

US00D842450S

(12) **United States Design Patent** (10) **Patent No.:** **US D842,450 S**
Rivera (45) **Date of Patent:** **** Mar. 5, 2019**

(54) **FIRE BURNER**

FOREIGN PATENT DOCUMENTS

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KR 2002-0030653 4/2002

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OTHER PUBLICATIONS

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Pic-187705448-stock-photo-natural-gas from TinEye, image post date Apr. 21, 2014, site visited Jul. 23, 2018, (online), <https://www.tineye.com/search/9a8c609ca646a8e0fa372d2623b1602c861e0176/?extension_ver=>.*

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

(Continued)

(21) Appl. No.: **29/609,746**

(22) Filed: **Jul. 5, 2017**

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Related U.S. Application Data

(62) Division of application No. 29/529,245, filed on Jun. 4, 2015, now Pat. No. Des. 791,930.

(51) **LOC (11) Cl.** **23-03**

(52) **U.S. Cl.**
USPC **D23/415**

(58) **Field of Classification Search**
USPC D23/402, 403, 407, 409, 410, 415
CPC A47J 37/0786; A47J 37/108; A47J 36/34;
F21K 9/23; F21S 10/04; F21S 10/046;
F21V 17/02; F21V 17/06; F21V 17/10;
F23D 14/06; F23D 14/065; F23D 14/26;
F23D 14/58; F23D 14/586; F23D 14/60;
F23D 14/74; F23R 3/14; F23R 3/28;
F24B 1/181; F24B 1/189; F24B 1/193;
F24B 1/195; F24B 15/002; F24C 3/006;
F24C 3/008; F24C 3/085; F24C 7/004;
F24C 15/005; F24C 15/101; F24C
15/107; G01F

(Continued)

(56) **References Cited**

U.S. PATENT DOCUMENTS

751,350 A 2/1904 Schutz
836,145 A 11/1906 Schutz

(Continued)

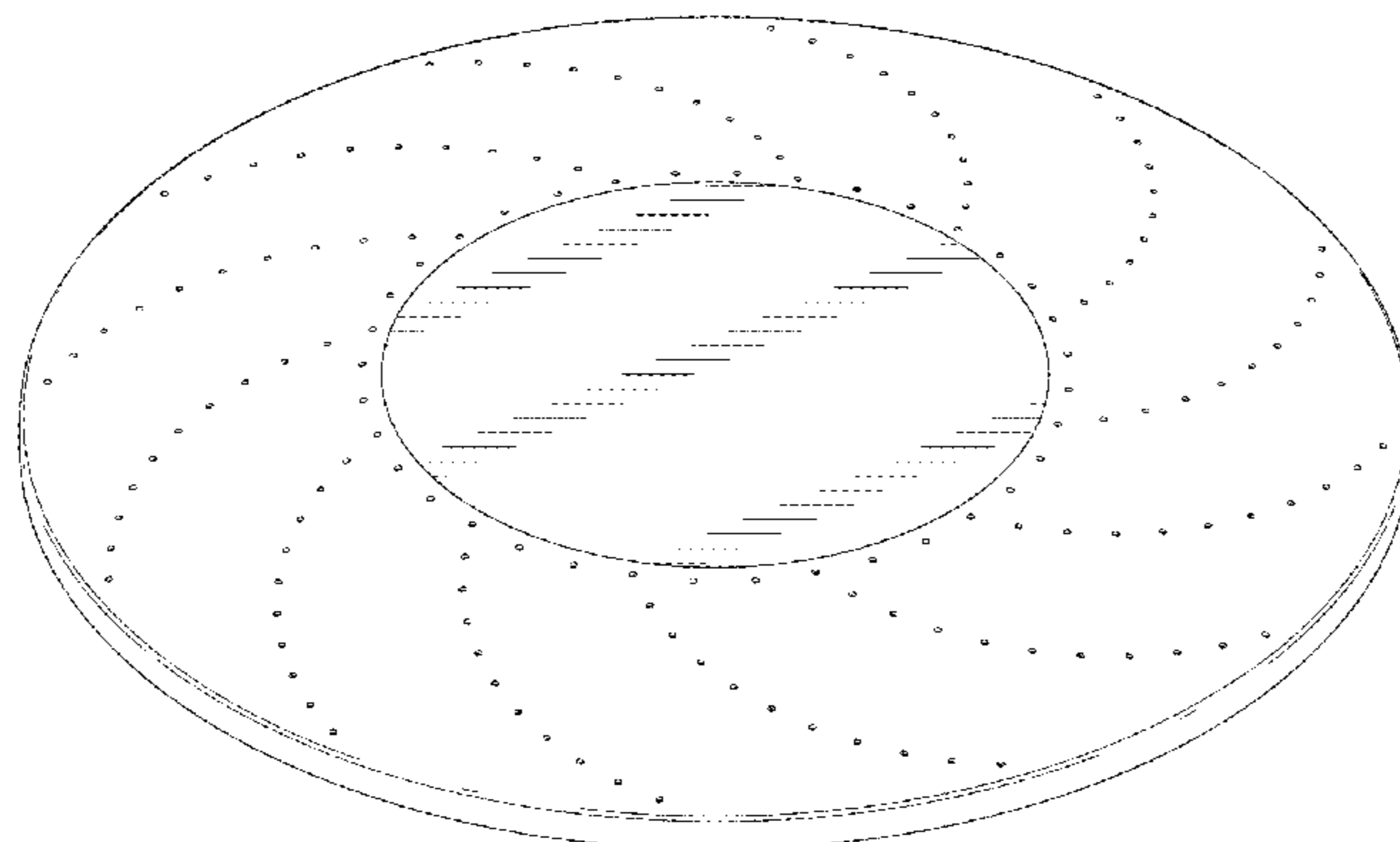
(57) **CLAIM**

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

DESCRIPTION

FIG. 1 is a top isometric view of an embodiment of the design for the fire burner;
FIG. 2 is a bottom isometric view thereof;
FIG. 3 is an exploded top isometric view thereof;
FIG. 4 is an exploded bottom isometric view thereof;
FIG. 5 is an exploded side view thereof;
FIG. 6 is a top view thereof;
FIG. 7 is a bottom view thereof;
FIG. 8 is a front side view thereof;
FIG. 9 is a back side view thereof;
FIG. 10 is a left side view thereof;
FIG. 11 is a right side view thereof; and,
FIG. 12 is an enlarged detail view of a portion of FIG. 7. The portions of the fire burner shown in broken lines are for illustrative purposes only and form no part of the claimed design. The dash-dot broken lines define the area corresponding to the enlarged portion of the article of manufacture indicated on FIG. 7 and shown in FIG. 12 and said dash-dot broken lines form no part of the claimed design.

1 Claim, 8 Drawing Sheets



(58) **Field of Classification Search**
 CPC 11/18; G07F 11/18; G07F 13/02; G07F
 17/00; G09F 19/00; H01K 7/06; H05B
 37/02
 See application file for complete search history.

