



US00D967578S

(12) **United States Design Patent**
Deng

(10) **Patent No.:** **US D967,578 S**
(45) **Date of Patent:** **** Oct. 18, 2022**

- (54) **WHEEL**
- (71) Applicant: **Shenzhen Seauto Technology Co., Ltd., Shenzhen (CN)**
- (72) Inventor: **Zhuoming Deng, Shenzhen (CN)**
- (73) Assignee: **Shenzhen Seauto Technology Co., Ltd., Shenzhen (CN)**
- (**) Term: **15 Years**
- (21) Appl. No.: **29/831,611**
- (22) Filed: **Mar. 22, 2022**
- (51) **LOC (13) Cl.** **15-05**
- (52) **U.S. Cl.**
USPC **D32/31**
- (58) **Field of Classification Search**
USPC D32/15-24, 31-34; D12/579; D8/375
CPC A47L 9/00; A47L 9/009; B60C 11/0302;
B60B 37/10
See application file for complete search history.

(56) **References Cited**

U.S. PATENT DOCUMENTS

D256,459 S	8/1980	Blanchard	
D256,795 S	9/1980	Blanchard	
5,368,371 A *	11/1994	Markling	B60B 5/02 301/105.1
5,603,555 A *	2/1997	Dickey	B60B 37/10 301/112
D396,863 S *	8/1998	Bruns	D15/28
D414,724 S *	10/1999	Lu	D12/501
D429,393 S *	8/2000	Rief	D32/25
6,854,148 B1 *	2/2005	Rief	E04H 4/1654 15/1.7
D516,260 S *	2/2006	Chen	D32/25
D549,285 S *	8/2007	Chen	D19/187
D570,070 S *	5/2008	Morris	D34/27
8,117,704 B2 *	2/2012	Schneider	E04H 4/1654 180/6.66

8,402,585 B2 *	3/2013	Rief	E04H 4/1636 15/1.7
9,033,079 B2 *	5/2015	Shin	B60K 17/043 180/65.6
9,051,750 B2 *	6/2015	Erlich	E04H 4/1654
9,096,097 B2 *	8/2015	Trent, III	B65F 1/1473
9,205,703 B2 *	12/2015	Morris	B65F 1/1473
D751,265 S *	3/2016	Bromm	D34/27
9,550,395 B2 *	1/2017	Trent, III	B62B 1/10
D809,726 S *	2/2018	Park	D32/31

(Continued)

OTHER PUBLICATIONS

BestRobtic automatic swimming pool cleaner (on-line), dated Nov. 5, 2021. Retrieved from Internet Aug. 18, 2022, URL: <https://moxsole.com/products/bestrobtic-automatic-swimming-pool-cleaner-strong-suction-and-cordless-design> (1 page) (Year: 2021).*

(Continued)

Primary Examiner — Kimberly Barnes
(74) *Attorney, Agent, or Firm* — ScienBiziP, P.C.

