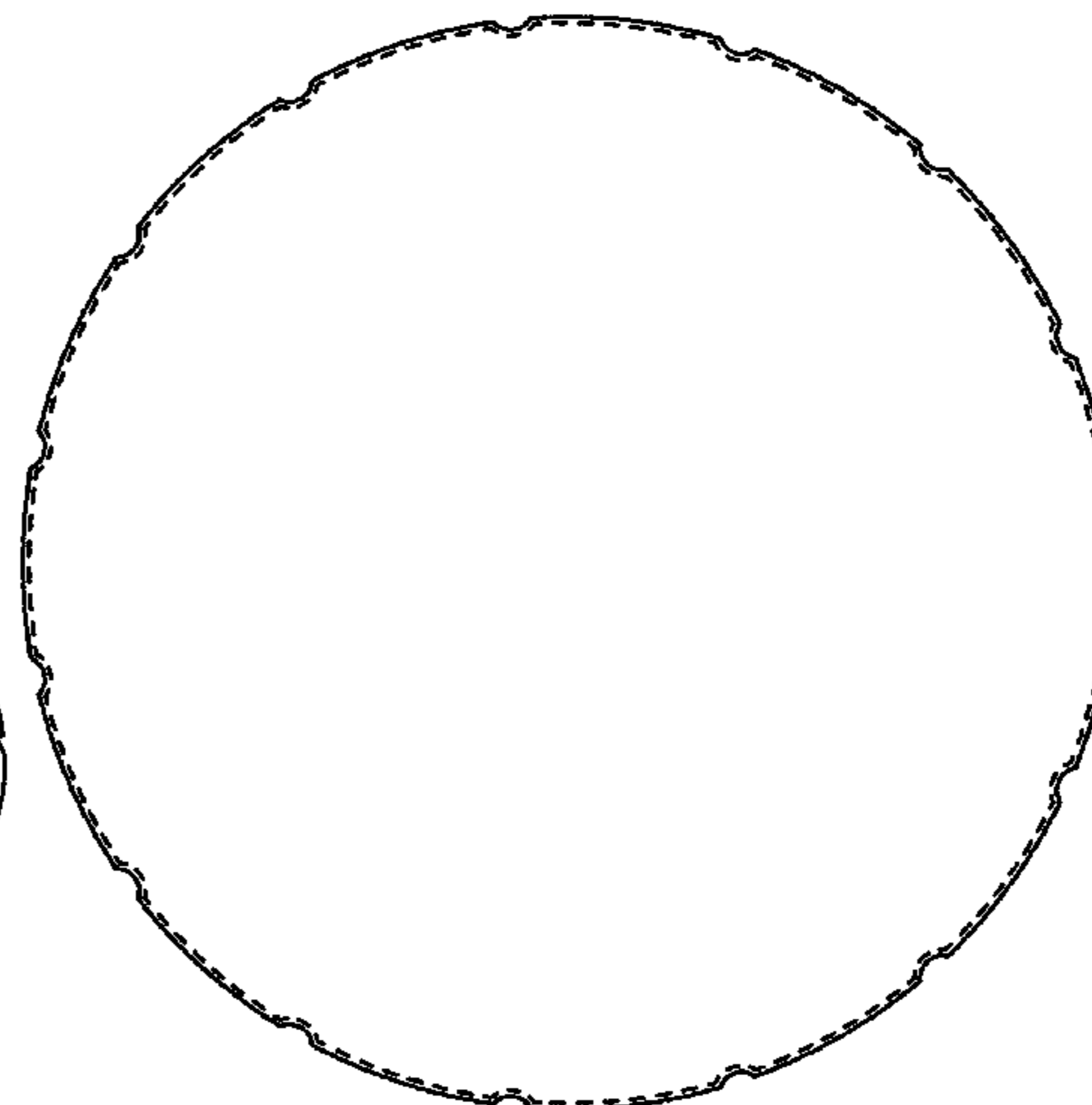
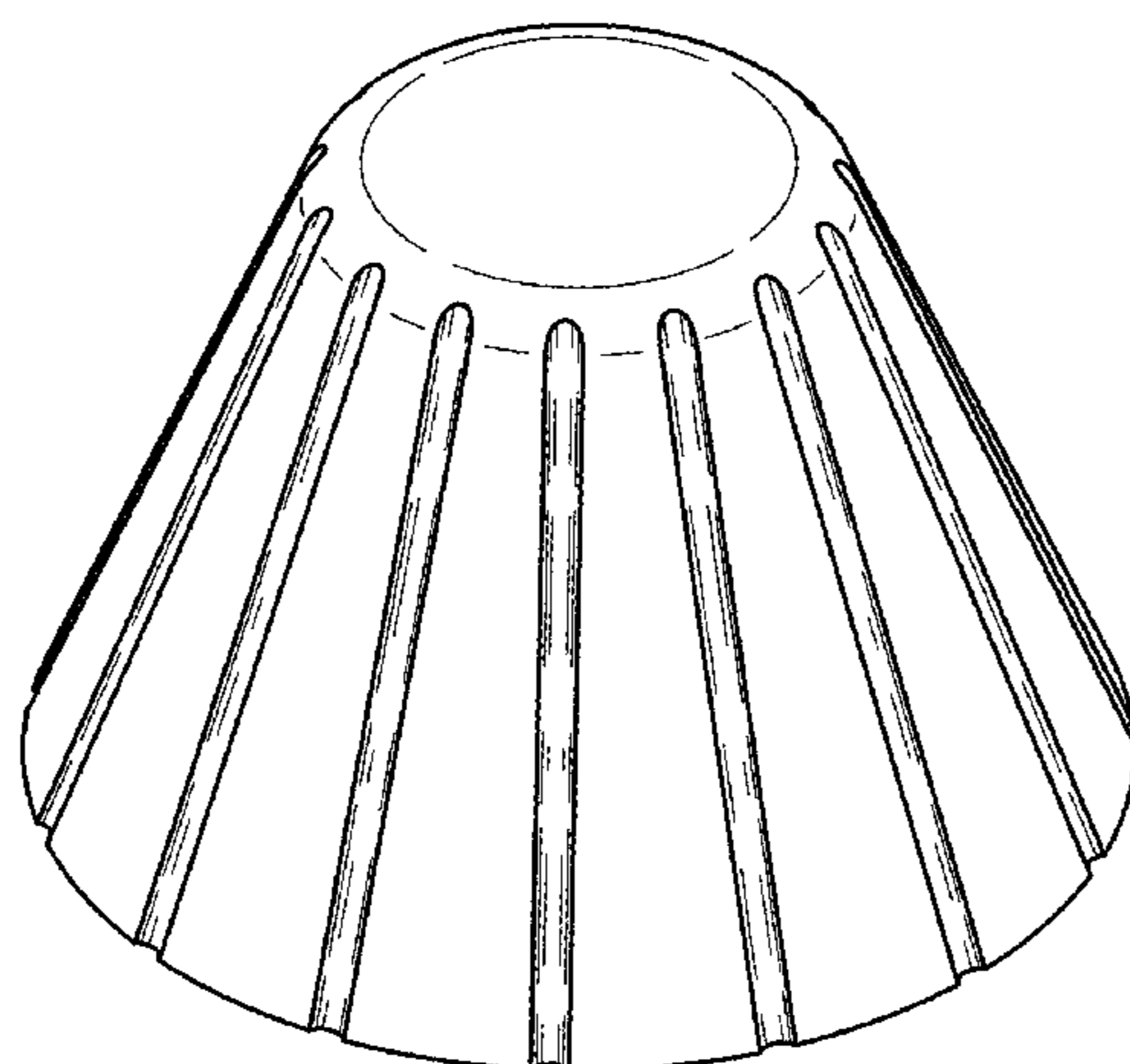
FIG. 3 is a top plan view of the tube cap shown in FIG. 1; FIG. 4 is a right-side elevational view of the tube cap shown in FIG. 1;

