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Chen

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(54) BATHTUB DRAIN PLUG

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(72) Inventor: Fuguang Chen, Langfang (CN)

(**) Term: 15 Years

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(58) Field of Classification Search

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CPC E03F 5/0408; E03F 5/0407; E03C 1/264; E03C 1/262; E03C 1/2306; E03C 1/26; A47K 3/40; A47J 43/285; A47J 36/20

See application file for complete search history.

(56) References Cited

U.S. PATENT DOCUMENTS			
2,285,833	A *	6/1942	Platt E03C 1/264 239/548
2,337,331	A *	12/1943	Kirschner E03C 1/262 4/287
4,380,834	A *	4/1983	Wentz E03C 1/262 4/286
D357,306	S *	4/1995	Lenox D23/260
D550,819	S *	9/2007	Seehoff D23/261
D591,405	S	4/2009	Pogrebinsky
D600,322	S	9/2009	Forsythe
D673,247	S	12/2012	Eylon
D724,700	S	3/2015	Dailey
D730,493	S *	5/2015	Sehl D23/261
D736,344	S *	8/2015	Chalifoux D23/208
D781,400	S	3/2017	Montoya
D783,134	S *	4/2017	Karnegie D23/261
D783,783	S *	4/2017	Yang D23/261

D785,767	S *	5/2017	Karnegie E03C 1/264 D23/261
9,752,306	B2 *	9/2017	Scamuffa E03C 1/264
D817,463	S *	5/2018	Curley D23/260

(Continued)

OTHER PUBLICATIONS

Haftaby Universal Bathtub Stopper with Drain Hair Catcher/Upgraded Bathroom Shower Drain Hair Trap/Pop-Up Drain Filter for 1.3-1.6 Inch, available in Amazon.com, date first available Jun. 22, 2022[online], [site visited Jan. 30, 2023], Available from the internet URL: <https://www.amazon.com/Haftaby-Universal-Bathtub-Upgraded-Bathroom/dp/B0B4RWYPBQ> (Year: 2022).*

(Continued)

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(57) CLAIM

The ornamental design for a bathtub drain plug, as shown and described.

DESCRIPTION

FIG. 1 is a perspective view of a bathtub drain plug showing my new design;

FIG. 2 is another perspective view thereof;

FIG. 3 is a front elevation view thereof;

FIG. 4 is a rear elevation view thereof;

FIG. 5 is a left side elevation view thereof;

FIG. 6 is a right side elevation view thereof;

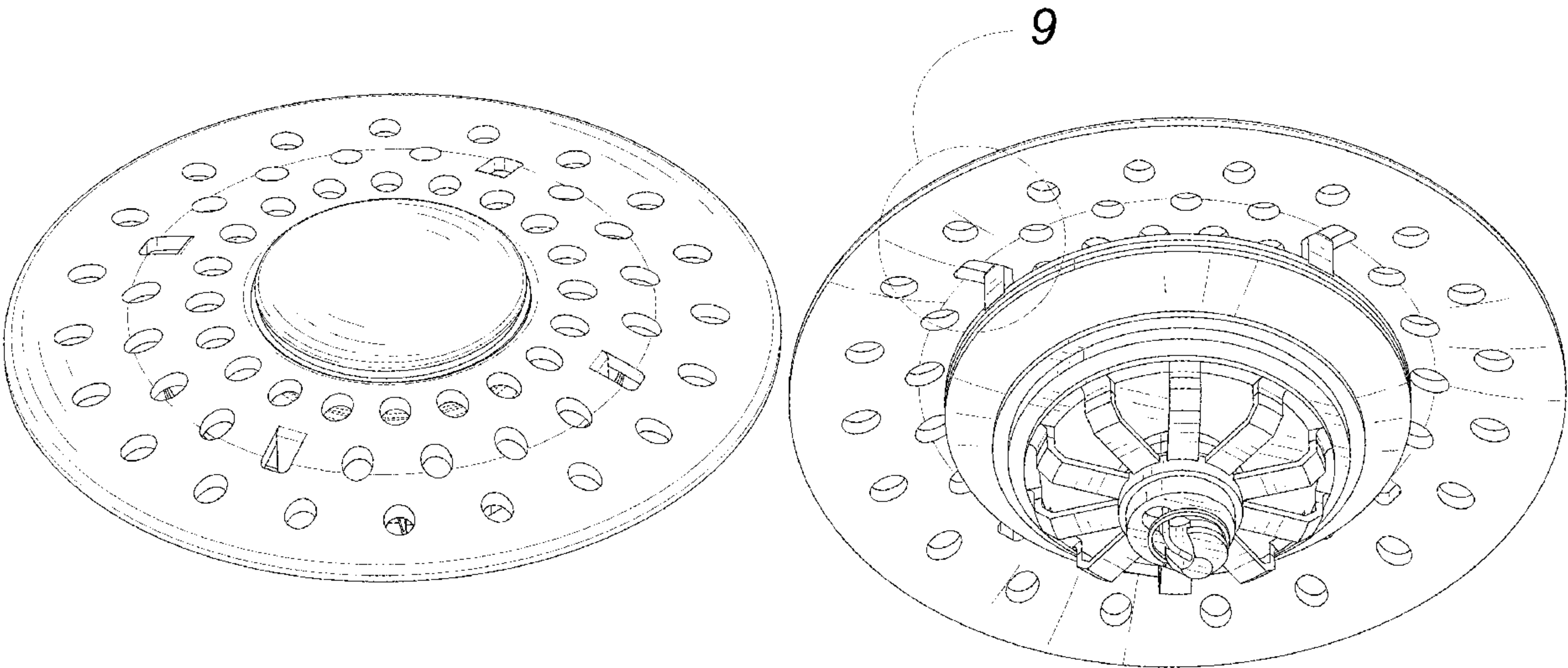
FIG. 7 is a top plan view thereof;

FIG. 8 is a bottom plan view thereof; and,

FIG. 9 is an enlarged detail view of portion 9 of FIG. 2.