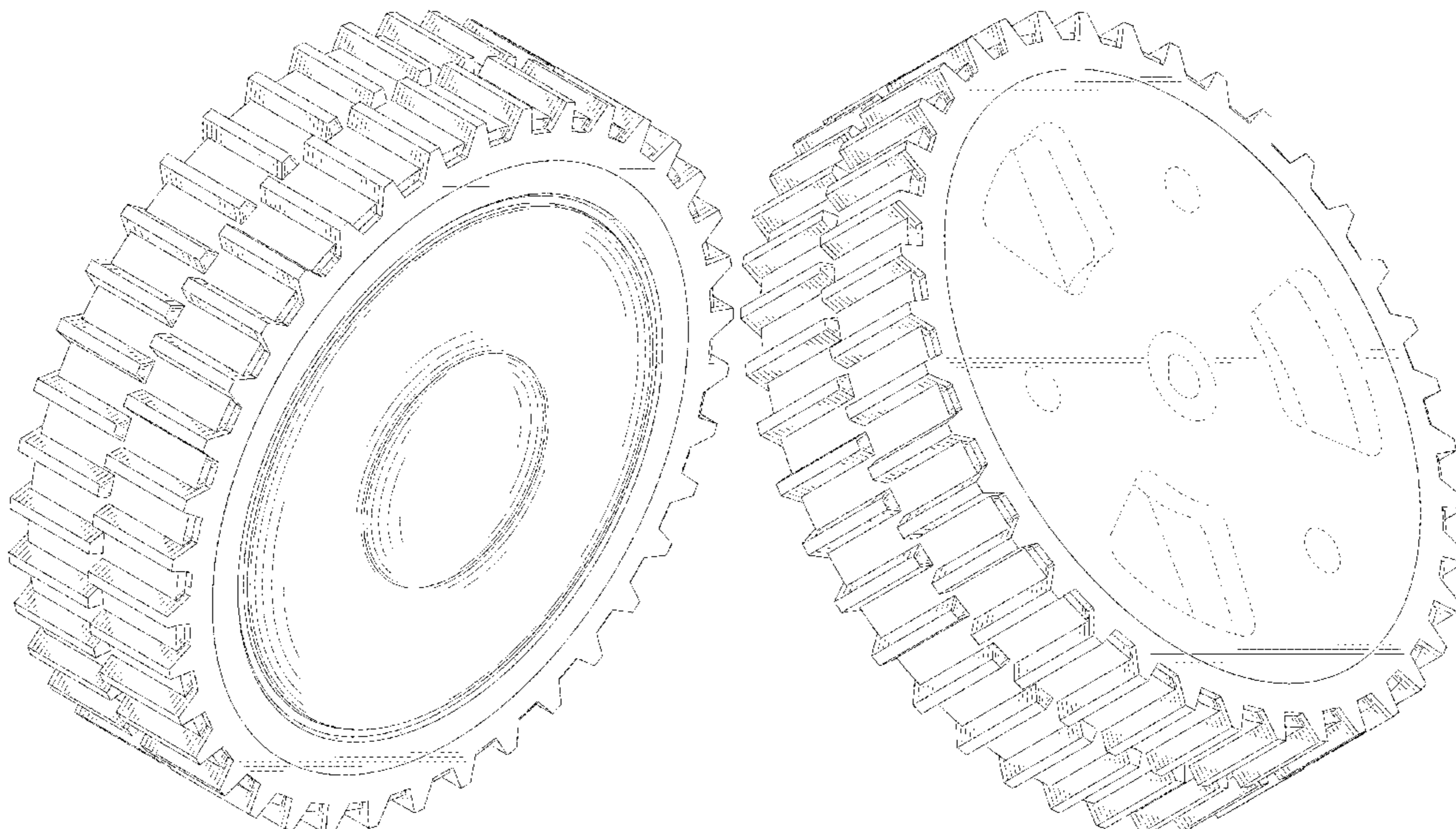
(57) **CLAIM**

The ornamental design for a wheel, as shown and described.

DESCRIPTION

FIG. 1 is a front, left and top perspective view of a wheel, showing my design.
FIG. 2 is a rear, right and bottom perspective view thereof.
FIG. 3 is a left side elevation view thereof.
FIG. 4 is a right side elevation view thereof.
FIG. 5 is a rear elevation view thereof.
FIG. 6 is a front elevation view thereof.
FIG. 7 is a top plan view thereof; and,
FIG. 8 is a bottom plan view thereof.
The broken lines in the drawings depict portions of the wheel that form no part of the claimed design.

1 Claim, 8 Drawing Sheets



(56)

References Cited

U.S. PATENT DOCUMENTS

D811,948 S * 3/2018 Turner D15/138
9,949,430 B2 * 4/2018 Jackson A01D 34/824
D881,761 S * 4/2020 Turner D12/123
D882,193 S * 4/2020 Bruneel D32/21
10,731,732 B2 * 8/2020 Stoltz F16H 3/40
D907,869 S * 1/2021 Yang D32/31
D927,807 S * 8/2021 Yang D32/31
11,273,714 B2 * 3/2022 Cheng B60L 15/20

OTHER PUBLICATIONS

Seauto's BestRobtic Launches on Kickstarter (on-line), dated Feb. 19, 2022. Retrieved Aug. 22, 2022, URL: <https://www.prnewswire.com/news-releases/seautos-bestrobtic-up-to-6000gph-powerful-suction-pool-cleaner-worlds-1st-sonar-tech-hassle-free-cleaning-launches-on-kickstarter-301486109.html> (7 pages) (Year: 2022).*