FIG. 5 is a left-side elevational view of the tube cap shown in FIG. 1; and,

FIG. 6 is a front elevational view of the tube cap shown in FIG. 1, the back elevational view being a mirror image of the front elevational view.

The broken lines in the figures show portions of the design that form no part of the claimed design.

1 Claim, 6 Drawing Sheets



(56)

References Cited

U.S. PATENT DOCUMENTS

D153,946 S * 5/1949 Jung D9/453
 D181,629 S * 12/1957 Cochran D9/453
 D192,456 S * 3/1962 Neupert D9/453
 D198,059 S * 4/1964 Vanderhyde D9/452
 D201,403 S * 6/1965 Utz D9/452
 D205,427 S * 8/1966 Schwartzman D9/447
 D208,508 S * 9/1967 Klein D9/453
 D214,080 S * 5/1969 Mori D26/134
 D235,960 S * 7/1975 Widdows D7/391
 D242,616 S * 12/1976 Meyerhoff D12/214
 D279,080 S * 6/1985 Negishi D9/453
 H803 H * 8/1990 Sherrington D9/453
 D314,172 S * 1/1991 Whitley, II D23/260
 D320,940 S * 10/1991 Reece D9/453
 D396,638 S * 8/1998 Demarest D9/448
 D419,716 S * 1/2000 Parrochia D26/118
 D436,846 S * 1/2001 Millon D9/708
 D444,383 S * 7/2001 Crawford D9/453
 D478,393 S * 8/2003 Alduby D26/118
 D479,801 S * 9/2003 Carmichael D9/435
 D497,413 S * 10/2004 Nelson D23/259
 D540,972 S * 4/2007 Tortel D26/118
 D555,759 S * 11/2007 Vreeland D23/209
 D569,032 S * 5/2008 Myer D26/118
 D595,537 S * 7/2009 Mansfield D9/438
 D682,696 S * 5/2013 Brown D9/454
 D725,818 S * 3/2015 Yao D26/118
 D732,878 S * 6/2015 Alexander D7/354
 D765,468 S * 9/2016 Yen D7/392.1
 D768,911 S * 10/2016 Deluca D26/118
 D801,175 S * 10/2017 Henige D9/453

D848,208 S * 5/2019 Medford D7/396.2
 D858,695 S * 9/2019 Chen D23/209
 D881,268 S * 4/2020 Kuramoto D17/99
 D890,889 S * 7/2020 Liu D23/261
 D908,496 S * 1/2021 Domnine D9/453
 D917,301 S * 4/2021 Park D9/708
 D927,047 S * 8/2021 Mullen D26/118
 D931,043 S * 9/2021 Huang D7/396.6
 D946,348 S * 3/2022 Huang D7/396.6
 D949,691 S * 4/2022 Juna D9/452
 D951,914 S * 5/2022 Wan D14/217
 2009/0218415 A1 * 9/2009 Faires A61L 9/12
 239/60

OTHER PUBLICATIONS

13 mm snap caps: Site Viisted (Sep. 25, 2022). Available from Internet URL: https://www.universalmedicalinc.com/13mm-snap-caps-for-13mm-glass-and-evacuated-tubes-and-12mm-plastic-test-tubes-polyethylene-single-thumb- . . . 1/8.*
 Jar Openers: Announced (Nov. 25, 2021). Site Visited (Sep. 27, 2022). Available from URL: https://www.amazon.com/Openers-Gripper-Multi-Purpose-Reusable-Seniors/dp/B09MJYSPNP/ref=sr_1_100_sspa?crd=2PWNOYA9XR8M3&keywords=container%2BBlid%2Bwith%2Bfinger%2Bgrips&qid=1664309448&srefix=container%2BBlid%2Bwith%2Bfinger%2Bgrips%2Caps%2C167&sr=8-100-spons&th=1.*
 Tube Cap: Announced Sep. 21, 2001 (Online). Site Visited (Oct. 31, 2022). Available from URL: https://www.turbosquid.com/3d-models/maya-tube/154342.*

