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

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(54) **DRIVER FOR SPEAKER**

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

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(30) **Foreign Application Priority Data**

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(51) **LOC (13) Cl.** **14-01**

(52) **U.S. Cl.**
USPC **D14/222**

(58) **Field of Classification Search**

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D14/223, 224, 224.1, 225, 227, 228, 229,
D14/299, 204, 209, 185

CPC . H04R 1/00; H04R 1/02; H04R 1/323; H04R
1/326; H04R 1/403; H04R 1/406; H04R
1/222; H04R 1/023; H04R 7/00; H04R
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2400/00; H04R 17/02; H04R 29/004;
H04R 29/005; H04R 19/00; H04R
2420/07; H04R 2410/00

See application file for complete search history.

(56) **References Cited**

U.S. PATENT DOCUMENTS

D282,163 S * 1/1986 Seebinger D14/222
D527,245 S * 8/2006 Kelleghan D8/356
D691,598 S * 10/2013 Fuller D14/224
D756,973 S * 5/2016 Wright D14/224

D800,194 S * 10/2017 Sewell D15/148
D817,371 S * 5/2018 Karol D15/148
D817,372 S * 5/2018 Karol D15/148
D824,972 S * 8/2018 Karol D15/148
D831,718 S * 10/2018 Zhu D15/148
D841,456 S * 2/2019 Barwick D8/399
D853,891 S * 7/2019 Scandlon D12/123
D858,487 S * 9/2019 Proni D14/219
D866,910 S * 11/2019 Andersen D34/29
D880,445 S * 4/2020 Deyaf D14/204

(Continued)

FOREIGN PATENT DOCUMENTS

CN 304891428 * 11/2018
CN 306065999 * 9/2020

(Continued)

OTHER PUBLICATIONS

JS100-C1 Compact Loud Speaker, announced 2020 [online], retrieved Jan. 14, 2022, retrieved from internet, <https://www.juluens.com.tw/product-info.php?id=192>.*

(Continued)

Primary Examiner — Messina L Smith

(57) **CLAIM**

The ornamental design for a driver for speaker, as shown and described.

DESCRIPTION

FIG. 1 is a perspective view of a driver for speaker showing my new design;