The dash dot broken lines shown in the figures indicates cutoff boundaries for enlarged detail portion views and form no part of the claim. The dashed broken lines depict portions of the bathtub drain plug that form no part of the claim.

1 Claim, 7 Drawing Sheets



(56)

References Cited

U.S. PATENT DOCUMENTS

10,113,303 B2 *

10/2018 Mardian

E03F 5/06

D840,000 S

2/2019 Yoshihara

D844,117 S

3/2019 Kennison

D855,782 S *

8/2019 Karnegie

D23/261

D858,695 S *

9/2019 Chen

D23/209

D867,551 S *

11/2019 Xiang

D23/261

D873,975 S *

1/2020 Chen

D23/261

D894,346 S

8/2020 Brigham

D900,982 S *

11/2020 Rosario

D23/261

D901,646 S *

11/2020 Chen

D23/261

D905,206 S *

12/2020 Colacino

D23/261

D941,440 S

1/2022 Lu

D948,674 S *

4/2022 Santos

D23/261

D969,277 S

11/2022 Chen

D972,090 S *

12/2022 Liu

D23/260

D974,535 S *

1/2023 Liang

D23/261

D976,371 S *

1/2023 Zhu

D23/261

D983,334 S *

4/2023 Xiong

D23/261

2009/0151060 A1 *

6/2009 Zubillaga

E03C 1/262

4/292

2010/0071122 A1 *

3/2010 Li

E03C 1/262

4/287

2010/0115689 A1 *

5/2010 Thompson

E03C 1/264

4/287

2012/0060275 A1 *

3/2012 Cheng

E03C 1/2306

4/689

2014/0310862 A1 *

10/2014 Joseph

E03C 1/262

4/287

2016/0130793 A1 *

5/2016 Lesmeister

E03C 1/264

4/287

2016/0251839 A1 *

9/2016 Ali

E03C 1/2302

4/287

2018/0106025 A1 *

4/2018 Schuster

E03C 1/262

OTHER PUBLICATIONS

Auphtir Bathtub Stopper with Cover Hair Collector, Bathtub Drain Cover Stopper, pop up Bathtub Drain Plug, Easy to Install and Clean, for 1.6"-2.1" Drain Hole, available in Amazon.com, date first available Sep. 1, 2022[online], [site visited Mar. 6, 2023], Available from the internet URL: <https://www.amazon.com/dp/B0BCQ7Z75C> (Year: 2022).*

Qianxilu Bathtub Stopper Plug with Drain Hair Catcher for 1.6-2.0 Inch Drain Hole , Double Anti-Clogging Design Bathtub Drain Cover Stopper & Pop Up Bathtub Drain Filter Plug 2 in 1 for US Standard, available in Amazon.com, date first available Sep. 26, 2022[online], [site visited Mar. 6, 2023], Available from the internet URL: <https://www.amazon.com/dp/B0BGJ9VXK7> (Year: 2022).*

Usikrpen Upgrade Universal Bathtub Plug & Drain Hair Catcher Anti Rust Anti-Blocking 2 in 1 Bathtub Drain Plug with Dual Filtration Pop Up Bathtub Drain Cover for 1.4"-2.0" Tub Stopper, available in Amazon.com, date first available Dec. 27, 2022 [online], [site visited Mar. 6, 2023], Available from the internet URL: <https://www.amazon.com/dp/B0BR5H4GHY> (Year: 2022).*

KKDFTU Upgraded 2 in 1 Bathtub Stopper with Drain Hair Catcher, Anti-Clogging Tub Stopper with Dual Filtration Design, Pop-up Bath Tub Stoppers Bathtub Drain Plug for 1.4-2.0" Drain Hole, available in Amazon.com, date first available Sep. 10, 2022[online], [site visited Mar. 6, 2023], Available from the internet URL: <https://www.amazon.com/dp/B0BBGLMY8> (Year: 2022).*