* cited by examiner

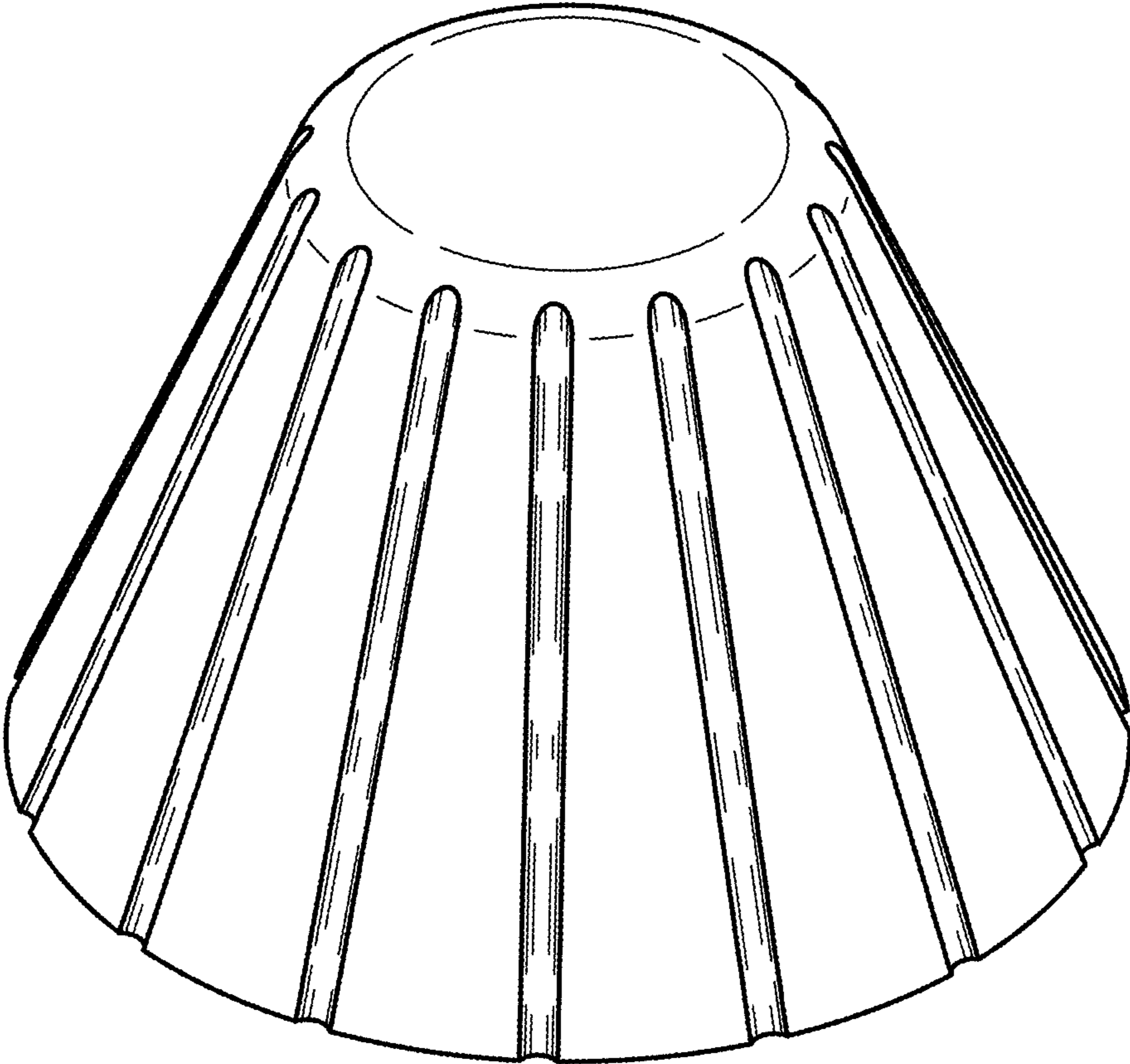