* cited by examiner

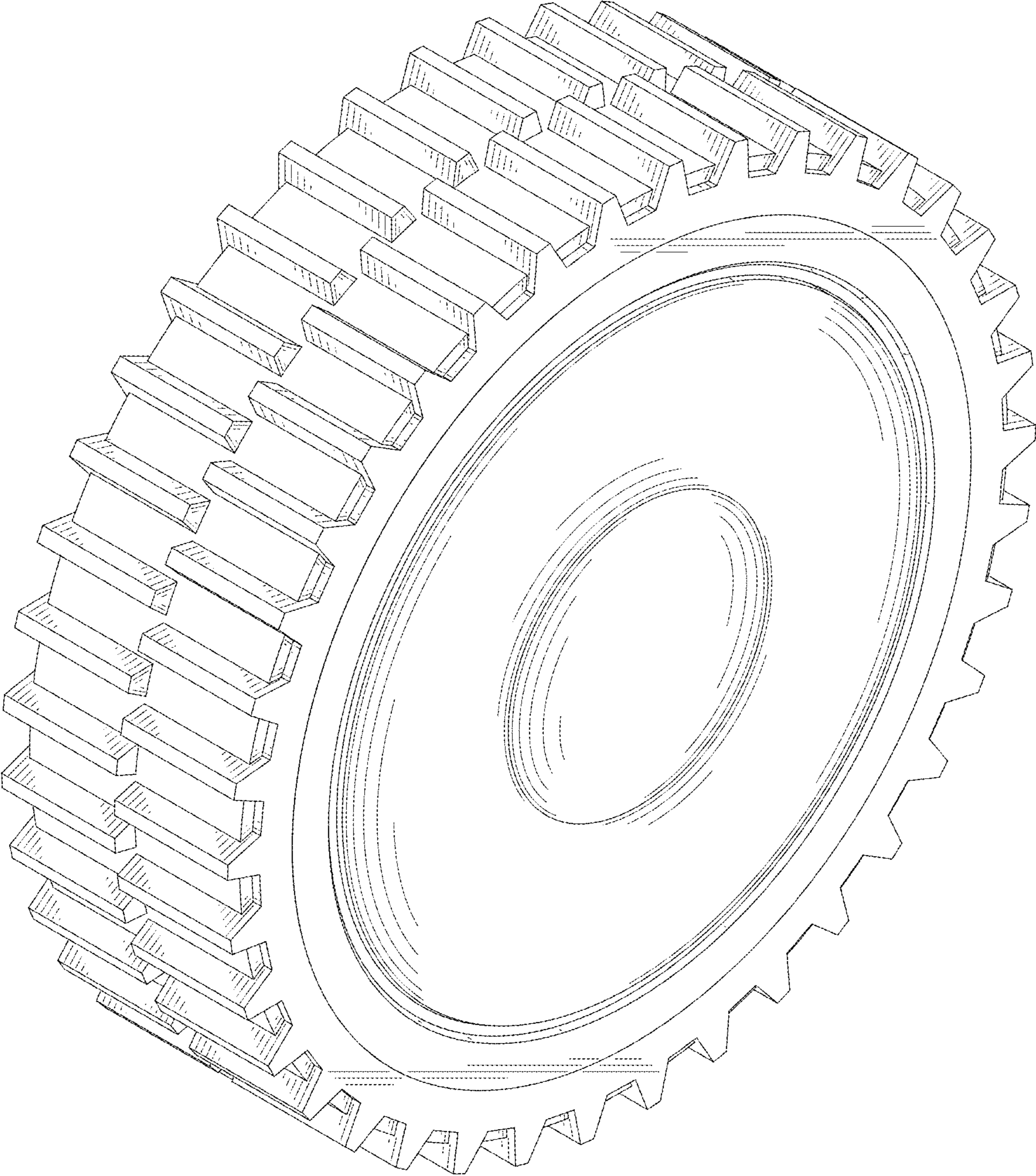


FIG. 1