* cited by examiner

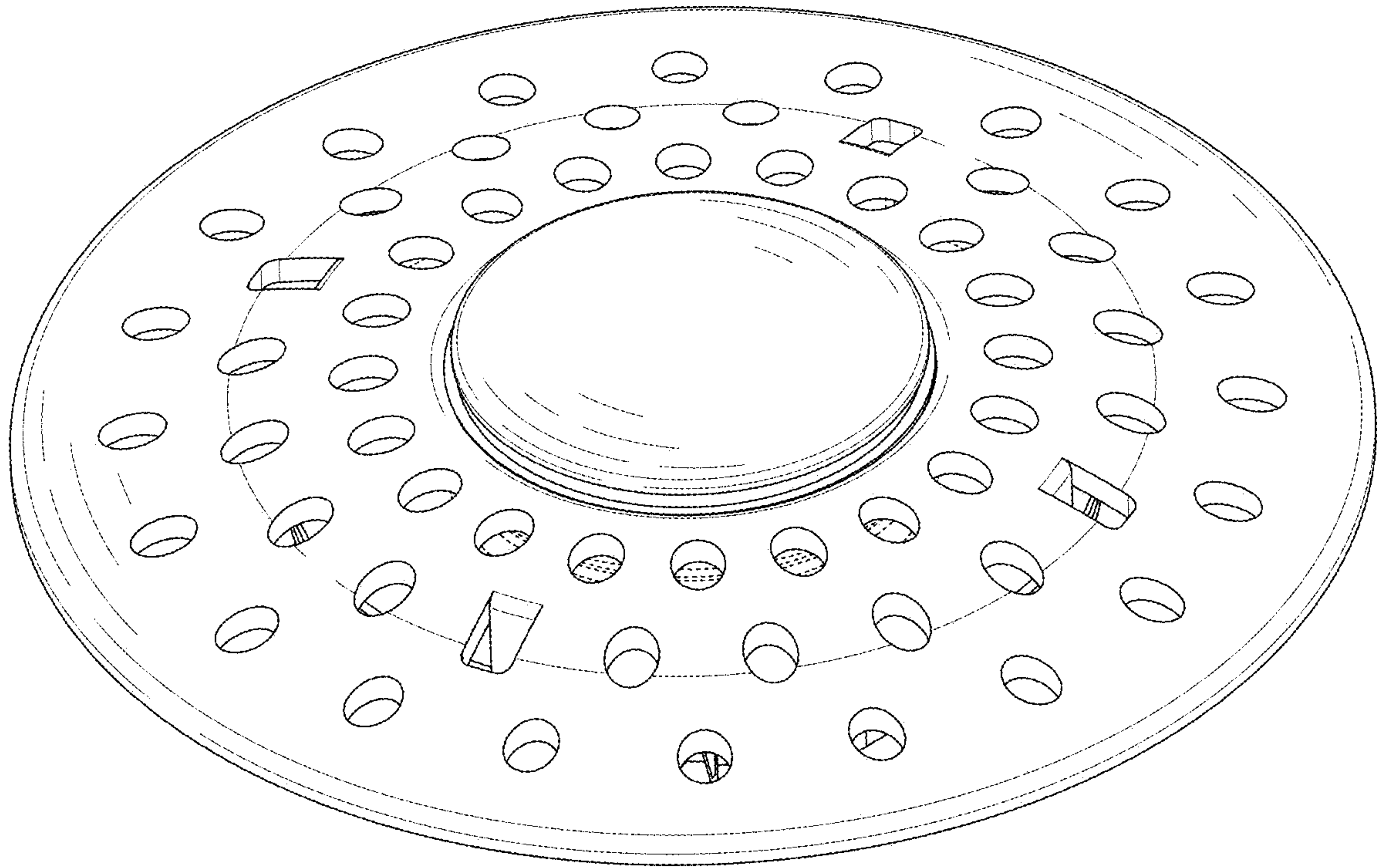


FIG. 1

