



US0D1043934S

(12) **United States Design Patent** (10) **Patent No.: US D1,043,934 S**
Weilert et al. (45) **Date of Patent: ** Sep. 24, 2024**

(54) **FIRE PIT AND STAND**

FOREIGN PATENT DOCUMENTS

(71) Applicant: **SOLO BRANDS, LLC**, Grapevine, TX (US)

CN 2035756 U 4/1989
CN 302540626 S 8/2013

(Continued)

(72) Inventors: **Jeffrey R. Weilert**, Southlake, TX (US); **Alexander K. Maghsadi**, Lewisville, TX (US)

OTHER PUBLICATIONS

(73) Assignee: **SOLO BRANDS, LLC**, Grapevine, TX (US)

Amazon Tabletop Fire Pit, Iron Energy Saving Stand Feet Compact Wood Burning Firepit Smokeless for Courtyard (Black) <https://a.co/d/cn0cEG7> Retrieved on Oct. 17, 2023 (Year: 2023).*

(Continued)

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

Primary Examiner — Ania Aman

(21) Appl. No.: **29/865,766**

(74) Attorney, Agent, or Firm — HAYNES AND BOONE, LLP

(22) Filed: **Aug. 11, 2022**

(51) **LOC (14) Cl.** **23-03**

(57) **CLAIM**

(52) **U.S. Cl.**

The ornamental design for a fire pit and stand, as shown and described.

USPC **D23/332**

(58) **Field of Classification Search**

DESCRIPTION

USPC D23/314, 332, 334, 335, 336, 337, 338, D23/339, 340, 341, 342, 343, 347; D7/337, 332, 339

CPC F24C 1/16; F24C 5/00; F24C 3/14; A47J 33/00; A47J 37/0763; A47J 37/07; F24B 1/18; F24B 1/182; F24B 1/1808; F24B 1/181; F24B 1/195; F24B 1/191

See application file for complete search history.

This application is related to U.S. Design patent application No. 29/865,767, filed Aug. 11, 2022, entitled Fire Pit Stand, the entire disclosure of which is hereby incorporated herein by reference.

This application is also related to U.S. patent application No. 17/886,239, filed Aug. 11, 2022, entitled Portable Stove with Folding Stand, the entire disclosure of which is hereby incorporated herein by reference.

(56) **References Cited**

U.S. PATENT DOCUMENTS

| | | | |
|-------------|---------|----------------|---------------|
| 113,231 A | 11/1872 | Lapaire et al. | |
| 591,371 A | 10/1897 | Howard | |
| 685,194 A | 10/1901 | Young | |
| 904,188 A | 11/1908 | Engle | |
| 936,482 A | 10/1909 | Seeley | |
| 1,298,762 A | 4/1919 | Milligan | |
| D54,374 S * | 2/1920 | Brown | D23/338 |
| D54,930 S | 4/1920 | Knapp | |
| D74,996 S | 4/1928 | Wolcott | |