(56) **References Cited**

U.S. PATENT DOCUMENTS

1,087,768 A 2/1914 Hoffman
 1,367,333 A 2/1921 Truesdell
 1,367,581 A 2/1921 Bassford
 1,445,208 A 2/1923 Forward
 1,471,039 A 10/1923 Lee
 1,569,967 A 1/1926 Danielsen
 1,613,534 A 1/1927 Norman
 1,618,808 A 2/1927 Burg
 1,808,120 A 6/1931 Runkwitz
 1,808,550 A 6/1931 Harpman
 1,814,998 A 7/1931 Yocum
 1,917,275 A 7/1933 Rossman et al.
 1,961,643 A 6/1934 Roth
 2,020,349 A 11/1935 Bennett et al.
 2,145,263 A 1/1937 Huntzinger et al.
 2,085,220 A 6/1937 Howlett
 2,118,988 A 5/1938 Sorenson
 2,136,100 A 11/1938 Crossman
 2,136,708 A 11/1938 Patrick
 2,143,259 A 1/1939 Clarkson
 2,164,225 A 6/1939 Walker
 2,198,647 A 4/1940 Wolcott
 2,220,532 A 11/1940 Lombardi
 2,227,608 A 1/1941 Tinnerman
 2,422,918 A 6/1947 Mills
 2,464,791 A 3/1949 Bonvillian et al.
 2,465,712 A 3/1949 Clarkson
 2,477,721 A 8/1949 Chesser et al.
 2,502,664 A 4/1950 Nest
 2,515,845 A 7/1950 Van Den Bussche
 2,526,437 A 10/1950 Themascus, Sr.
 2,546,402 A 3/1951 Ofeldt
 2,561,200 A 7/1951 Hess
 2,565,039 A 8/1951 Mueller
 2,652,890 A 9/1953 Morck, Jr. et al.
 2,787,318 A 4/1957 Wolfersperger
 2,883,797 A 4/1959 Eldred
 2,897,330 A 7/1959 Hopkins
 2,932,528 A 4/1960 Miller et al.
 3,019,721 A 2/1962 Haapala
 3,079,855 A 3/1963 Valis
 3,185,202 A 5/1965 Mitchell et al.
 3,212,426 A 10/1965 Lewus
 3,226,038 A 12/1965 Brady et al.
 3,254,695 A 6/1966 Brödlin
 3,301,172 A 1/1967 Haro
 3,315,655 A 4/1967 Stone et al.
 3,323,508 A 6/1967 Holman
 3,333,526 A 8/1967 Kirkpatrick
 3,347,404 A 10/1967 McIntyre
 3,414,709 A 12/1968 Tricault
 3,465,894 A 9/1969 Setecka
 3,478,890 A 11/1969 Allsop
 3,516,573 A 6/1970 Mizuk
 3,536,018 A 10/1970 Phelps
 3,556,701 A 1/1971 Momoda et al.
 3,628,472 A 12/1971 Lausmann
 3,636,299 A 1/1972 Stewart, Jr.
 3,666,183 A 5/1972 Smith
 3,746,499 A 7/1973 Guerre et al.
 3,749,548 A 7/1973 Zink
 3,759,668 A 9/1973 Yamada et al.
 D229,277 S 11/1973 Chan
 D229,656 S 12/1973 Garcia
 3,794,952 A 2/1974 Dowis
 3,809,051 A 5/1974 Giroux
 3,847,068 A 11/1974 Beer et al.
 3,850,087 A 11/1974 Landblom et al.

3,858,529 A 1/1975 Salladay
 3,987,719 A 10/1976 Kian
 3,994,671 A 11/1976 Straitz, III
 4,014,639 A 3/1977 Froehlich
 4,021,186 A 5/1977 Tenner
 D246,627 S 12/1977 Sugiyama
 4,128,389 A 12/1978 Straitz, III
 D251,107 S 2/1979 Ottier
 4,157,889 A 6/1979 Bonnel
 4,157,890 A 6/1979 Reed
 4,159,000 A 6/1979 Iwasaki et al.
 4,175,920 A 11/1979 Guerre et al.
 4,191,437 A 3/1980 Funke
 4,192,465 A 3/1980 Hughes
 4,198,561 A 4/1980 Fujioka
 4,300,444 A 11/1981 Muse
 4,391,208 A 7/1983 Lewis
 4,432,334 A 2/1984 Holt
 4,433,885 A 2/1984 Baker
 4,436,023 A 3/1984 Takahashi
 4,454,839 A 6/1984 Gater et al.
 4,455,840 A 6/1984 Matt et al.
 4,531,505 A 7/1985 Hait et al.
 4,546,923 A 10/1985 Li
 4,561,874 A 12/1985 Colacello et al.
 D282,139 S 1/1986 Radford
 4,583,941 A 4/1986 Elperin et al.
 D286,002 S 10/1986 Brix
 4,616,626 A 10/1986 Kwan
 4,635,567 A 1/1987 Haftke et al.
 4,635,614 A 1/1987 Segroves
 4,672,900 A 6/1987 Santalla et al.
 4,687,167 A 8/1987 Skalka et al.
 4,704,955 A 11/1987 Archibald
 4,859,173 A 8/1989 Davis, Jr. et al.
 4,909,235 A 3/1990 Boetcker
 4,976,252 A 12/1990 Cianciola
 5,009,151 A 4/1991 Hungerford
 5,009,174 A 4/1991 Polak
 5,055,031 A 10/1991 Werner
 D321,810 S 11/1991 Schultz
 5,165,328 A 11/1992 Erickson et al.
 5,195,424 A 3/1993 Guajaca
 D336,009 S 6/1993 Tringali et al.
 D339,266 S 9/1993 Lockett
 5,261,336 A 11/1993 Williams
 5,307,621 A 5/1994 Glassman et al.
 5,311,673 A 5/1994 Su
 5,312,003 A 5/1994 Domenig
 5,323,693 A 6/1994 Collard et al.
 5,349,898 A 9/1994 Cheung
 5,349,899 A 9/1994 Tominaga et al.
 5,357,871 A 10/1994 Bowman
 5,359,988 A 11/1994 Hait
 5,413,087 A 5/1995 Jean
 D359,652 S 6/1995 Mendelson et al.
 5,421,271 A 6/1995 Sui
 D361,467 S 8/1995 Kabayama
 5,437,108 A 8/1995 Alseth
 5,465,651 A 11/1995 Erickson et al.
 D364,777 S 12/1995 Schlosser et al.
 D364,993 S * 12/1995 Andrea D7/407
 5,513,558 A 5/1996 Erickson et al.
 5,525,054 A 6/1996 Nakaura et al.
 D371,719 S 7/1996 Perry
 5,552,577 A 9/1996 Su
 5,558,008 A 9/1996 Jenkins
 5,566,625 A 10/1996 Young
 5,577,823 A 11/1996 Maglinger
 D382,765 S 8/1997 Kellermann
 D383,355 S 9/1997 Uter
 5,682,811 A 11/1997 Kidushim
 D387,240 S 12/1997 Simmonds et al.
 5,699,722 A 12/1997 Erickson et al.
 5,720,272 A 2/1998 Chiang
 5,755,567 A 5/1998 Licht et al.
 5,816,169 A 10/1998 MacKenzie
 5,819,718 A 10/1998 Leiser
 5,911,812 A 6/1999 Stanek et al.

(56)