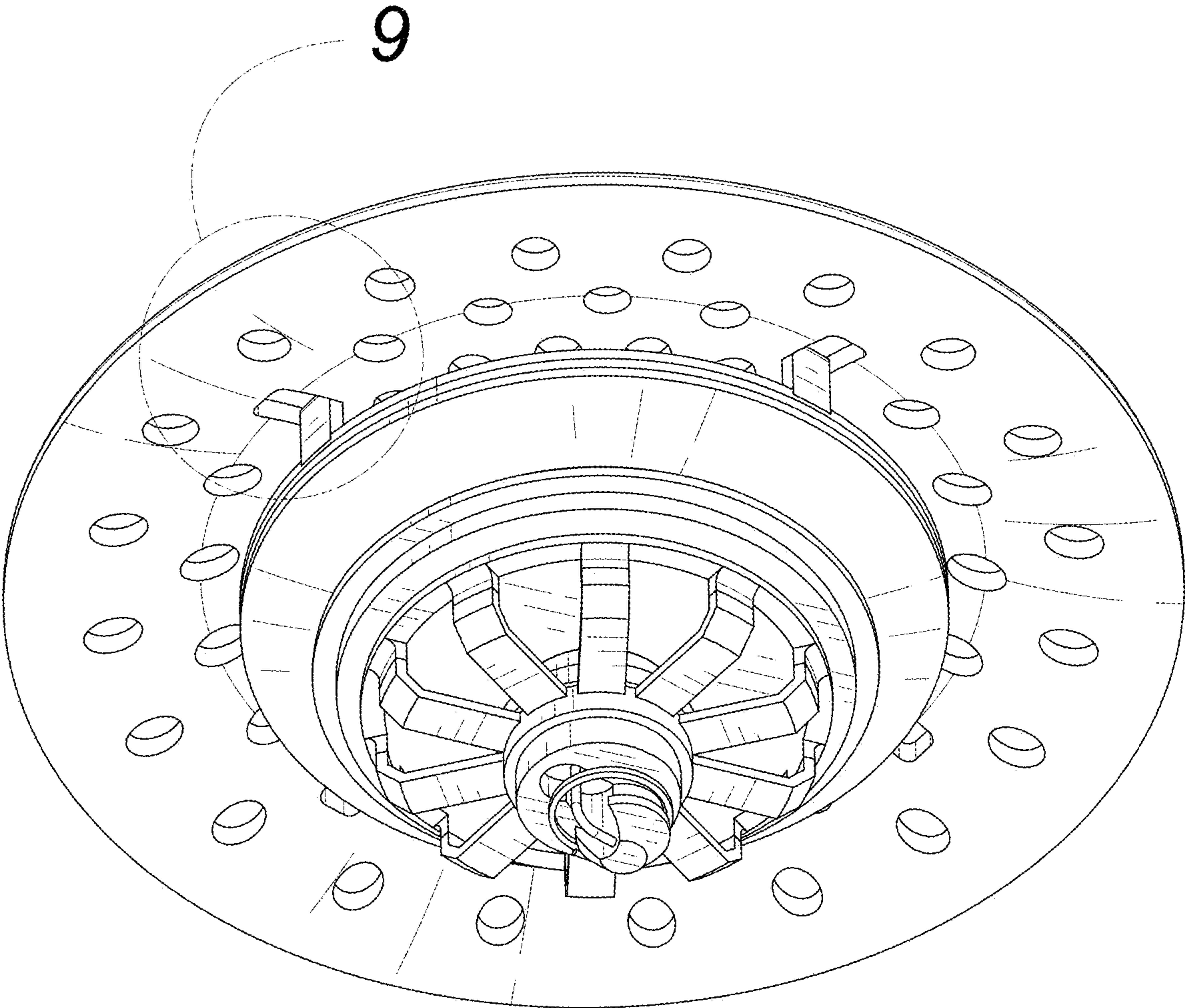


FIG. 2

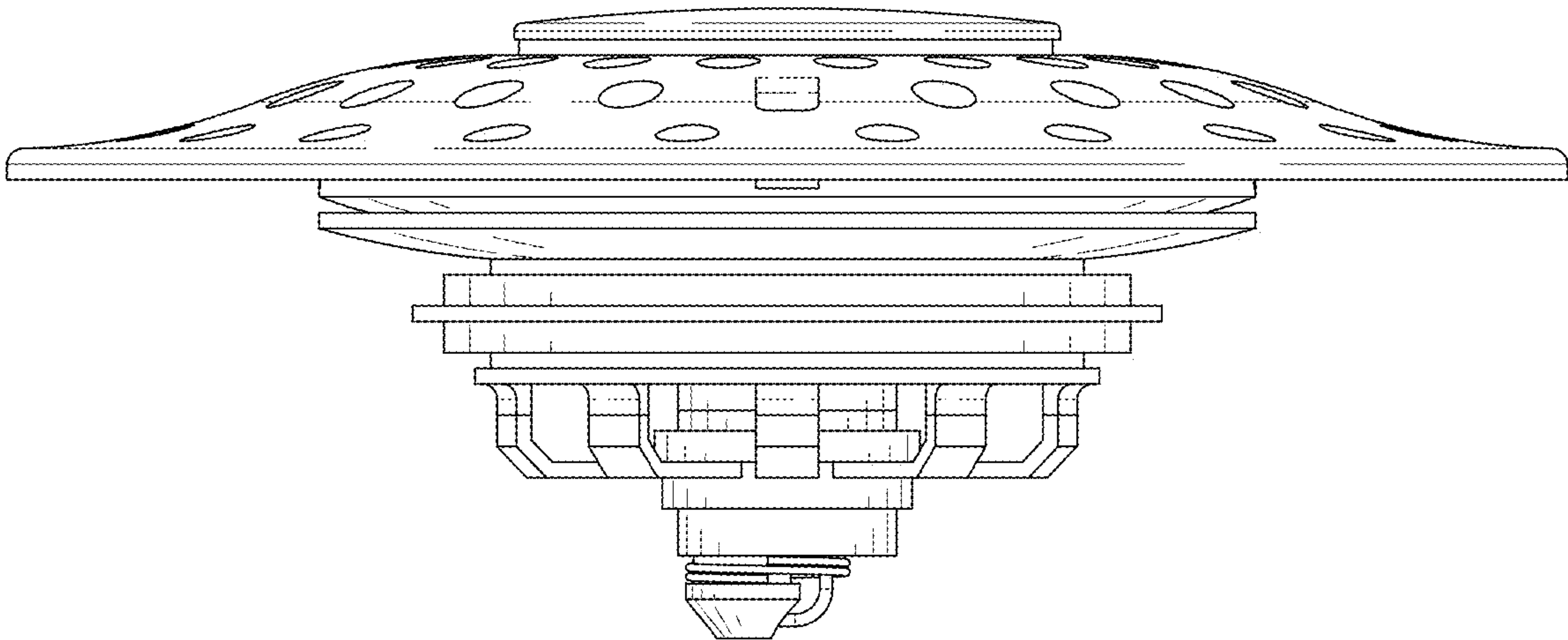