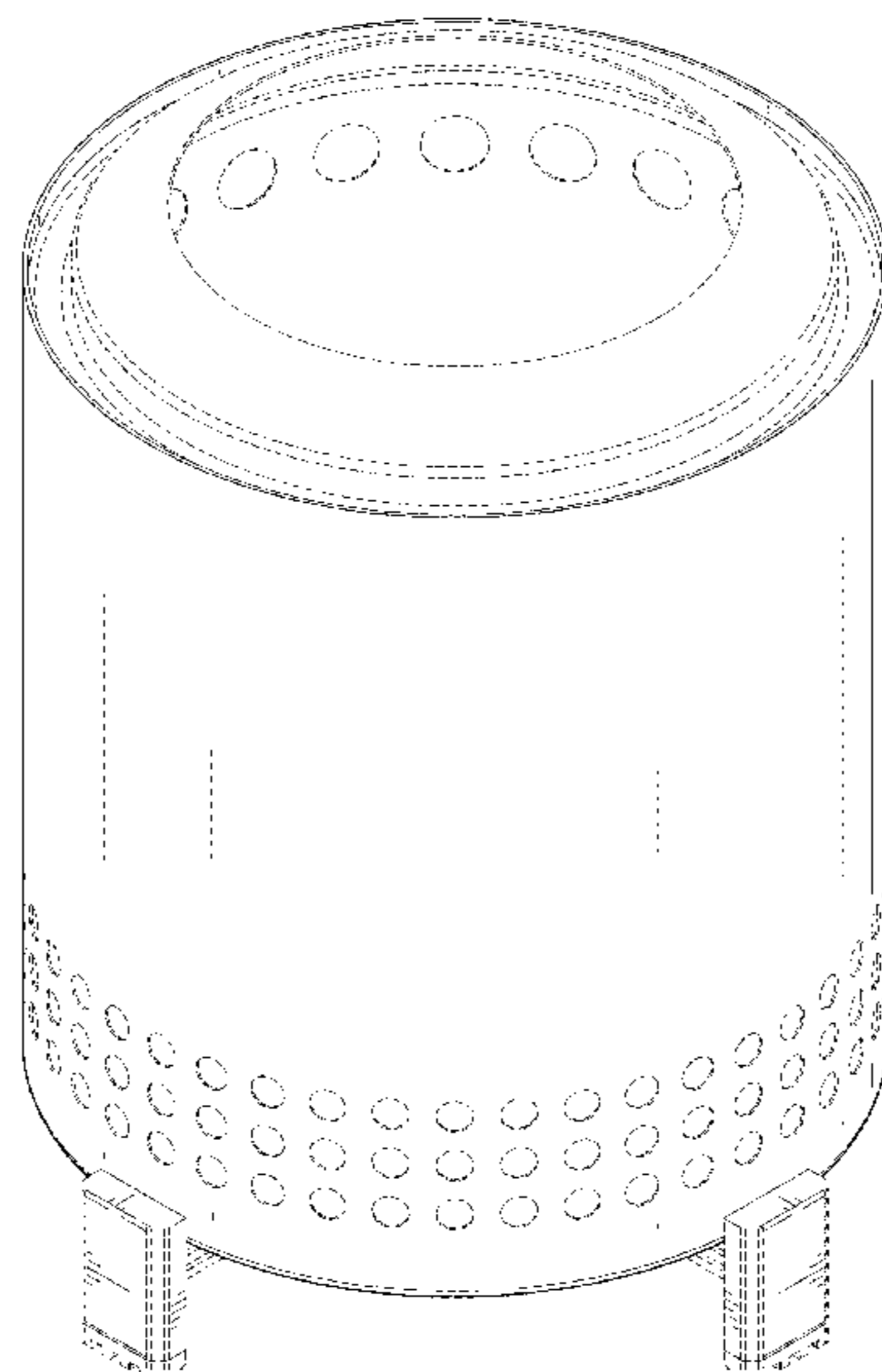
FIG. 1 is a top, front, left perspective view of a fire pit and stand showing our new design; and, FIG. 2 is a front elevational view thereof.

The equally-dashed broken lines shown in FIGS. 1-2 are included for the purpose of illustrating portions of the fire pit and stand that form no part of the claimed design.

The surface shadings and contour lines shown in FIGS. 1-2 represent the three-dimensional character and contour of the fire pit and stand.

(Continued)

1 Claim, 2 Drawing Sheets



(56)