References Cited

U.S. PATENT DOCUMENTS

| | | | | | | | |
|----------------|---------|-------------------|-------------------------|----------------|---------|------------------|-------------------------|
| 5,921,229 A | 7/1999 | Blake | | D623,014 S | 9/2010 | Alden et al. | |
| 5,950,526 A | 9/1999 | Hsu | | D625,558 S * | 10/2010 | Griffith | D7/407 |
| 5,964,212 A | 10/1999 | Thompson | | D627,194 S | 11/2010 | Marin | |
| 5,970,858 A | 10/1999 | Boehm et al. | | D627,195 S | 11/2010 | Marin | |
| 5,983,496 A | 11/1999 | Hermanson | | 7,841,333 B2 * | 11/2010 | Kobayashi | A47J 36/34 126/214 D |
| 5,984,662 A | 11/1999 | Barudi et al. | | D628,854 S | 12/2010 | Brattoli et al. | |
| 6,023,051 A | 2/2000 | Fellows | | 7,845,344 B2 | 12/2010 | Sorenson et al. | |
| 6,036,478 A | 3/2000 | Inada | | D636,216 S | 4/2011 | Marsh | |
| 6,041,696 A | 3/2000 | Su | | 7,934,494 B1 | 5/2011 | Schneider | |
| 6,065,466 A | 5/2000 | Baykal | | D642,675 S * | 8/2011 | Scribano | D23/415 |
| D428,305 S | 7/2000 | Berkes | | 8,015,821 B2 * | 9/2011 | Spytek | F02C 3/14 60/39.17 |
| 6,082,249 A | 7/2000 | Su | | 8,020,546 B1 | 9/2011 | Bourgeois et al. | |
| 6,092,518 A * | 7/2000 | Dane | F23D 14/06 126/214 D | 8,037,689 B2 * | 10/2011 | Oskin | F23R 3/28 60/737 |
| 6,105,487 A | 8/2000 | Nash et al. | | 8,061,348 B1 | 11/2011 | Rodriguez | |
| D431,411 S | 10/2000 | Chang | | D650,225 S | 12/2011 | Bartol et al. | |
| 6,168,422 B1 | 1/2001 | Motyka et al. | | D650,524 S | 12/2011 | Wilson et al. | |
| 6,192,669 B1 * | 2/2001 | Keller | F23R 3/425 60/804 | D655,805 S | 3/2012 | Jonovic et al. | |
| 6,201,217 B1 | 3/2001 | Moon et al. | | 8,128,399 B1 | 3/2012 | Gibson et al. | |
| D440,112 S | 4/2001 | Su | | D657,442 S | 4/2012 | Siemienczuk | |
| D442,020 S | 5/2001 | Pierick | | 8,166,870 B2 | 5/2012 | Badin | |
| D442,822 S | 5/2001 | Lin | | 8,166,893 B2 | 5/2012 | Davis | |
| 6,253,976 B1 | 7/2001 | Coleman et al. | | 8,181,640 B2 | 5/2012 | Park | |
| 6,254,489 B1 | 7/2001 | Drobnis et al. | | D661,542 S | 6/2012 | Lee | |
| 6,269,755 B1 | 8/2001 | Boswell et al. | | 8,197,250 B2 | 6/2012 | Morgan et al. | |
| 6,289,795 B1 | 9/2001 | McLemore et al. | | 8,220,449 B2 | 7/2012 | Rheault | |
| D448,604 S | 10/2001 | Cho | | D665,491 S | 8/2012 | Goel et al. | |
| D449,490 S | 10/2001 | Frederick | | 8,261,731 B2 | 9/2012 | Marsh | |
| 6,314,955 B1 | 11/2001 | Boetcker | | 8,267,257 B2 | 9/2012 | Doyal | |
| 6,354,194 B1 | 3/2002 | Hedrington et al. | | D669,730 S | 10/2012 | Mandil | |
| 6,363,842 B1 | 4/2002 | Lin | | 8,291,896 B1 | 10/2012 | Gonnella et al. | |
| 6,363,868 B1 | 4/2002 | Boswell et al. | | D671,364 S | 11/2012 | Parel et al. | |
| 6,386,192 B1 | 5/2002 | Weber | | 8,327,837 B2 | 12/2012 | Nam | |
| 6,389,961 B1 | 5/2002 | Wu | | 8,330,083 B2 | 12/2012 | Moon et al. | |
| 6,422,231 B1 | 7/2002 | Hamilton et al. | | D678,712 S | 3/2013 | Mehler | |
| 6,457,601 B1 | 10/2002 | Chappell | | 8,393,317 B2 * | 3/2013 | Sorenson | A47J 37/0786 126/246 |
| 6,484,502 B1 | 11/2002 | Kikuchi | | D679,943 S | 4/2013 | Zhou | |
| 6,494,710 B2 | 12/2002 | Kim et al. | | 8,424,450 B2 | 4/2013 | Jeon et al. | |
| 6,546,845 B1 | 4/2003 | Lanzilli | | 8,430,088 B1 | 4/2013 | Gallaher | |
| D475,571 S | 6/2003 | Hopkins | | D684,423 S | 6/2013 | Dobert et al. | |
| D476,407 S | 6/2003 | Snyder | | D684,808 S | 6/2013 | Mehler | |
| 6,591,828 B1 | 7/2003 | Schneider | | 8,469,018 B1 | 6/2013 | West | |
| 6,598,598 B1 | 7/2003 | Bratsikas | | D686,175 S | 7/2013 | Gurary et al. | |
| 6,681,757 B1 | 1/2004 | Rivero | | D686,582 S | 7/2013 | Krishnan et al. | |
| 6,701,912 B1 | 3/2004 | Siegel et al. | | D688,087 S | 8/2013 | Lee | |
| 6,708,604 B1 | 3/2004 | Deichler, Jr. | | 8,535,052 B2 | 9/2013 | Cadima | |
| D491,013 S | 6/2004 | Yang | | D690,671 S | 10/2013 | Gurary et al. | |
| 6,769,906 B1 | 8/2004 | Grove et al. | | D693,175 S * | 11/2013 | Saubert | F24C 3/085 D7/407 |
| 6,782,801 B1 | 8/2004 | Correa et al. | | D695,059 S | 12/2013 | Mehler et al. | |
| 6,841,759 B2 | 1/2005 | Elwedini | | D695,242 S | 12/2013 | Gurary et al. | |
| 6,929,001 B2 | 8/2005 | Yoon | | D699,514 S * | 2/2014 | Lovley, II | D7/359 |
| 6,936,795 B1 | 8/2005 | Moon et al. | | 8,641,413 B2 | 2/2014 | Chen et al. | |
| D518,885 S | 4/2006 | Stout, Jr. | | 8,668,070 B2 | 3/2014 | Laniado et al. | |
| 7,044,064 B2 | 5/2006 | Li | | 8,668,949 B2 | 3/2014 | Wilson et al. | |
| 7,086,823 B2 | 8/2006 | Michaud | | D706,571 S | 6/2014 | Rivera et al. | |
| 7,097,448 B2 | 8/2006 | Chesney | | D707,078 S | 6/2014 | Rivera et al. | |
| 7,137,258 B2 | 11/2006 | Widener | | D710,647 S | 8/2014 | Mandil et al. | |
| 7,219,663 B2 | 5/2007 | Cuomo | | 8,870,565 B2 | 10/2014 | Knight | |
| 7,225,633 B2 | 6/2007 | DeMars | | D729,915 S | 5/2015 | Zhang | |
| D567,166 S | 4/2008 | Bogani | | 9,091,455 B1 | 7/2015 | Coster | |
| D569,497 S | 5/2008 | Hoff | | D735,520 S | 8/2015 | Mandil | |
| D579,708 S | 11/2008 | Chen | | D735,525 S | 8/2015 | Nguyen | |
| D592,445 S * | 5/2009 | Sorenson | D7/359 | 9,138,099 B2 | 9/2015 | Dhuper et al. | |
| 7,575,002 B2 | 8/2009 | DeMars et al. | | D742,490 S | 11/2015 | Jepson | |
| D602,148 S | 10/2009 | DeFouw et al. | | D743,203 S * | 11/2015 | Filho | D7/407 |
| D604,098 S * | 11/2009 | Hamlin | D7/408 | D743,517 S | 11/2015 | Platt et al. | |
| 7,622,693 B2 | 11/2009 | Foret | | D743,531 S | 11/2015 | Biagioli et al. | |
| 7,686,010 B2 | 3/2010 | Gustavsen | | D743,532 S * | 11/2015 | Biagioli | D23/415 |
| 7,708,006 B2 | 5/2010 | Sun | | D743,733 S | 11/2015 | Lee | |
| 7,721,727 B2 * | 5/2010 | Kobayashi | F24C 3/085 126/152 B | D743,734 S | 11/2015 | Lee | |
| D621,873 S | 8/2010 | Tsai | | D749,906 S | 2/2016 | Lee | |
| D622,318 S | 8/2010 | Tsai et al. | | D752,199 S | 3/2016 | Berkman et al. | |
| D623,006 S | 9/2010 | Alden et al. | | D752,202 S | 3/2016 | Berkman et al. | |
| | | | | D758,129 S * | 6/2016 | Filho | D7/407 |
| | | | | D761,944 S | 7/2016 | Ediger et al. | |

(56)