FIG.3

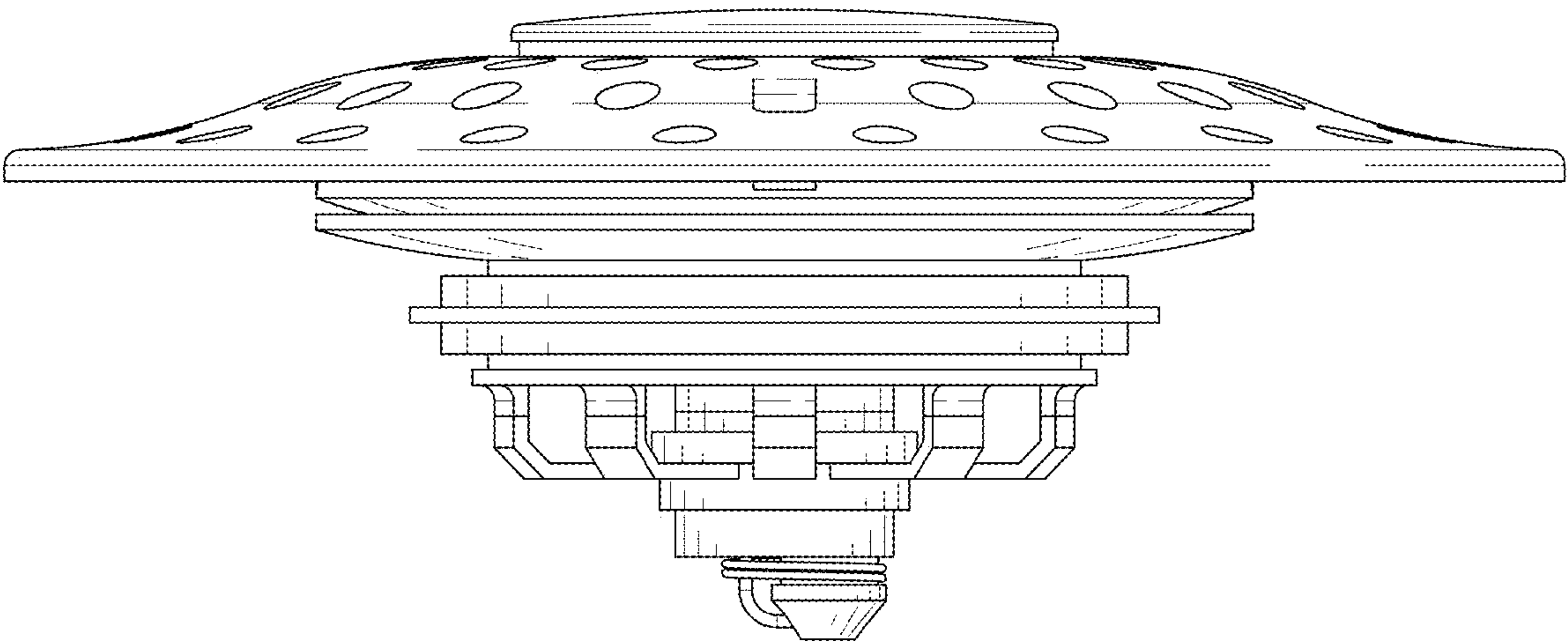


FIG.4