References Cited

U.S. PATENT DOCUMENTS

1,694,175 A 12/1928 Hauser
 D100,012 S 6/1936 Ford
 2,614,553 A 10/1952 Cox et al.
 2,722,883 A 11/1955 Rignell
 2,738,225 A 3/1956 Meek
 D196,018 S 8/1963 Palmer et al.
 RE26,123 E 12/1966 Davis
 3,331,365 A * 7/1967 Sussan A47J 37/0763
 126/25 R
 3,756,218 A 9/1973 Simpson
 3,765,397 A 10/1973 Henderson
 D229,013 S 11/1973 Storandt
 D229,277 S 11/1973 Chan
 3,790,081 A 2/1974 Thornton et al.
 3,937,138 A 2/1976 Tidwell
 3,951,082 A 4/1976 Leggett et al.
 D258,259 S 2/1981 Lindholm
 D258,712 S 3/1981 Jacobson
 D273,264 S 4/1984 Elliston
 4,572,724 A 2/1986 Rosenberg et al.
 4,735,135 A 4/1988 Walker
 4,903,683 A 2/1990 Larsen et al.
 4,909,235 A 3/1990 Boetcker
 5,024,208 A 6/1991 Hottenroth et al.
 5,117,558 A 6/1992 Hull
 D355,809 S 2/1995 Kothrade
 D358,204 S 5/1995 Ferrier
 5,490,452 A 2/1996 Schlosser et al.
 D379,900 S 6/1997 Gillam et al.
 5,638,808 A 6/1997 Home
 5,651,356 A 7/1997 Kaines
 5,687,704 A 11/1997 Lerch et al.
 5,797,386 A 8/1998 Orr
 5,809,988 A 9/1998 Wagner
 5,842,463 A 12/1998 Hall
 6,024,081 A 2/2000 Libertini, Jr.
 D422,452 S 4/2000 Persson
 D426,686 S 6/2000 Clausen et al.
 D435,191 S 12/2000 Cooper
 6,196,121 B1 3/2001 Crowl
 6,196,215 B1 3/2001 Chandaria
 D442,422 S 5/2001 Dabney
 D444,991 S 7/2001 Measom
 6,314,955 B1 11/2001 Boetcker
 6,393,717 B1 5/2002 Santos et al.
 6,488,023 B2 12/2002 Pecoskie
 6,532,950 B2 3/2003 Meurer
 6,609,514 B1 8/2003 Bertolas
 6,615,821 B1 9/2003 Fisenko
 D488,023 S 4/2004 Siegel et al.
 D491,409 S 6/2004 Siegel et al.
 D495,552 S 9/2004 Siegel et al.
 6,962,148 B1 11/2005 Ashbaugh
 D531,849 S 11/2006 Turner
 D534,756 S 1/2007 Jensen
 D607,265 S 1/2010 Gaunaurd, III
 D612,191 S 3/2010 Taber et al.
 D612,662 S 3/2010 Lorenz et al.
 D618,038 S 6/2010 Davies et al.
 7,810,484 B2 10/2010 Schlosser et al.
 D644,474 S 9/2011 Wilgus et al.
 D652,591 S 1/2012 Kim
 8,087,410 B2 1/2012 Gregory
 D658,426 S 5/2012 Saunders
 8,272,601 B2 9/2012 Kocher
 D683,999 S 6/2013 Karlsson
 8,668,949 B2 3/2014 Wilson et al.
 D701,721 S 4/2014 Jan
 D722,212 S 2/2015 Kim et al.
 D722,733 S 2/2015 Kim et al.
 8,991,382 B1 3/2015 Mau
 D743,131 S 11/2015 Jeon et al.
 D753,357 S 4/2016 Song et al.
 D755,557 S * 5/2016 Stout D7/332
 9,328,928 B2 5/2016 Wehr

9,844,300 B2 12/2017 Cedar et al.
 D813,581 S 3/2018 Denby et al.
 10,098,502 B2 10/2018 Ohler et al.
 10,125,995 B2 11/2018 Kohli
 10,222,092 B1 3/2019 Traeger
 D858,729 S 9/2019 Scott
 D878,690 S 3/2020 Fitzgerald et al.
 10,743,712 B2 8/2020 Skillman
 D914,858 S 3/2021 Jan
 D923,163 S * 6/2021 Jan D23/343
 11,092,342 B2 8/2021 Harrington et al.
 D965,123 S * 9/2022 Heller D23/343
 D984,842 S * 5/2023 Evans D7/332
 2001/0035178 A1 * 11/2001 Pecoskie F24C 1/16
 126/50
 2006/0219233 A1 10/2006 Sorenson et al.
 2007/0039603 A1 2/2007 Lindsly et al.
 2007/0137634 A1 6/2007 Traeger et al.
 2009/0165772 A1 7/2009 Hunt et al.
 2010/0043775 A1 2/2010 Phillips et al.
 2011/0180527 A1 7/2011 Abbott
 2012/0017884 A1 1/2012 Van Den Hoff et al.
 2012/0060819 A1 * 3/2012 Hunt A47J 36/2477
 220/573.1
 2012/0145139 A1 6/2012 Deeds
 2012/0222668 A1 9/2012 Unger
 2014/0007778 A1 1/2014 Marks et al.
 2014/0026765 A1 1/2014 Fou et al.
 2014/0165993 A1 6/2014 Ahmed
 2014/0238378 A1 * 8/2014 Scott F24B 1/181
 126/55
 2015/0068512 A1 3/2015 Mehler et al.
 2015/0110939 A1 4/2015 Benson et al.
 2015/0211743 A1 7/2015 DeFoort et al.
 2016/0245529 A1 8/2016 McClean
 2017/0059178 A1 3/2017 Lando et al.
 2017/0205068 A1 7/2017 Anderson
 2017/0363325 A1 12/2017 Diurlin et al.
 2019/0059649 A1 * 2/2019 Perthou A47J 37/0704
 2019/0313851 A1 10/2019 Shemp
 2019/0323711 A1 * 10/2019 Charlson F24B 3/00
 2020/0049344 A1 2/2020 Masterson
 2020/0224879 A1 7/2020 Scott
 2020/0309369 A1 10/2020 Jan et al.
 2021/0018180 A1 1/2021 Jan et al.
 2021/0048188 A1 2/2021 Harrington et al.
 2021/0199301 A1 7/2021 Poggi et al.
 2021/0274970 A1 9/2021 Stoltzfus
 2021/0282592 A1 9/2021 Jan et al.
 2022/0186931 A1 6/2022 Jan et al.
 2022/0186935 A1 * 6/2022 Wang F24C 3/126
 2022/0228747 A1 * 7/2022 Weilert F24B 1/191
 2023/0018453 A1 * 1/2023 Crandon A47J 37/0704