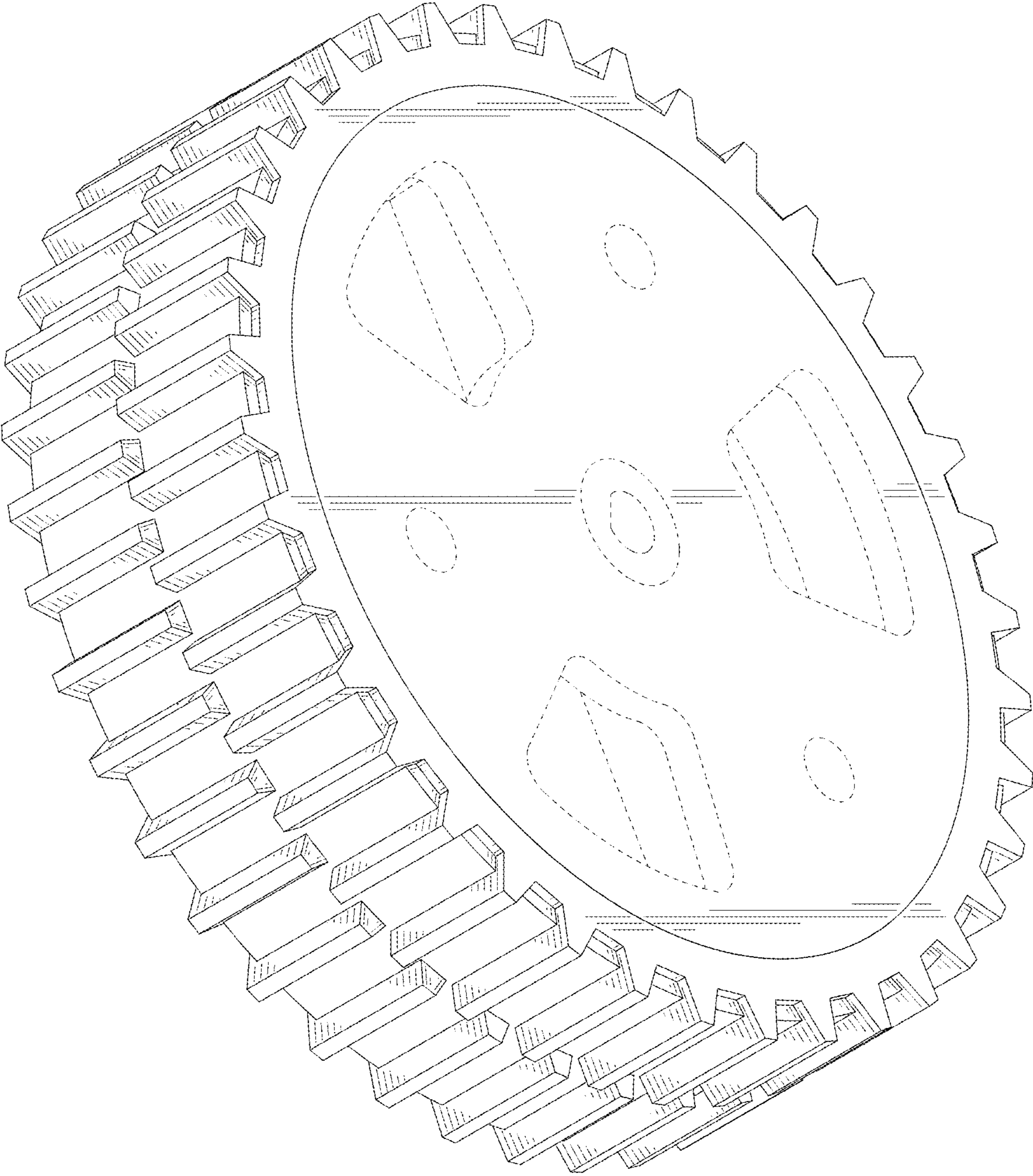


FIG. 2