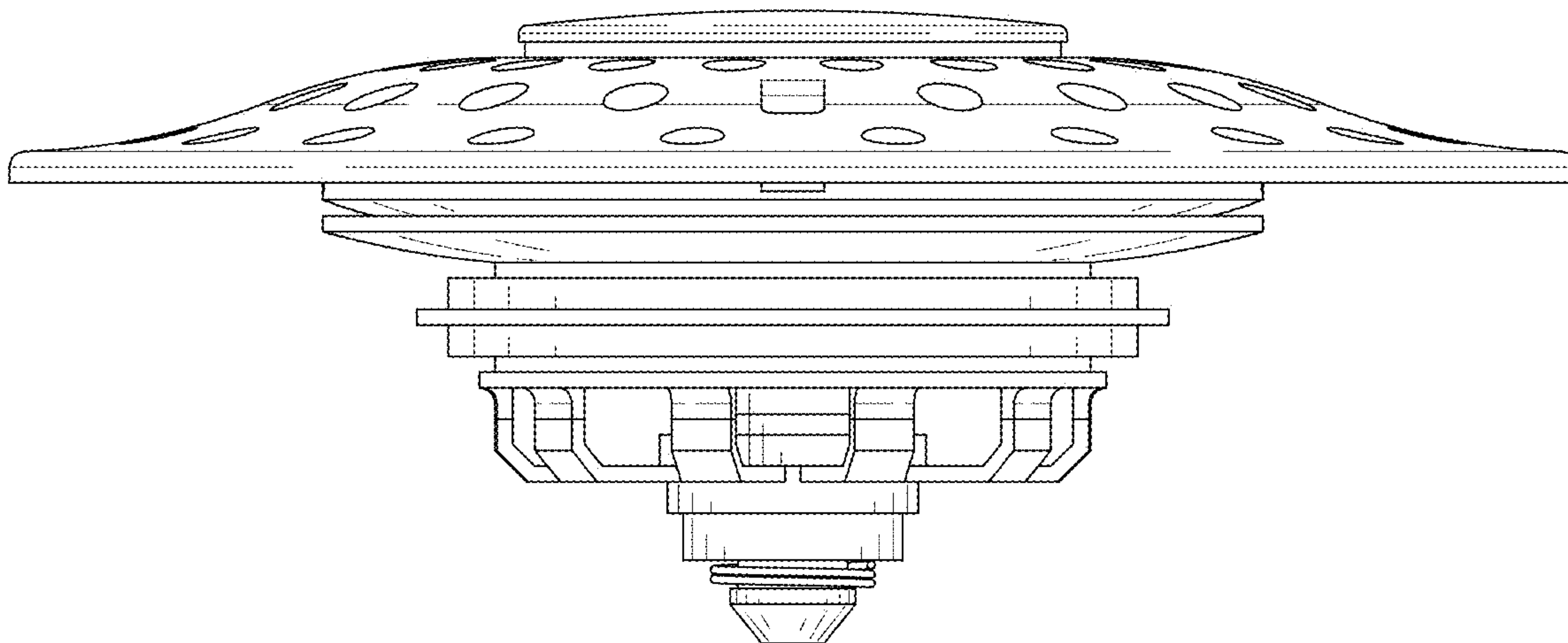


FIG. 5

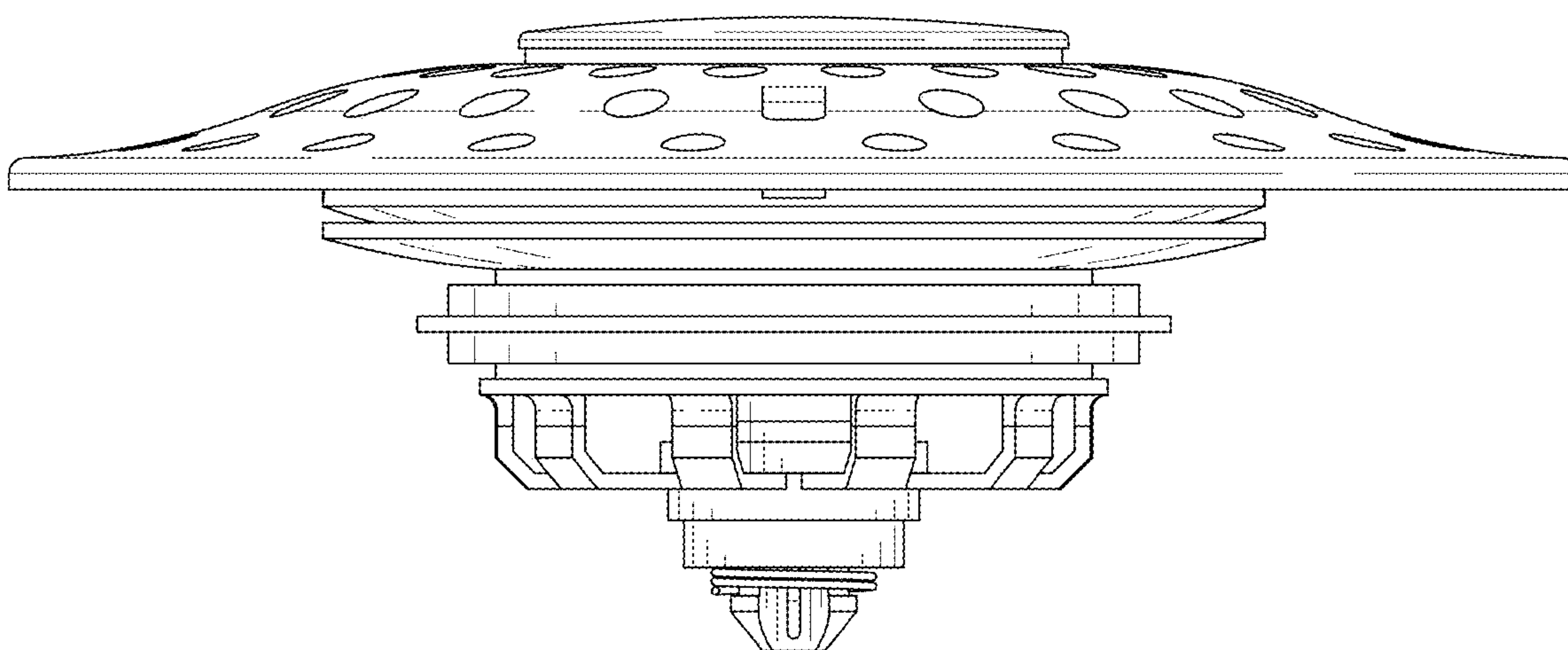