References Cited

U.S. PATENT DOCUMENTS

D765,232 S 8/2016 Horsfield
 D766,036 S * 9/2016 Koch D7/407
 D769,054 S * 10/2016 Lee D7/352
 D774,350 S * 12/2016 Mandil D7/354
 D777,307 S * 1/2017 Rocha D23/343
 D791,930 S * 7/2017 Rivera D23/415
 D795,002 S * 8/2017 Lee D7/352
 D795,634 S * 8/2017 Lee D7/352
 9,717,340 B2 * 8/2017 Rivera A47C 1/03294
 9,743,772 B2 * 8/2017 Rivera A47C 1/03294
 D798,660 S * 10/2017 Nadal D7/407
 D799,946 S * 10/2017 Sotto D8/373
 D816,774 S * 5/2018 Edevold D21/343
 D817,697 S * 5/2018 Zhao D7/359
 D817,708 S * 5/2018 Kim D7/407
 2001/0019815 A1 9/2001 Keller
 2003/0075166 A1 8/2003 Glass
 2004/0200359 A1 10/2004 Snider
 2004/0224273 A1 * 11/2004 Inomata F23D 14/065
 431/354
 2004/0224274 A1 * 11/2004 Tomiura F23D 14/06
 431/354
 2004/0261316 A1 12/2004 Weaver
 2005/0039612 A1 2/2005 Denny
 2005/0229916 A1 10/2005 Fitzgerald
 2006/0154191 A1 7/2006 Gilioli et al.
 2006/0191528 A1 8/2006 Spangrud
 2006/0236996 A1 10/2006 Mosher et al.
 2006/0266351 A1 11/2006 Griffin
 2007/0151776 A1 7/2007 Hart
 2007/0157857 A1 7/2007 Bottemiller
 2007/0281256 A1 * 12/2007 Dodson F23D 14/02
 431/17
 2008/0044537 A1 2/2008 Manuel
 2008/0074864 A1 3/2008 Molders
 2008/0092295 A1 4/2008 Flick et al.
 2008/0188365 A1 8/2008 Dalla Piazza et al.
 2008/0217266 A1 9/2008 Doyal
 2008/0308645 A1 12/2008 Presley et al.
 2009/0020109 A1 1/2009 Rheault
 2009/0057252 A1 3/2009 Eckenrode et al.
 2009/0095168 A1 4/2009 Shu
 2009/0205626 A1 8/2009 Ferreiro Cerceda
 2009/0266351 A1 10/2009 Lee
 2010/0276414 A1 11/2010 Nam et al.
 2010/0307347 A1 12/2010 Menashes
 2010/0326420 A1 12/2010 Gasparini
 2012/0060819 A1 3/2012 Hunt et al.
 2013/0011800 A1 1/2013 Chen
 2013/0037390 A1 2/2013 Laniado et al.
 2013/0081609 A1 4/2013 Dhuper et al.
 2013/0252188 A1 9/2013 Chen
 2014/0109587 A1 4/2014 Crothers et al.
 2014/0178548 A1 6/2014 Drummond et al.
 2014/0261379 A1 9/2014 Mehler et al.
 2014/0290643 A1 * 10/2014 Potter F23C 7/004
 126/512
 2014/0299584 A1 10/2014 Foret
 2014/0319890 A1 10/2014 Rivera
 2015/0041454 A1 2/2015 Foret
 2015/0068512 A1 3/2015 Mehler et al.
 2015/0075511 A1 3/2015 Kramer
 2015/0144005 A1 5/2015 Becker
 2015/0153041 A1 6/2015 Neumeier
 2015/0226442 A1 8/2015 Alfakhrany
 2016/0138828 A1 5/2016 Meritt
 2016/0169542 A1 6/2016 Yoon
 2016/0215726 A1 7/2016 Acocella et al.
 2016/0356491 A1 * 12/2016 Rivera F24C 15/08
 2016/0370004 A1 * 12/2016 Adkins F23D 91/00
 2017/0108215 A1 * 4/2017 Yang F23D 14/06
 2017/0370575 A1 * 12/2017 Rasi F24C 3/085
 2017/0370594 A1 * 12/2017 Balderas F23D 14/045
 2018/0073730 A1 * 3/2018 Acosta Herrero F24C 3/085

OTHER PUBLICATIONS

Firenado 36-Inch Natural Gas Spiral Ring Burner, image post date 2018, site visited Jul. 23, 2018, (online), <<http://blazingembers.com/firenado-36-inch-natural-gas-spiral-ring-burner-stainless-steel/>>.*
 Detail of a gas stove burner, image post date May 21, 2016, site visited Nov. 9, 2016, (online), <http://www.gettyimages.com/detail/photo/close-up-of-a-gas-stove-burner-high-res-stock-photography/126154789> with TinEye, (online), <https://www.tineye.com/search/cfc77a27cde7e2b03fe89f662bdf5cd782ce569c/?pluginver=>, indicating a publication date of Jan. 29, 2011.
 NPL date for detail of a gas stove burner from Tin Eye, image post date May 21, 2016, site visited Nov. 9, 2016, (online), <<https://www.tineye.com/search/cfc77a27cde7e2b03fe89f662bdf5cd782ce569c/?pluginver=>>.
 Glaro Canopy Top, image post date Jan. 17, 2006, site visited Nov. 9, 2016, (online), http://web.archive.org/web/20060117024552/http://www.hippopro.com/Waste_CanopyTop.htm.
http://www.alibaba.com/product-free/111467453/Grill_Pan_Roast_Pan_Grill_Plate.html, in 2 pages, available on or before May 20, 2012.
http://www.alibaba.com/product-free/112426845/Cast_Iron_Korean_Bowl_Set.html, in 2 pages, available on or before May 20, 2012.
http://www.alibaba.com/product-gs/296152366/BBQ_Grill_Plate.html, in 2 pages, available on or before May 20, 2012.
http://www.alibaba.com/product-gs/300043200/BBQ_Grill_Plate.html, in 2 pages, available on or before May 20, 2012.
http://www.alibaba.com/product-tp/108119053/MODEL_TBP_1_BBQ_GRILL_PLATE.html, in 1 page, available on or before May 20, 2012.
http://www.alibaba.com/product-tp/108044193/MODEL_TPB_2_BBQ_GRILL_PLATE.html, in 3 pages, available on or before May 20, 2012.
http://www.amazon.com/Castiron-Marble-Coating-Stove-Outdoor/dp/B000216TAW/ref=sr_1_4?ie=UTF8&qid=1337562464&sr=8-4, in 3 pages, available on or before May 20, 2012.
http://www.amazon.com/Mongolian-BBQ-Grill-Cast-Iron/dp/B002A3AZQO/ref=sr_1_1?ie=UTF8&qid=1337562464&sr=8-1, in 4 pages, available on or before May 20, 2012.
<http://www.deal.com.sg/deals/singapore/BigBang-Bulgogi-Korean-BBQ-n-Steamboat-2-in-1-Buffer-3-Price-Options-Available>, in 5 pages, available on or before May 20, 2012.
<http://www.deal.com.sg/deals/singapore/BigBang-Bulgogi-Korean-BBQ-n-Steamboat-2-in-1-Buffer-3-Price-Options-Available>, in 9 pages, available on or before May 20, 2012 (per Internet Archive Wayback Machine, <http://web.archive.org/web/20120627072226/http://www.deal.com.sg/deals/singapore/BigBang-Bulgogi-Korean-BBQ-n-Steamboat-2-in-1-Buffer-3-Price-Options-Available>), Accessed on Oct. 14, 2016.
<http://www.eurocosm.com/Application/Products/cooking-products/architect-firepit-GB.asp>, in 3 pages, available on or before May 20, 2012.
<http://jasonandkara.com/2007/03/10/bulgogi-korean-barbeque/>, in 1 page, available on or before May 20, 2012.
http://kimchimari.com/2012/02/25/pork-bbq-dweji-bulgogi/dsc_5793-640x425/, in 5 pages, available on or before May 20, 2012.
http://queenart.en.ec21.com/Bulgogi_Grill_Pan_with_Marble-2103258_2103271.html, in 1 page, available on or before May 20, 2012.
<http://www.undercovergourmet.ca/2010/10/edmontons-best-korean-bbq/>, in 3 pages, available on or before May 20, 2012.
 Masagrill Masa Series BBQ Grill Fire Pit Insert, <http://www.wayfair.com/Masagrill-Masa-Series-BBQ-Grill-Fire-Pit-Insert-STA227-MSG1005.html>, in 3 pages, available on or before May 20, 2012.
 Oriflamme SUN Fire Table, image post date Oct. 14, 2013, site visited Aug. 6, 2016, (online), <http://tineye.com/search/0dbbf4a0146cf6a2ae5ceb8a7c389bedc98cbaa5/?sort=crawl_date&order=asc>.
 Oriflamme Swirl Burner, image post date Apr. 16, 2008, site visited Aug. 6, 2016, (online), <<http://tineye.com/search/669d5f5726c577d82506b0fbb0e400c9ac02b3d0/>>.

(56)

References Cited

OTHER PUBLICATIONS

Logarithmic spirals—patterns created using beams of light, image post date May 12, 2015, site visited Aug. 6, 2016, (online), <<http://physicsworld.com/cws/article/news/2015/may/12/swirling-light-beams-carve-intricate-patterns>>.

Rain Canopy Trash Can Lid, image post date Sep. 6, 2010, site visited Nov. 9, 2016, (online), <https://www.tineye.com/search/085ff68eeafe4e75c351fda9c670c7f7f3b81895/>.

Tropitone Fire Pit Installation and Operating Instructions, image post date Aug. 7, 2012, site visited Aug. 6, 2016, (online), <https://www.tropitone.com/sites/default/files/page_files/fire_pit_instructions_rev_e_.pdf>.