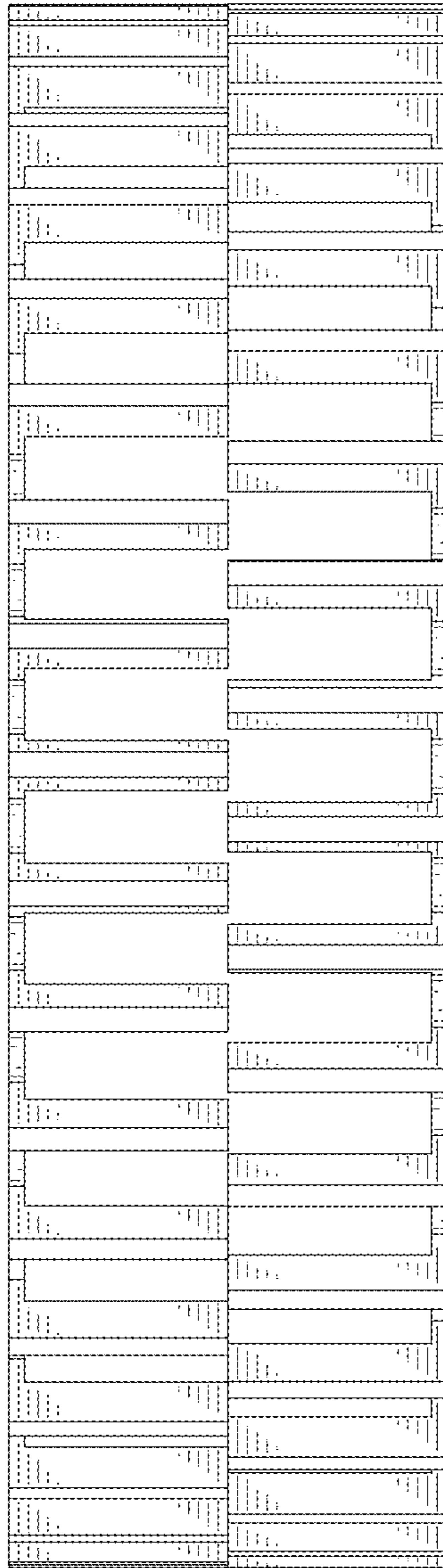


FIG. 3

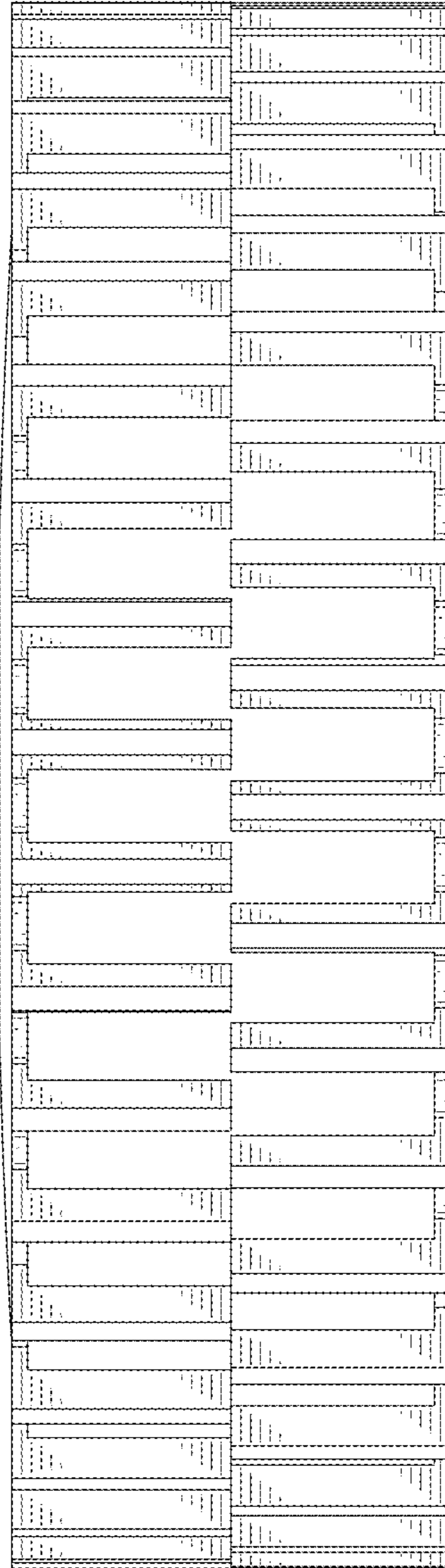