FIG. 1

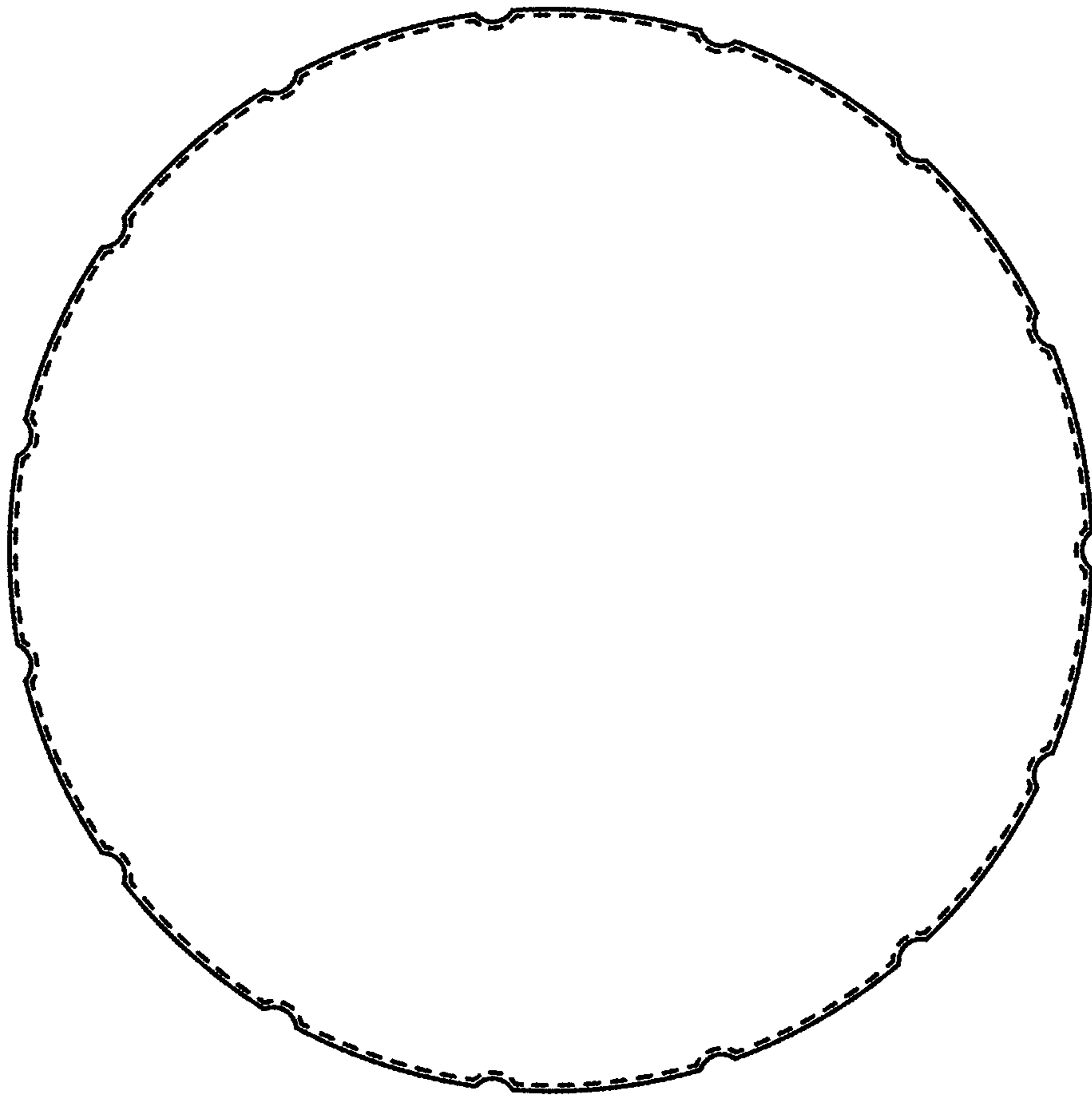


FIG. 2