FOREIGN PATENT DOCUMENTS

CN 303111901 S 2/2015
 CN 304882431 S 11/2018
 CN 305060945 S 3/2019
 DE 202013002524 U 6/2013
 GB 4019113 3/2011
 JP H-10-323289 A 12/1998
 JP 2000-342462 A 12/2000
 JP 2001161169 A 6/2001
 JP 2003-190011 A 7/2003
 KR 20-0295935 B1 11/2002
 KR 10-0898493 B1 5/2009
 KR 1020200122766 A 10/2020
 WO WO-2017078762 A1 5/2017
 WO WO2018160767 A1 9/2018
 WO 2021111262 A2 6/2021

OTHER PUBLICATIONS

Microsoft Bing Visual search results Retrieved on Oct. 17, 2023
 (Year: 2023).*

(56)

References Cited

OTHER PUBLICATIONS

Tineye Results p. 21 <https://tineye.com/search/6f9899c18bdc2ddc3fde4ffdeb53e226e56f5ce0?sort=score&order=desc&page=21> (Year: 2023).*

Amazon.com: COOZOOM 19 Inch Large Smokeless Fire Pit with Stand Portable Stainless Steel Bonfire Stove Outdoor Wood Burning Firepit for Camping Outside with Carry Bag; retrieved online on Dec. 16, 2022; 8 pages.

Amazon.com: Hi Flame 20.5inch Bonfire Fire Pit Smokeless Stainless Steel Outdoor Firepit Backyard Natural Wood Burning Firebowl No Gas or Propane Required (Large); retrieved online on Dec. 16, 2022; 9 pages.

Amazon.com: thermomate Large Outdoor Fire Pit, 17x16.5 Inch Stainless Steel Round Firepit Bowl Wood Burning, Smokeless Fire Pit for Outside Patio Backyard, Portable Camping Fire Pit; retrieved online on Dec. 16, 2022; 10 pages.

International Search Authority, International Search Report and Written Opinion, for PCT/US2019/067850, mailed Mar. 12, 2020, 4 pages.

Extended European Search Report for corresponding European Patent Application No. 19904751, dated Jul. 27, 2022; 8 pages.

Monty Scott: "Pellet Fire Pit," Published Oct. 5, 2016, XP55943712, Retrieved from the Internet, URL:<https://www.youtube.com/watch?v=bB-UJGoMahA>, retrieved Jul. 18, 2022; 2 pages.

Perforated Tart Ring, announced May 1, 2014[online], [site visited Apr. 9, 2020]. Available from internet, URL:<[https://www.amazon.com/PERFORATED-Round-Stainless-0-75-Inch-3-Inch/dp/BOOB8KM BO4](https://www.amazon.com/PERFORATED-Round-Stainless-0-75-Inch-3-Inch/dp/BOOB8KM%20BO4)> (Year: 2014).

Precision Wide Width Perforated Circles Steel Mens Ring, reviewed Oct. 30, 2018[online], [site visited Apr. 9, 2020]. Available from internet, URL:<<https://www.tribalhollywood.com/products/mens-ring-stainless-steel-perforated-circles-wide-width-bico-australia-precision-ar6?variant=36286560067>> (Year: 2018).

Bonfire Stand, reviewed Aug. 16, 2018[online], [site visited Apr. 9, 2020]. Available from internet, URL:<<https://www.homedepot.com/p/Solo-Stove-Bonfire-Stand-BON-STAND/309224139>> (Year: 2018).

International Search Authority, International Search Report and Written Opinion, ISA/KR, PCT/US2019/063180, Mar. 26, 2020, 10 pages.