FIG. 4

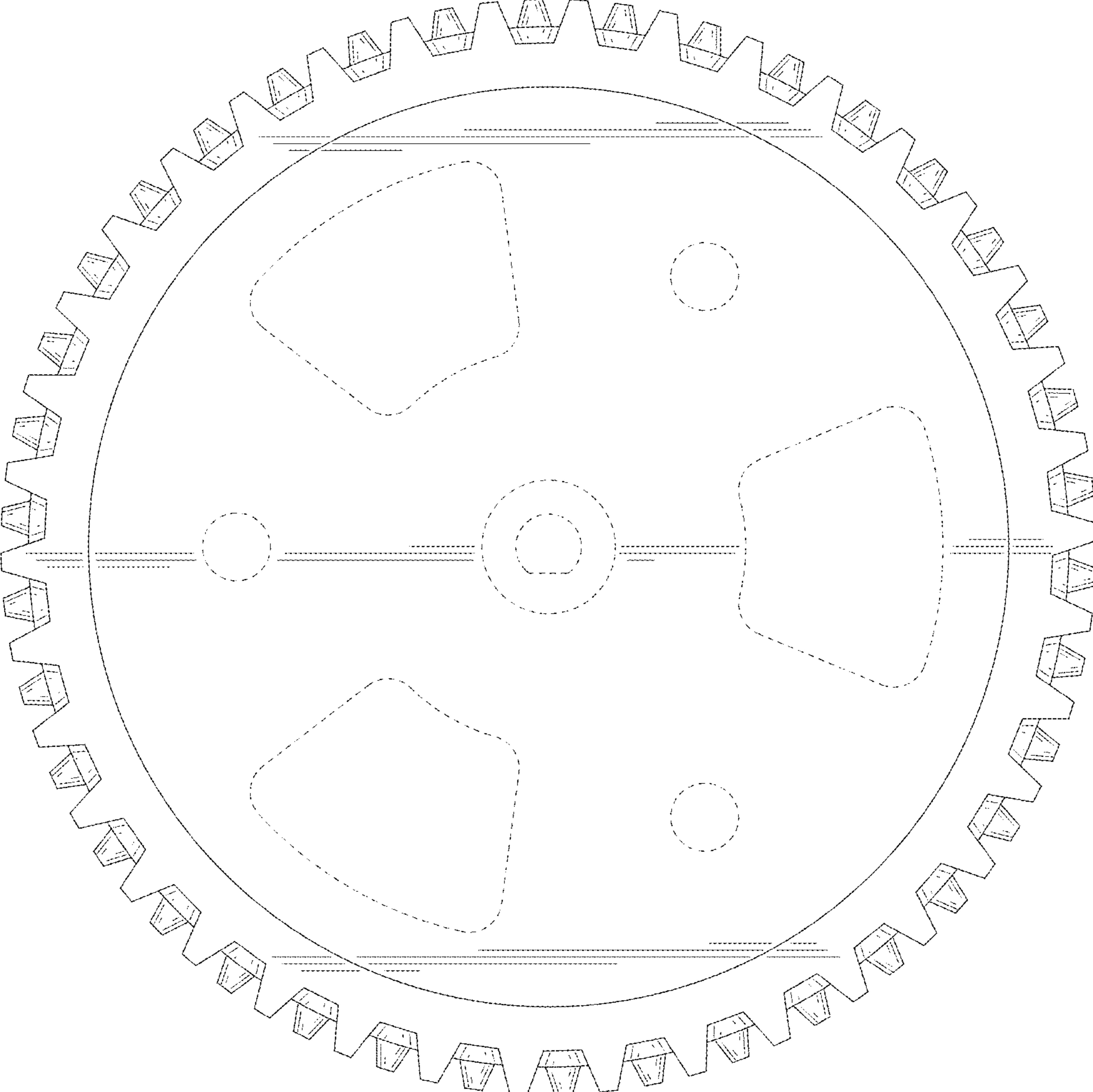


FIG. 5