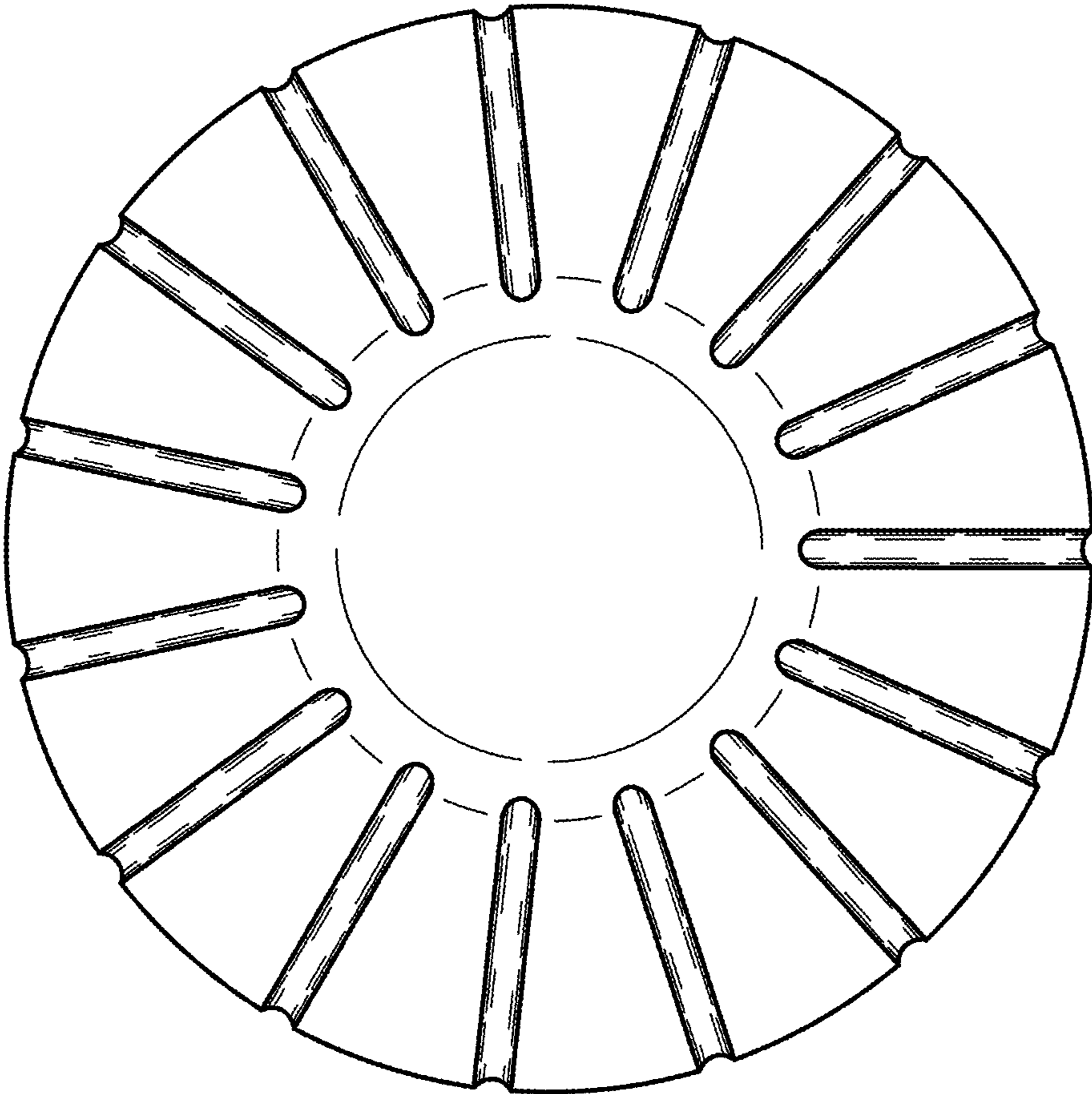


FIG. 3

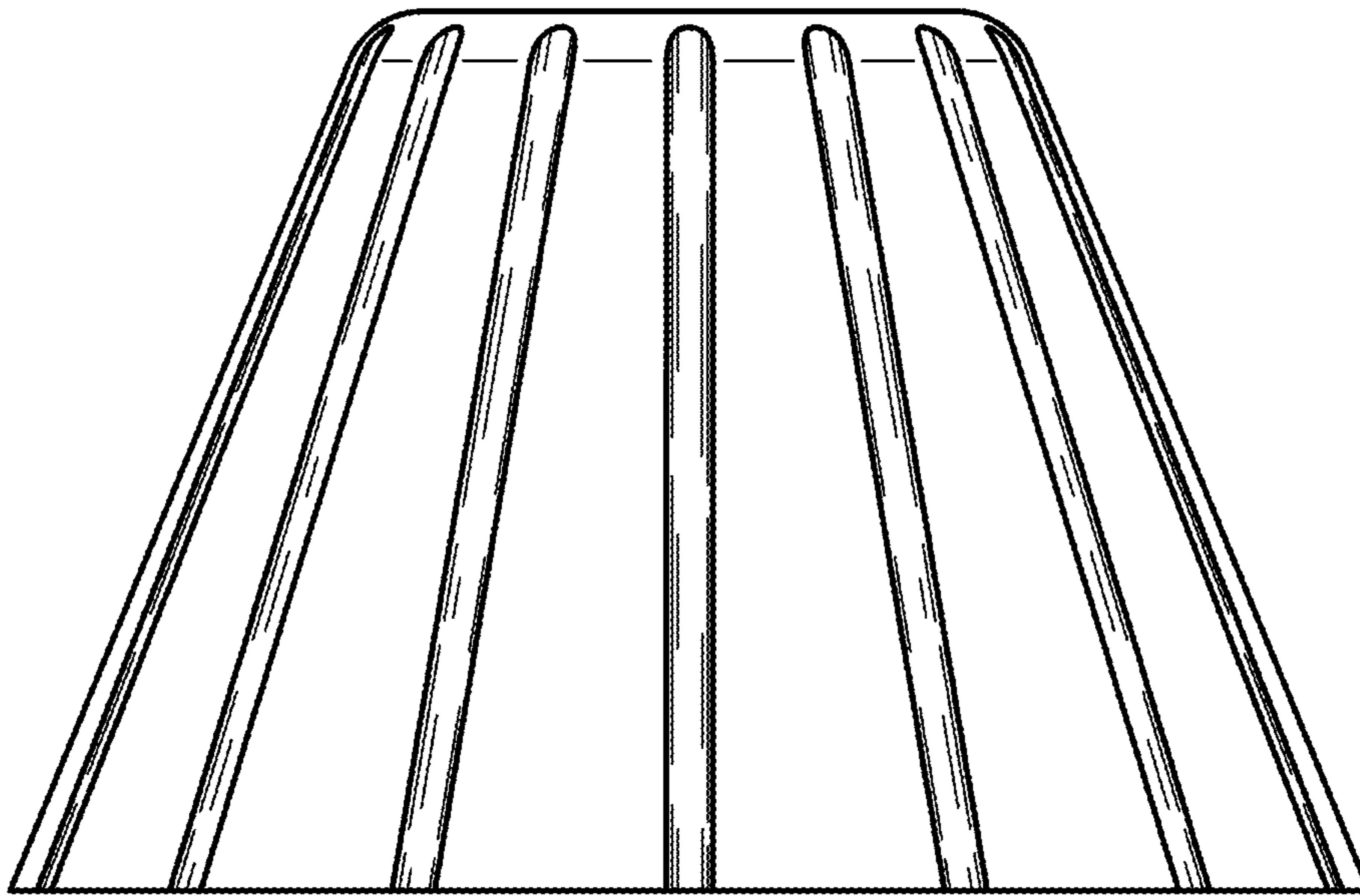