International Search Authority, International Search Report and Written Opinion, for PCT/US2021/020687, mailed Aug. 5, 2021, 11 pages.

Solo Stove, webpage capture: <https://www.solostove.com/solo-stove-bonfire>, 2017, 8 pages.

Screen captures from YouTube video clip entitled "Solo Stove Bonfire: Best Gear of 2017," 4 pages, uploaded on May 14, 2017 by user "Canadian Prepper". Retrieved from Internet: https://www.youtube.com/watch?v=Vo_J_fWq5g.

Camping stove, <https://www.kickstarter.com/projects/340672218/solo-stove-campfire-backpack-camp-survive/description>, 21 pages (2014).

Korean Intellectual Property Office, International Search Report and Written Opinion, PCT/US2022/011365, May 3, 2022, 12 pages.

International Search Report and Written Opinion for related International Application No. PCT/US2023/071938, mailed Nov. 28, 2023; 9 pages.

* cited by examiner

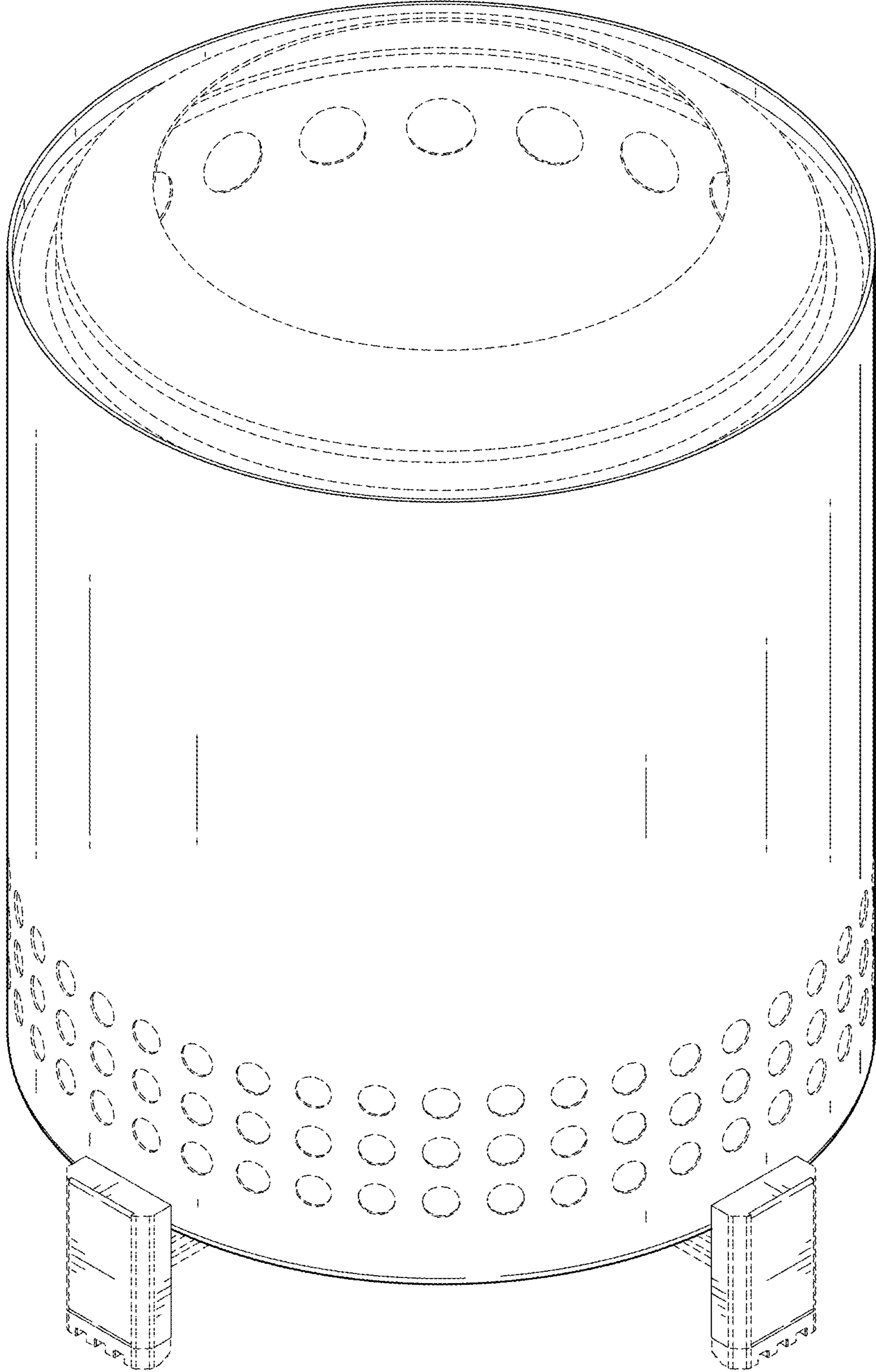


FIG. 1

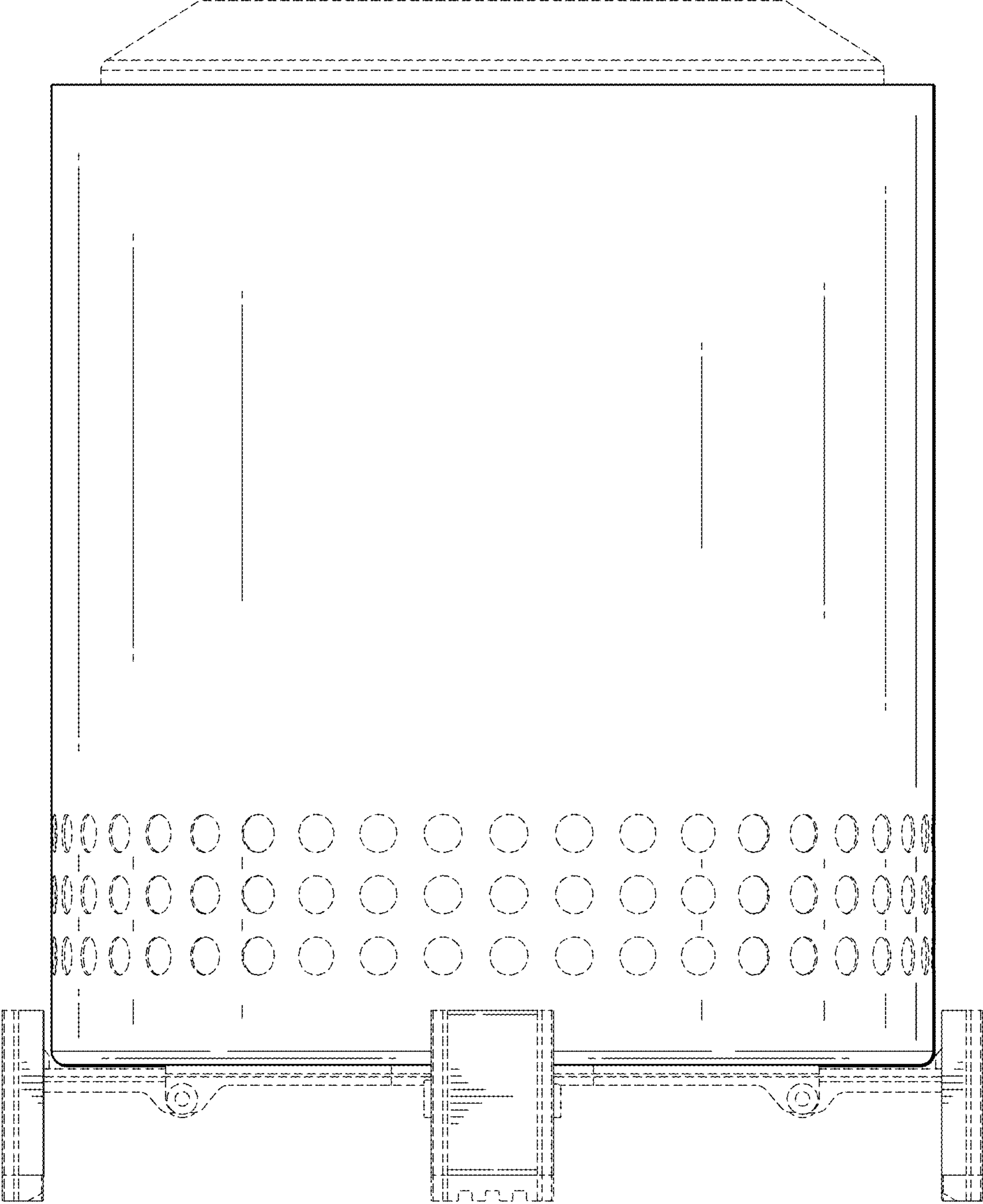


FIG. 2