FIG. 6

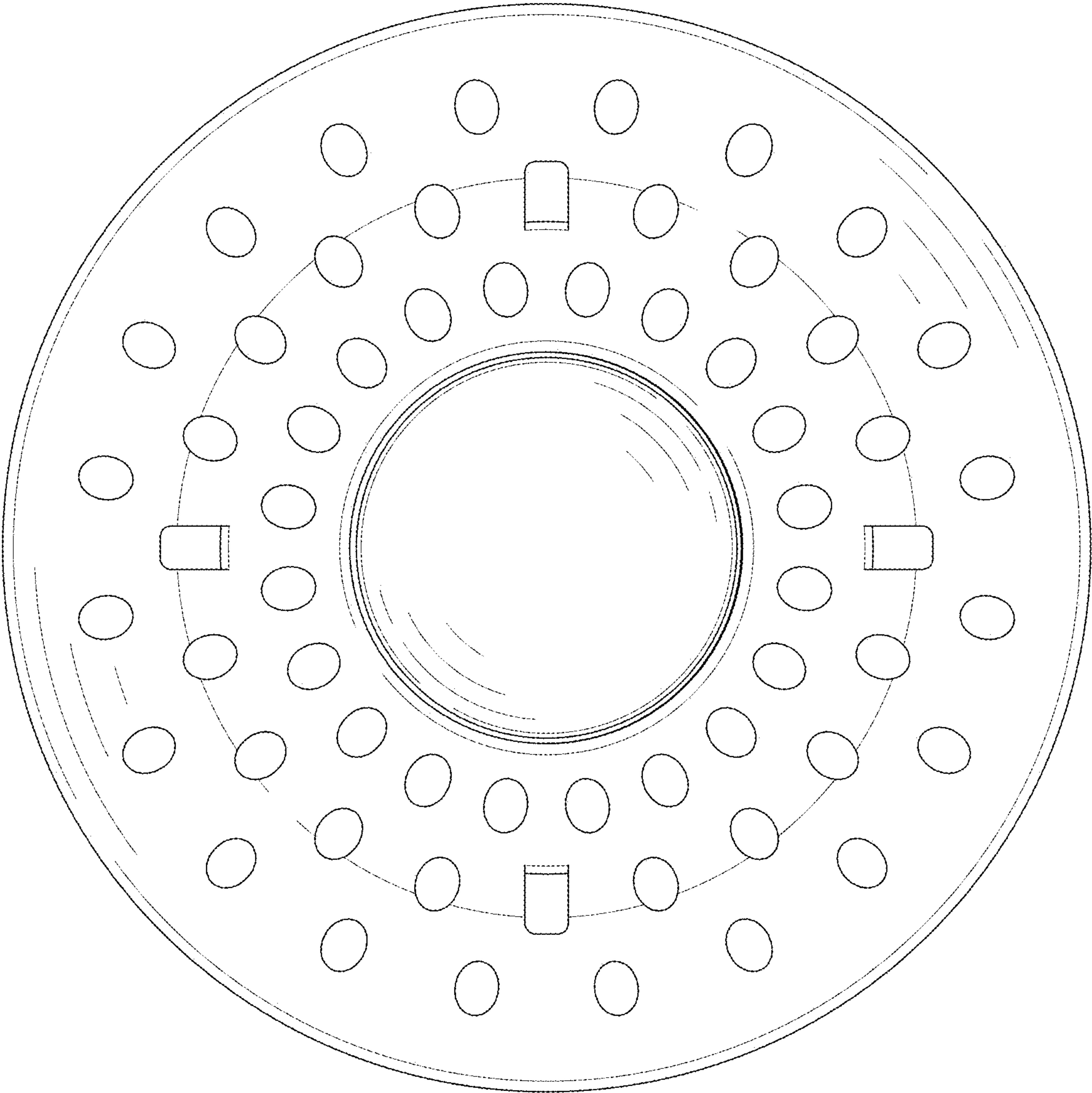


FIG. 7

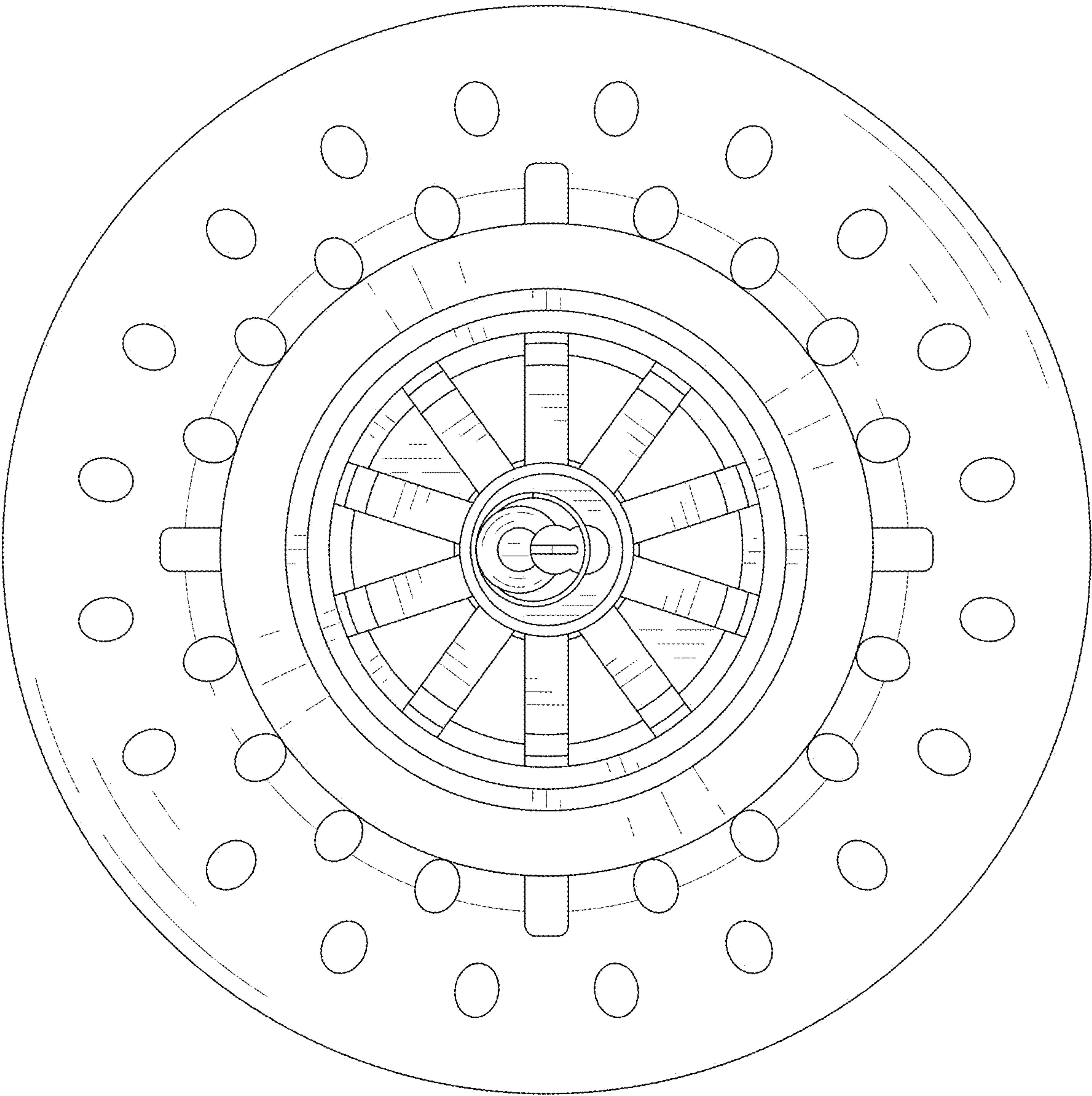