FIG. 4

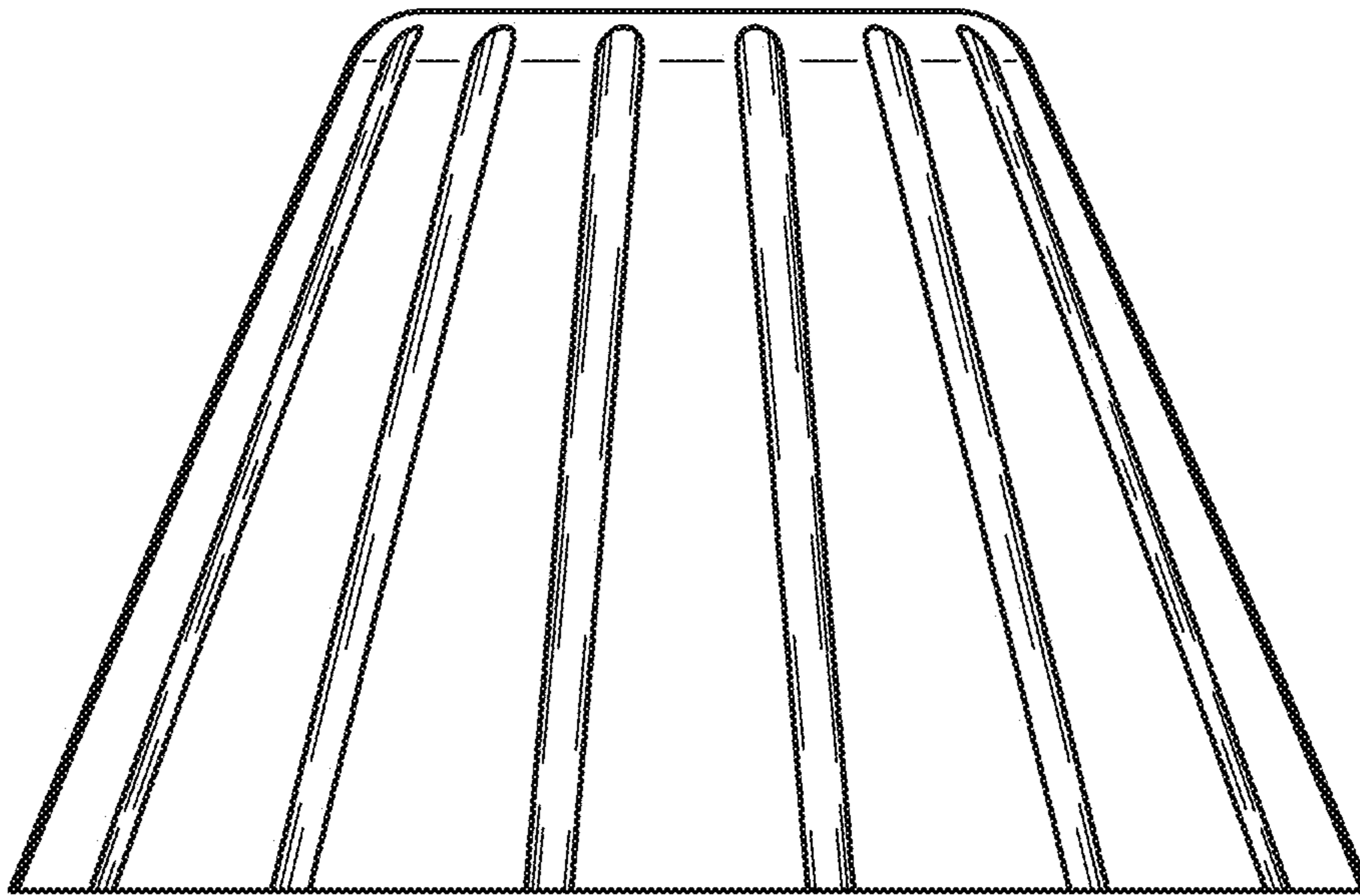