* cited by examiner

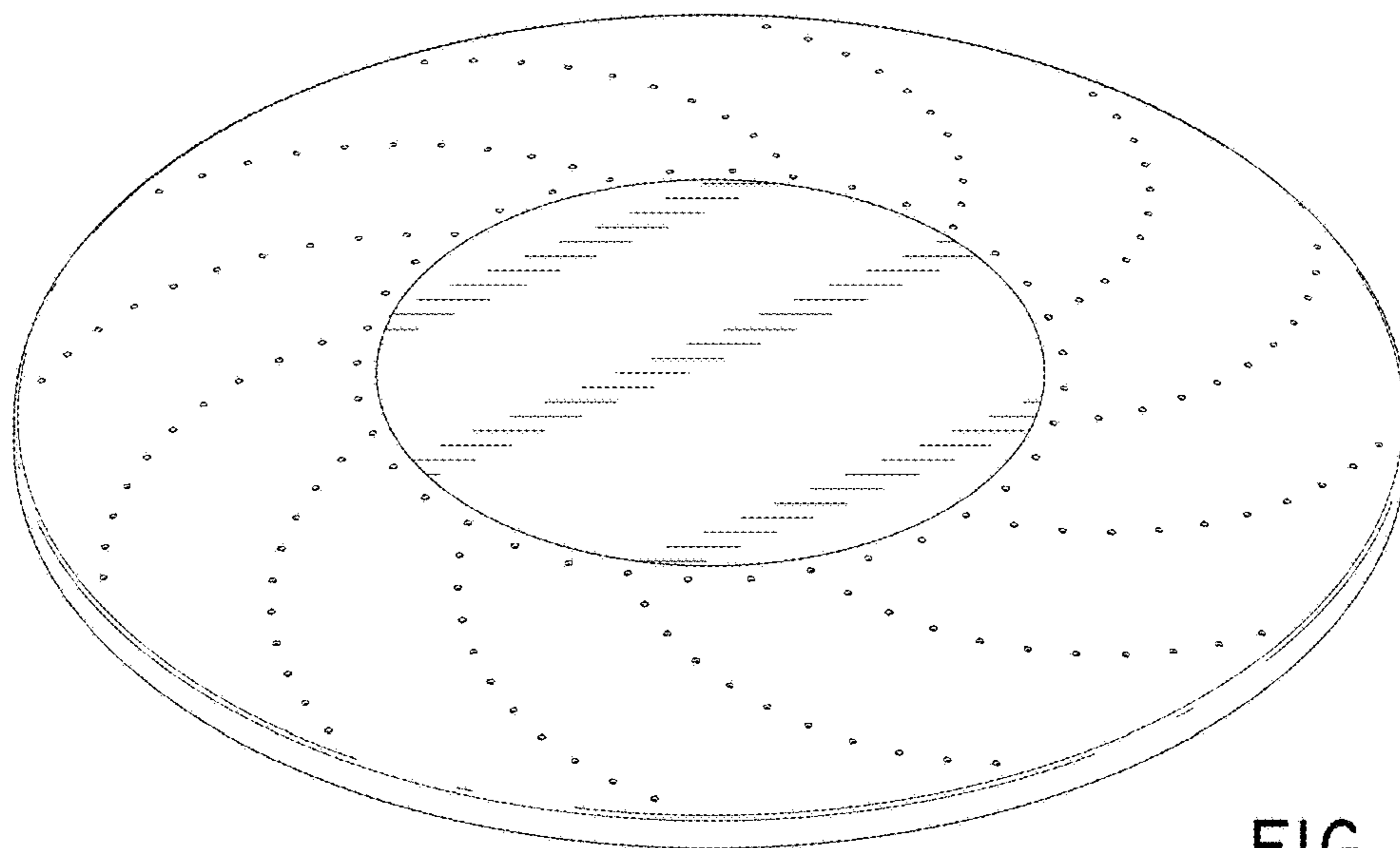


FIG. 1

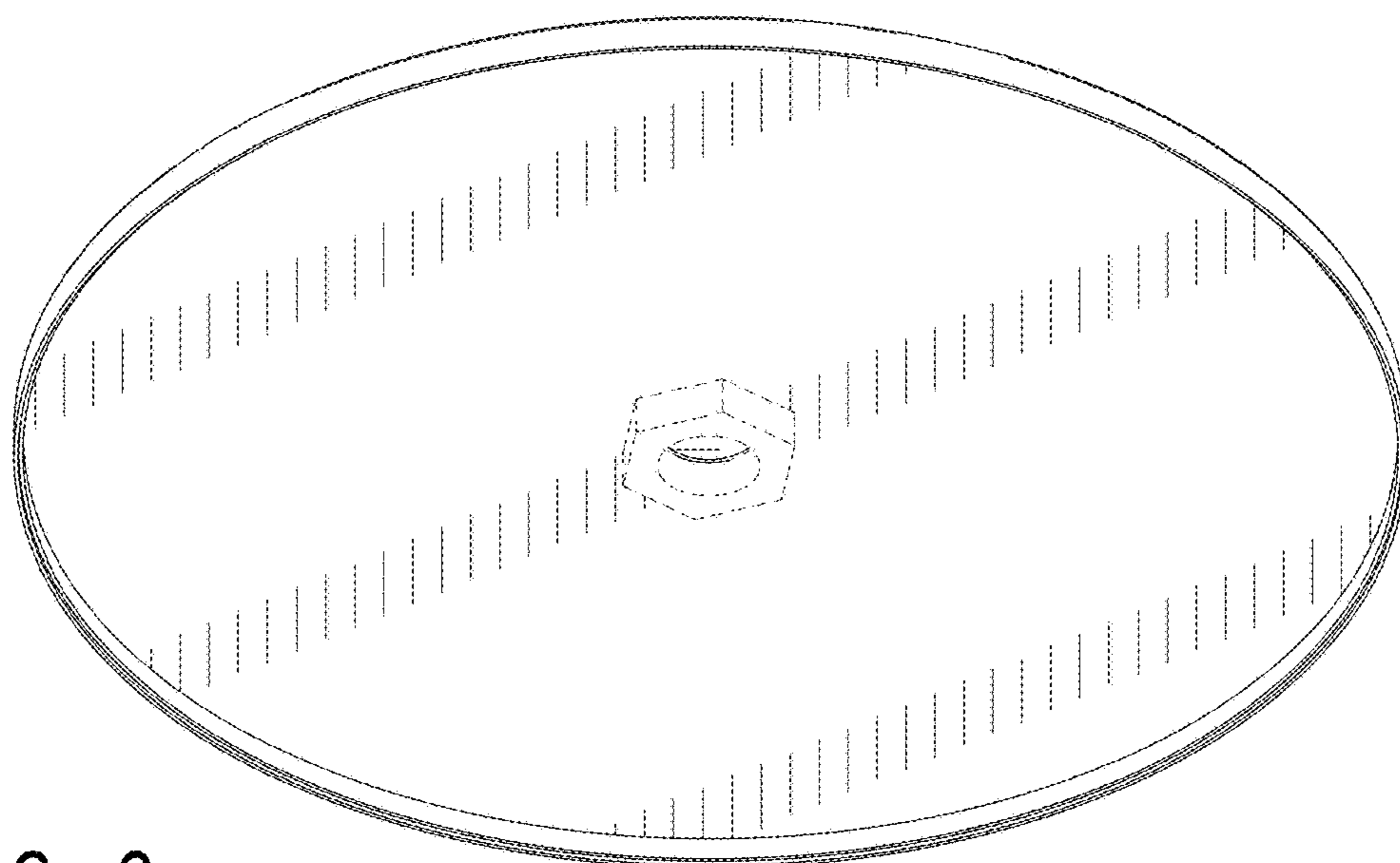


FIG. 2

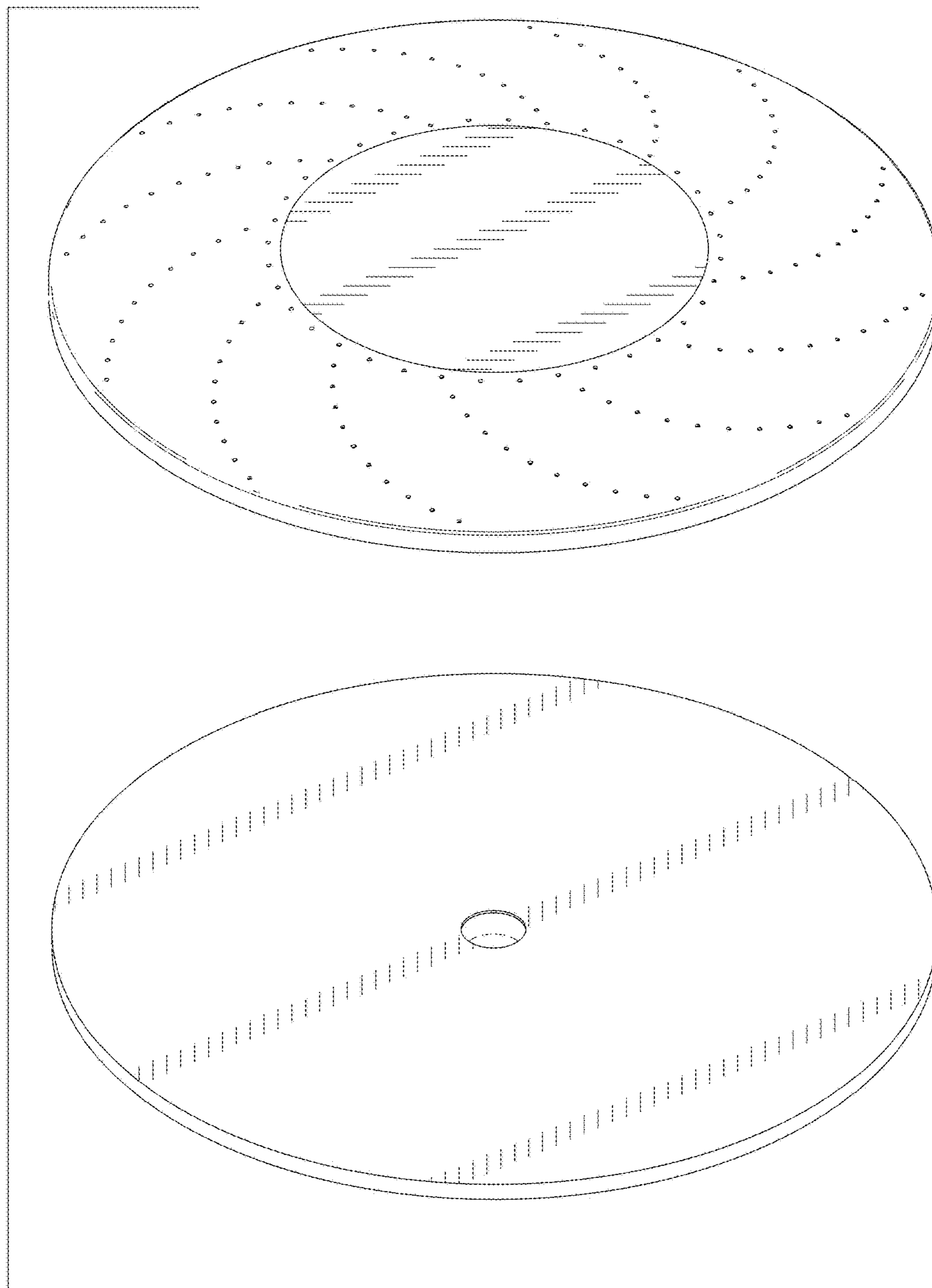