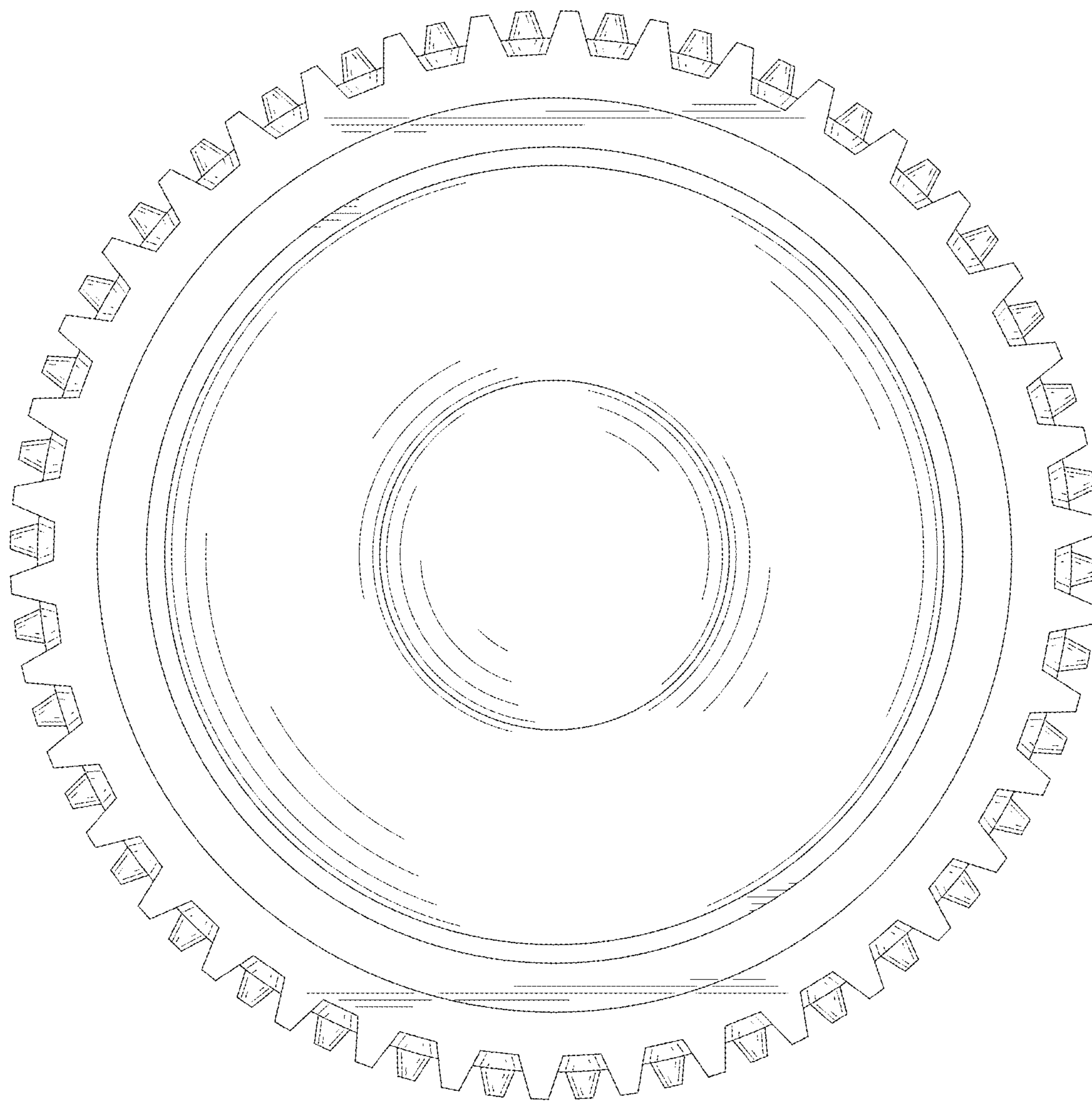


FIG. 6

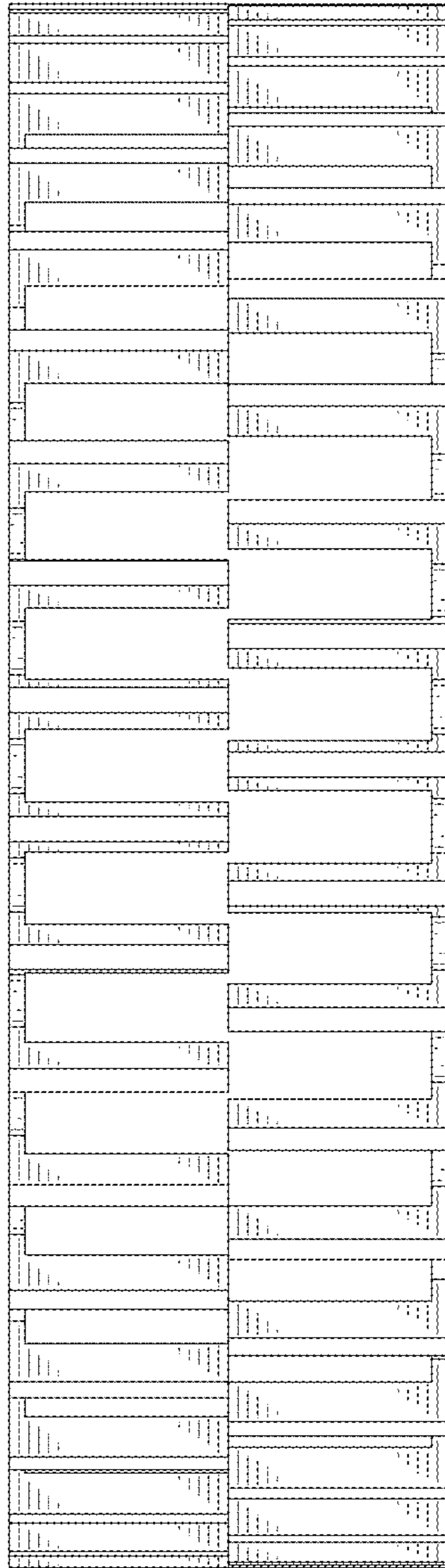