FIG. 5

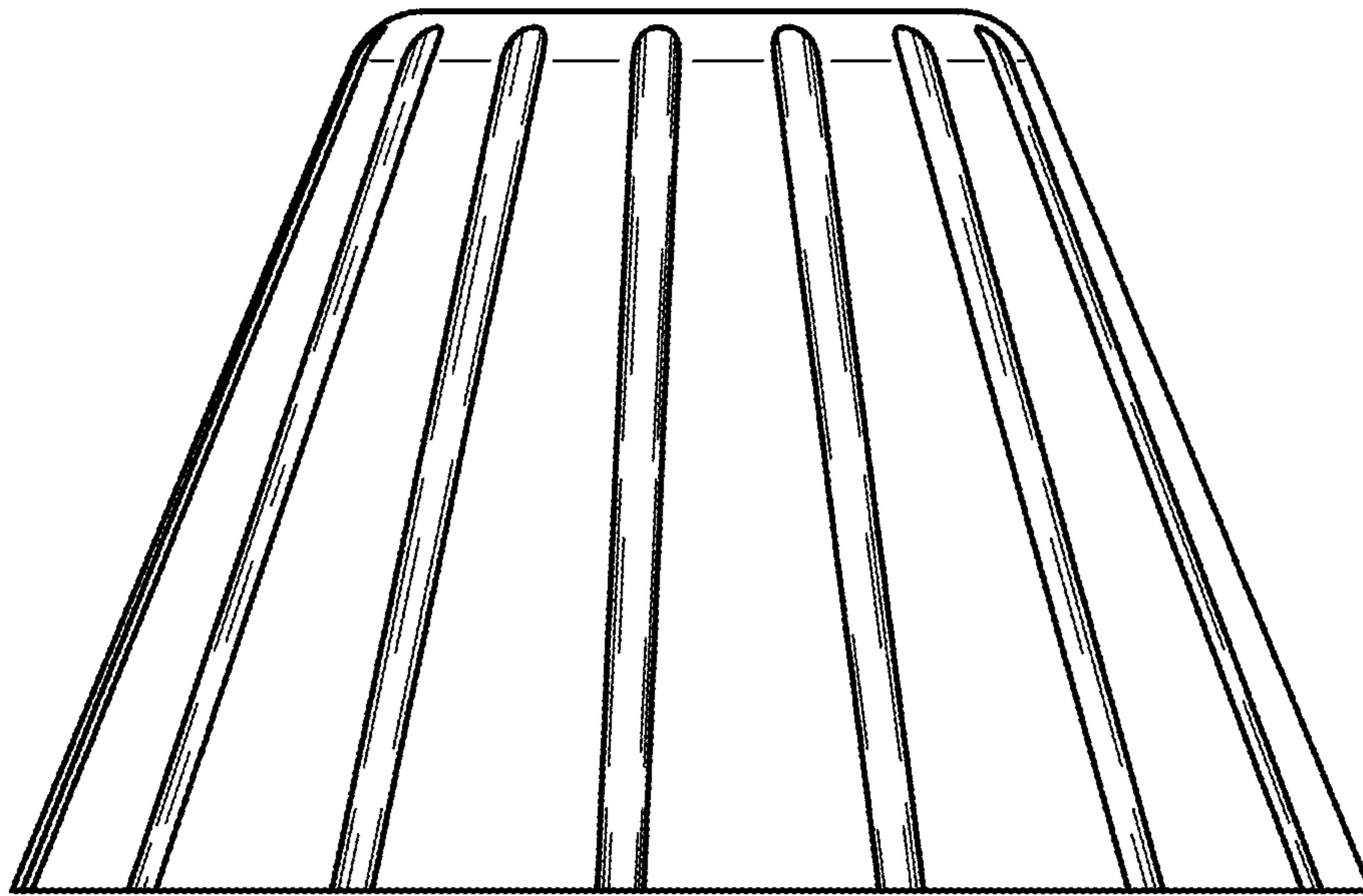


FIG. 6