FIG. 3

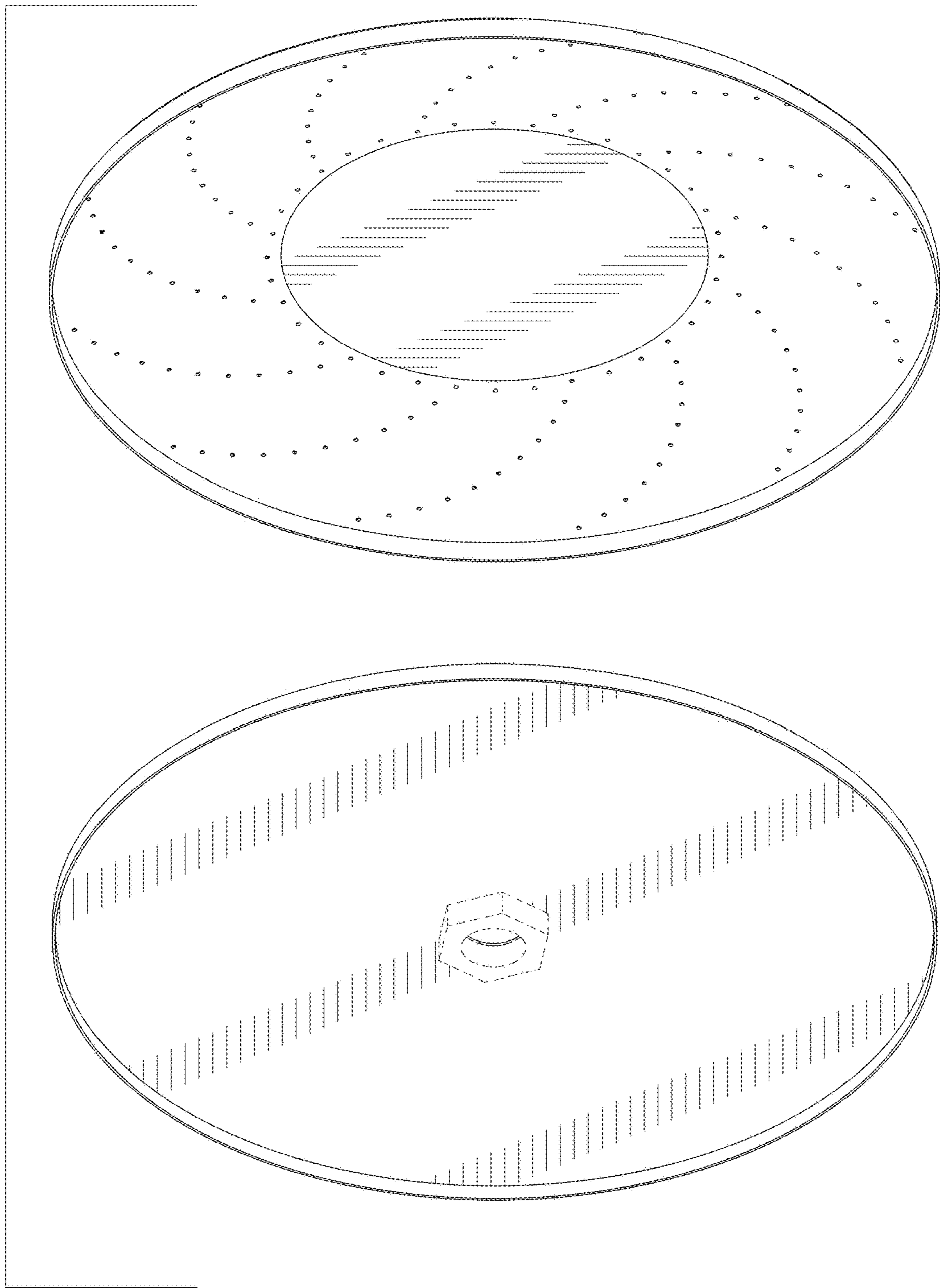


FIG. 4

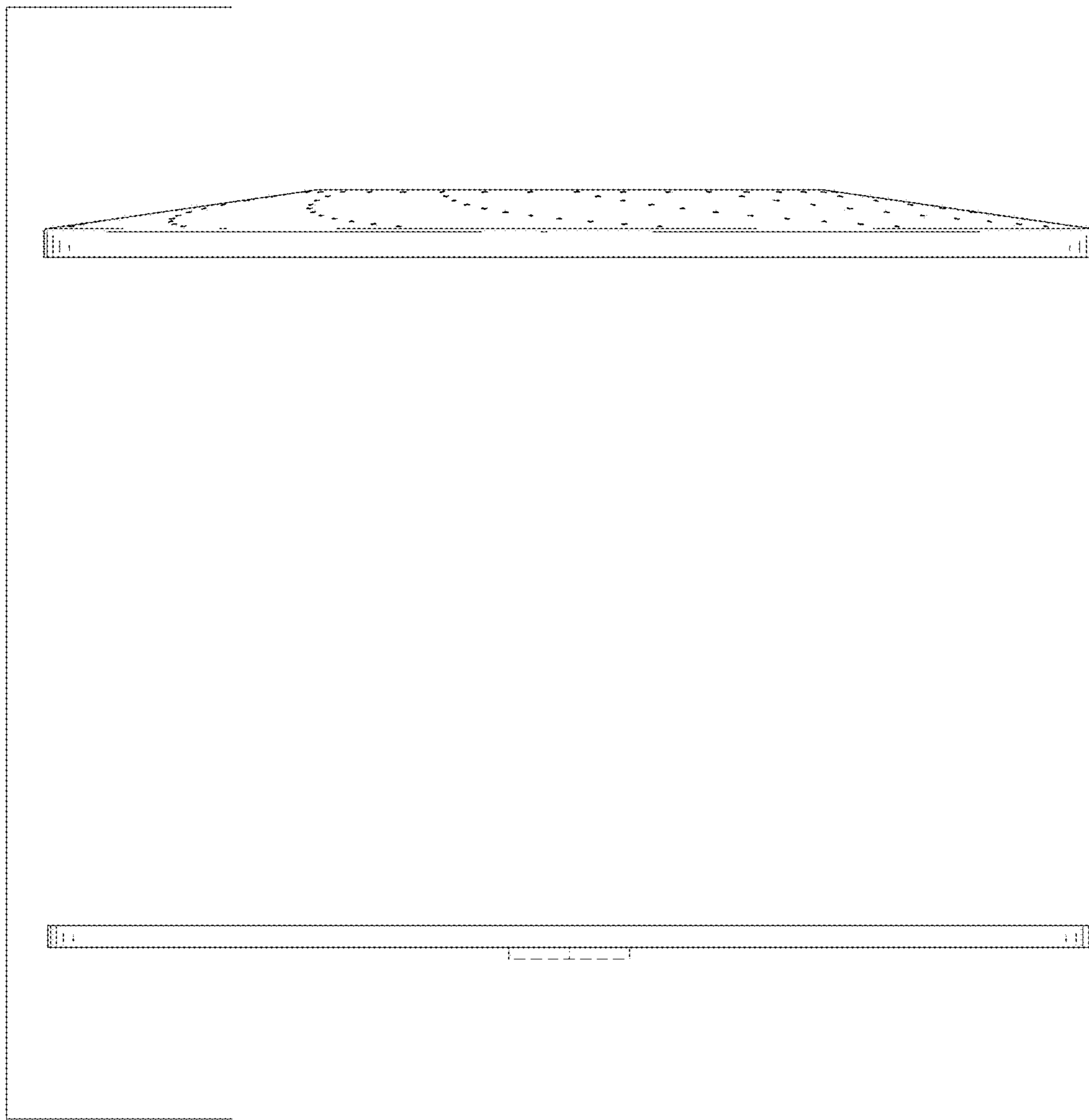


FIG. 5

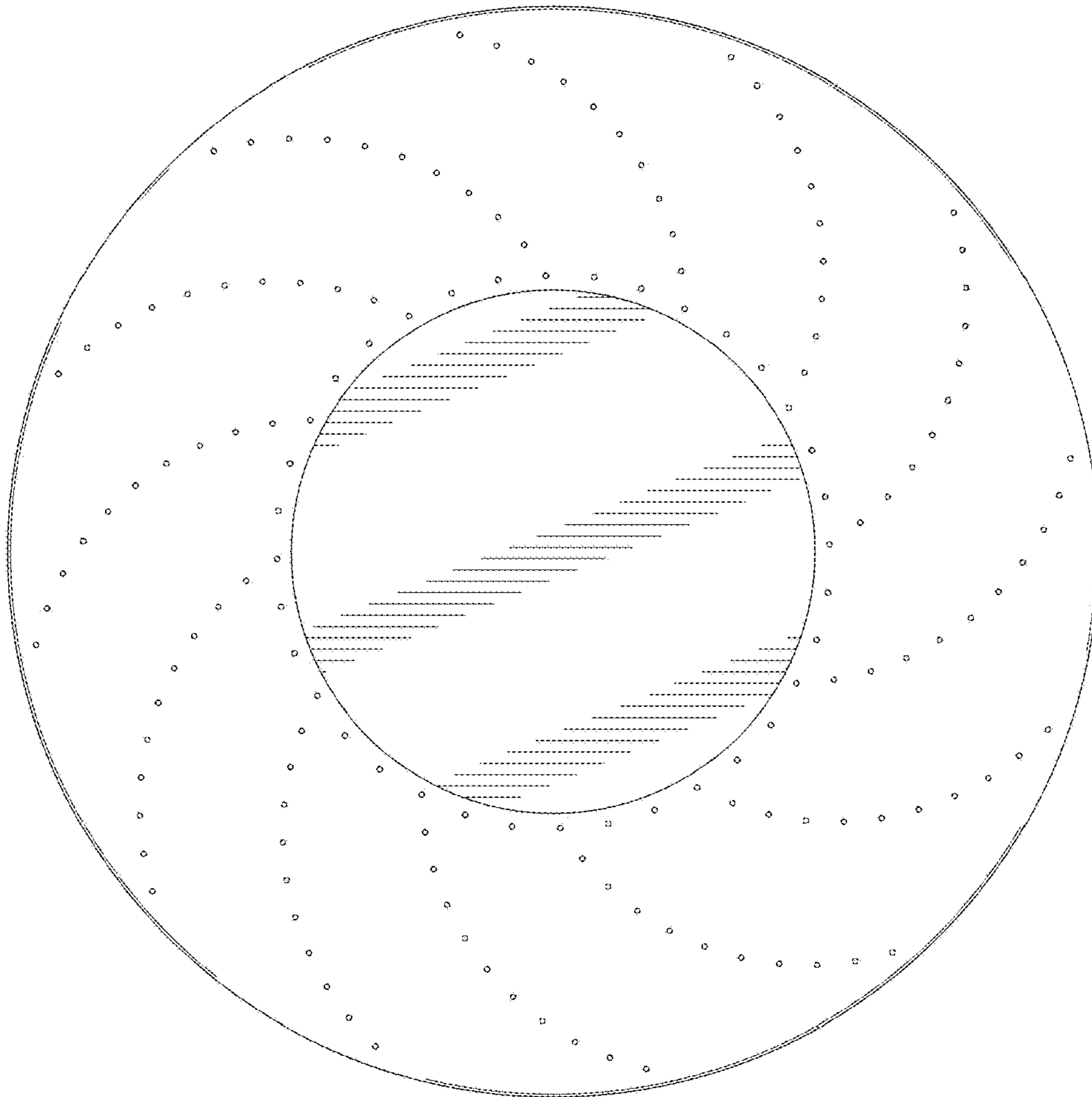