FIG. 8

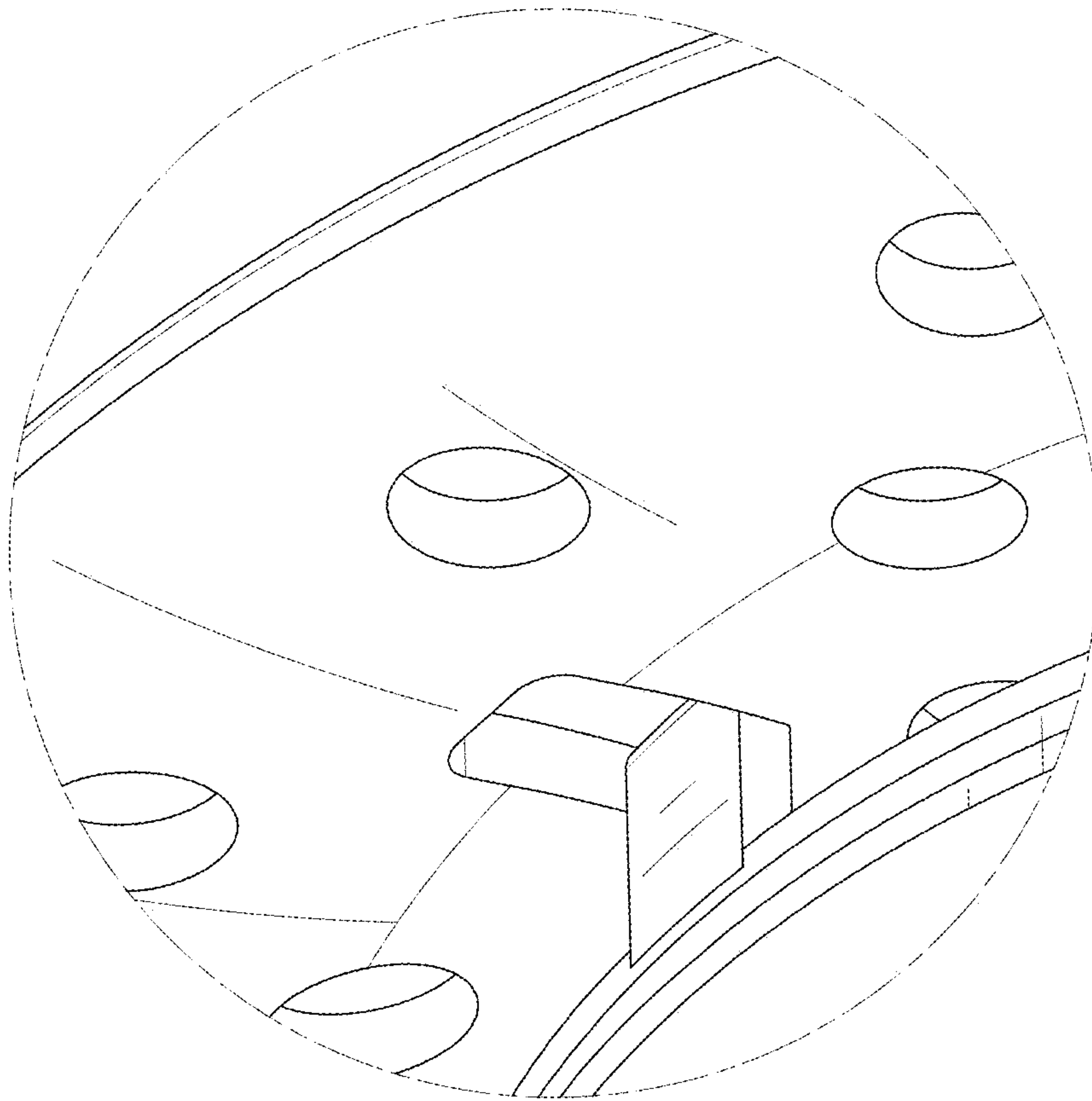


FIG. 9