FIG. 7

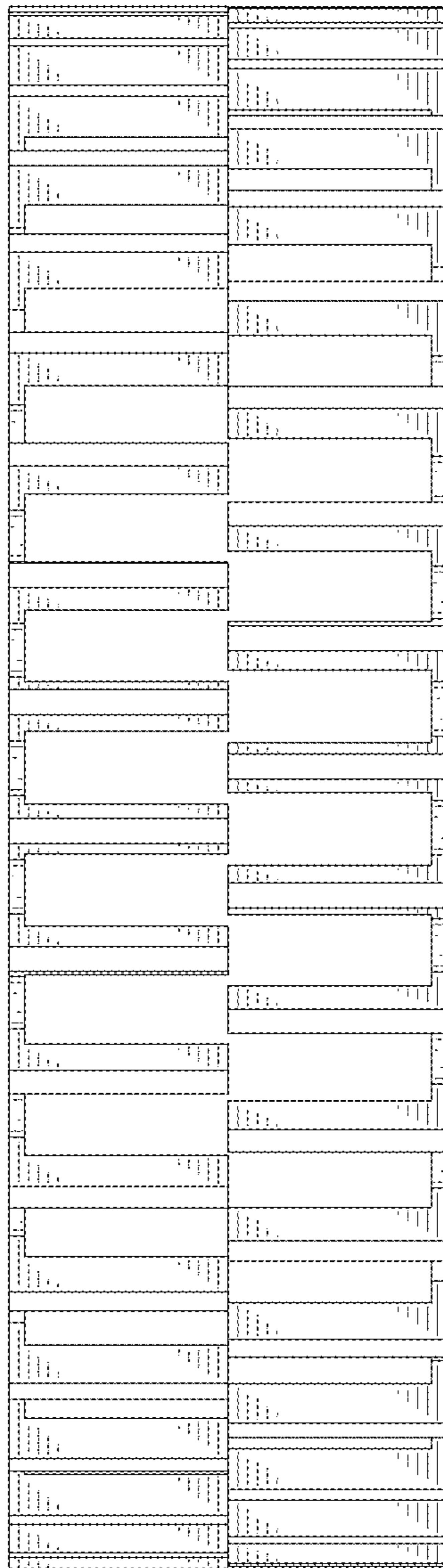


FIG. 8