FIG. 6

FIG. 12

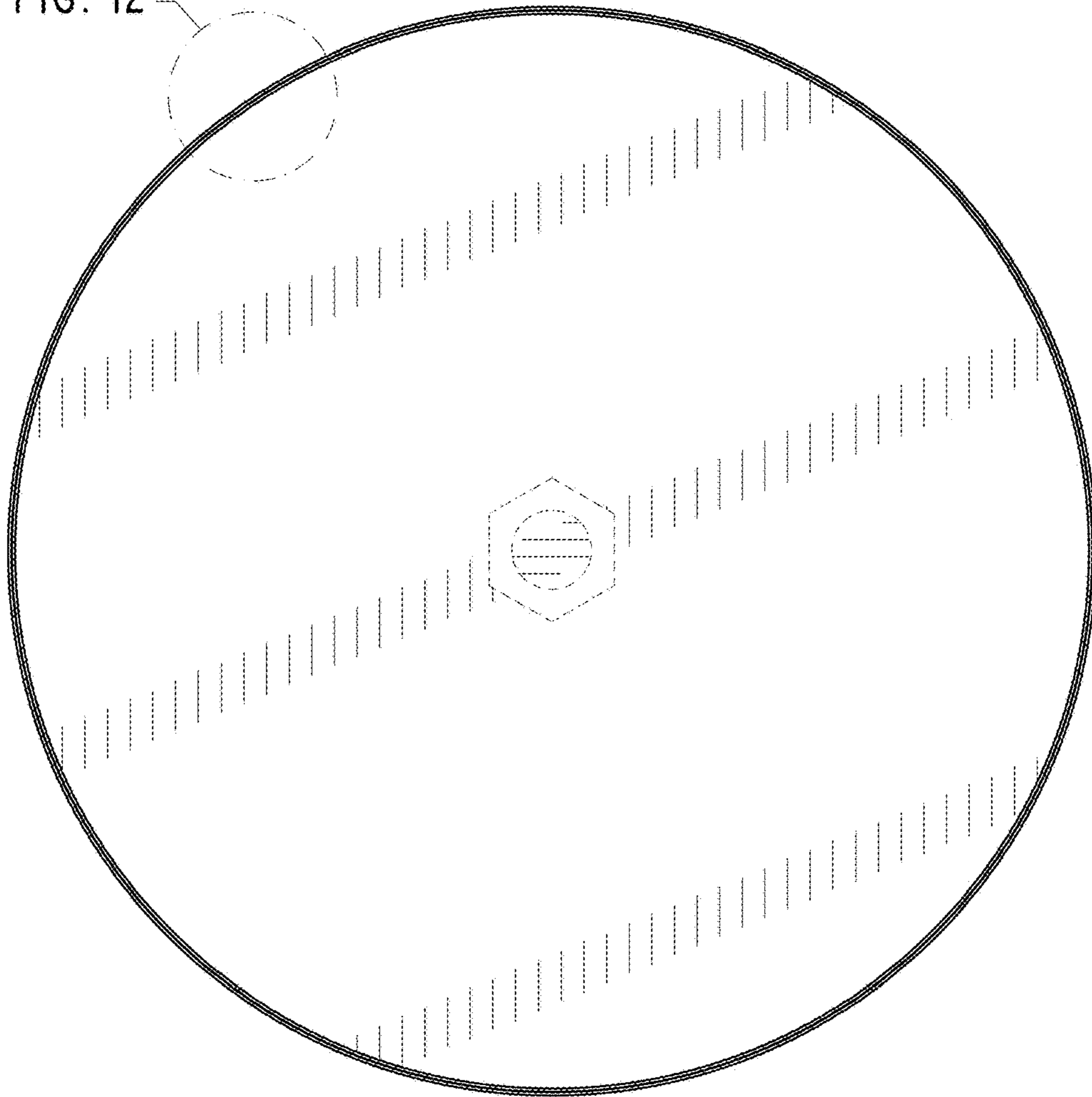


FIG. 7

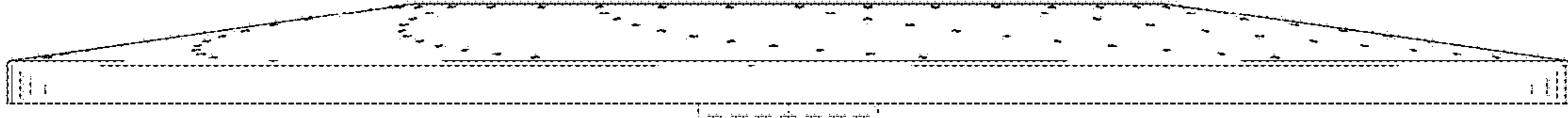


FIG. 8

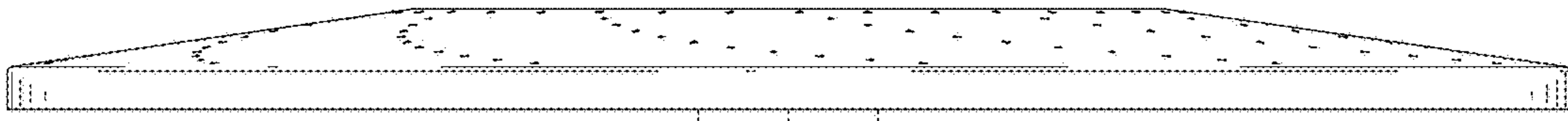


FIG. 9

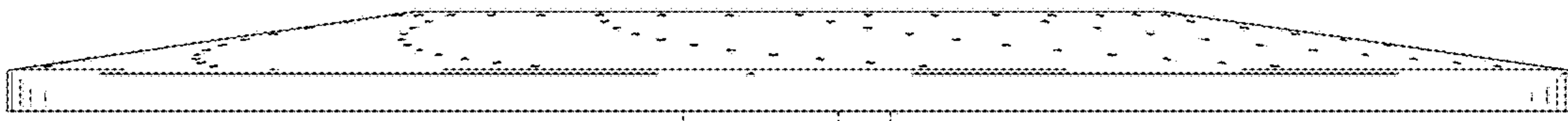


FIG. 10

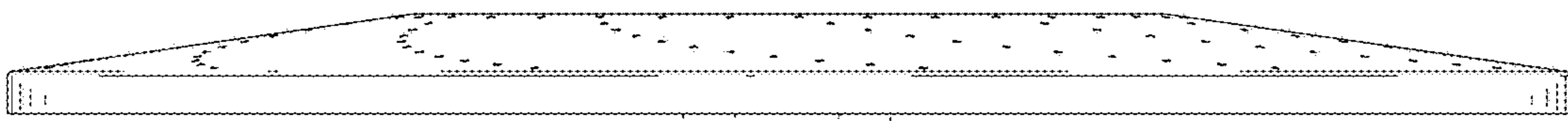


FIG. 11

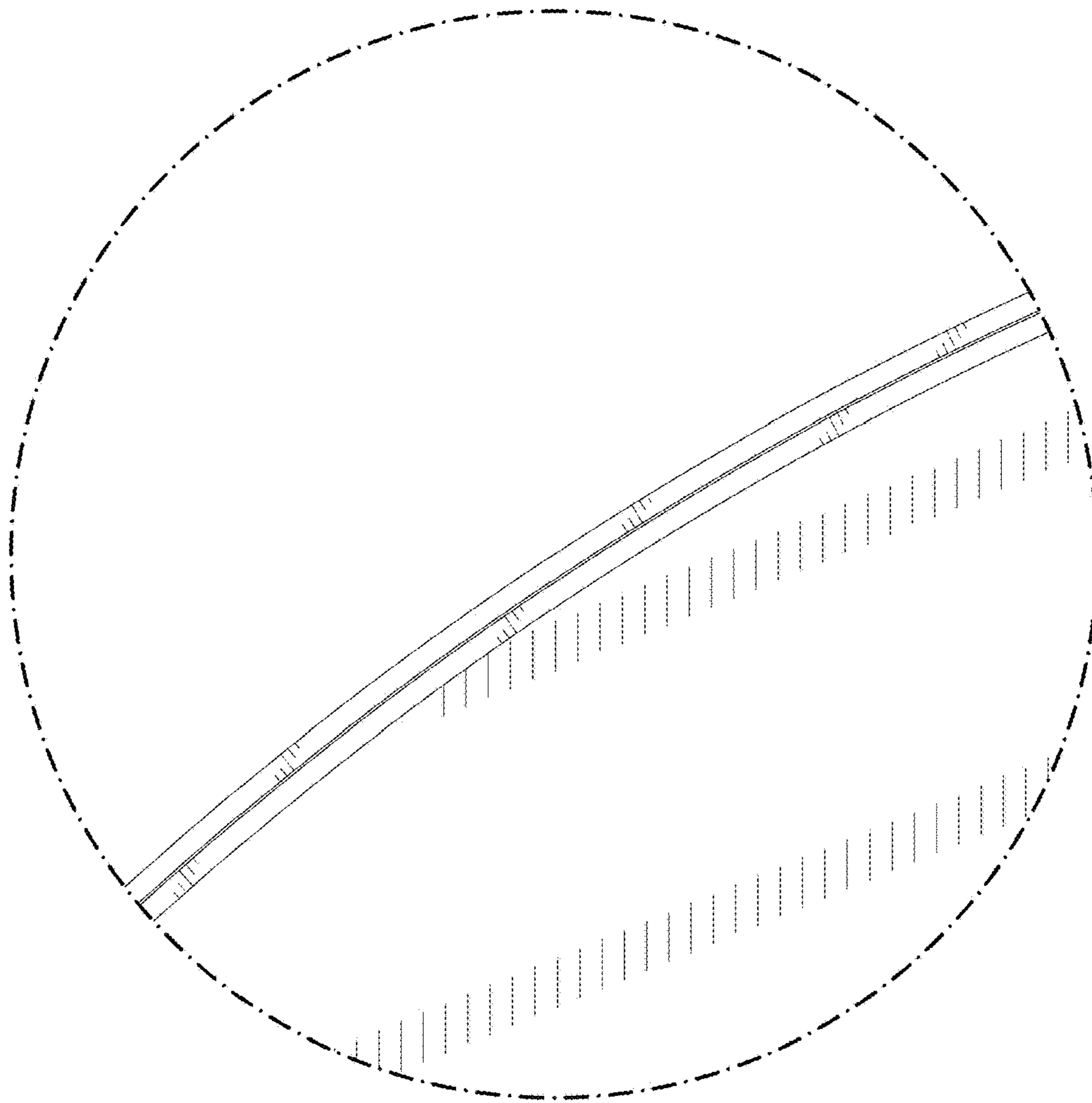


FIG. 12