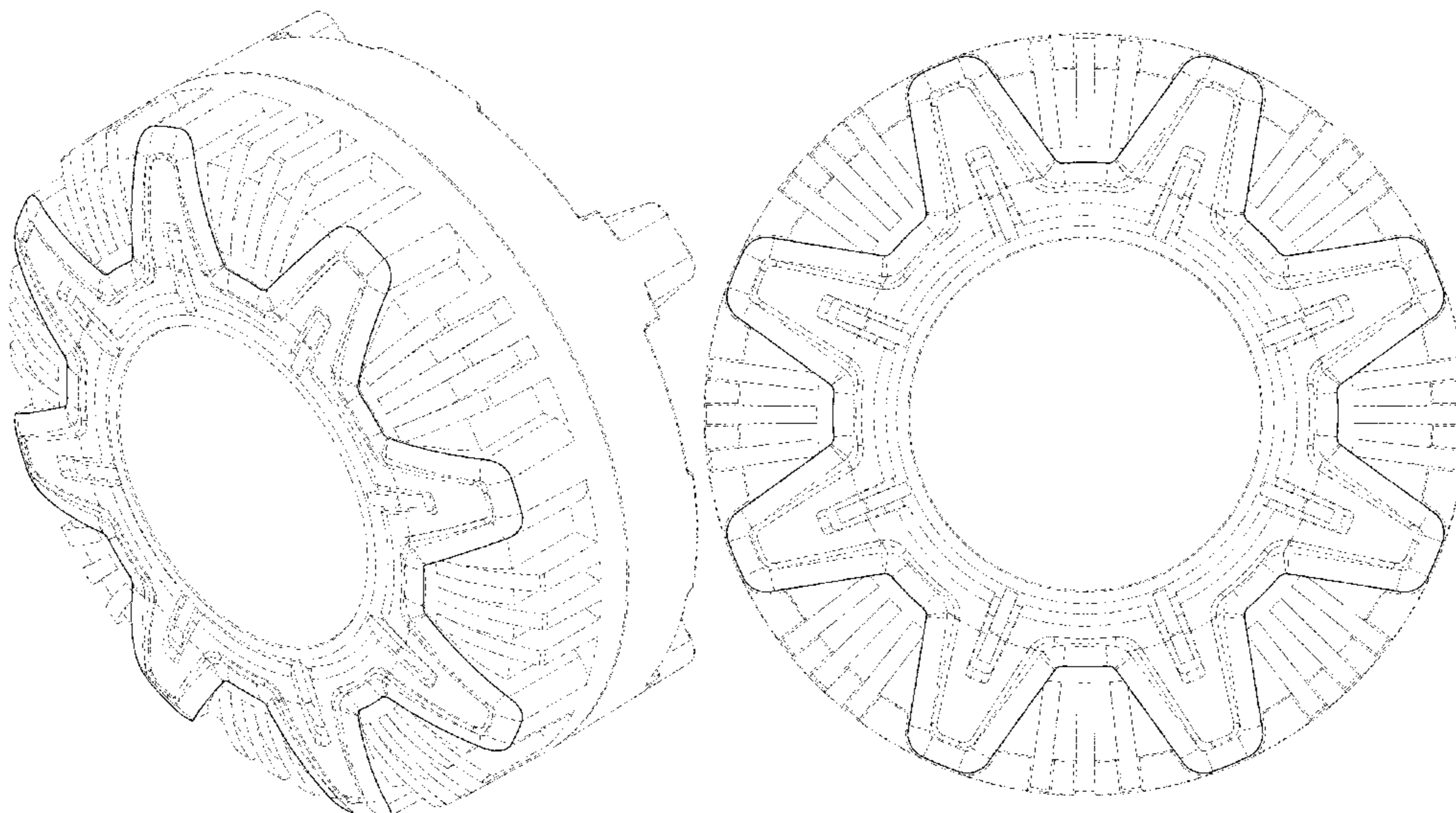
FIG. 2 is a front view thereof;

FIG. 3 is a left side view thereof, the right side view being a symmetrical mirror image thereof; and,

FIG. 4 is a top view thereof, the bottom view being a symmetrical mirror image thereof.

The broken lines depict portions of the driver for speaker that form no part of the claimed design.

1 Claim, 4 Drawing Sheets



(56)

References Cited

U.S. PATENT DOCUMENTS

D881,998 S	*	4/2020	Lam	.....	D21/455
D893,459 S	*	8/2020	Lum	.....	D14/219
D924,046 S	*	7/2021	Hurst	.....	D8/400
D924,835 S	*	7/2021	DeLuna	.....	D14/204
D931,837 S	*	9/2021	Lum	.....	D14/219

FOREIGN PATENT DOCUMENTS

CN	306687498	*	7/2021
KR	300754493.0000	*	7/2014
WO	D208031-001	*	4/2020

OTHER PUBLICATIONS

Gold 8 Point Star, announced © 2019 [online], retrieved Jan. 14, 2022, retrieved from internet, <https://fickleflipflops.com/product/gold-8-point-star/>.*

Sprocket 8 Tooth 1.25 Bore 5/16 Key, announced © 2021 [online], retrieved Jan. 14, 2022, retrieved from internet, <https://farmequipparts.com/products/sprocket-8-tooth-1-25-bore-5-16-key>.*

8mm Pitch Steel Set-Screw Sprocket, announced © 2021 [online], retrieved Jan. 14, 2022, retrieved from internet, <https://www.gobilda.com/3307-series-8mm-pitch-steel-set-screw-sprocket-6mm-d-bore-10-tooth/>.*

8 Tooth #40/#41/420 Chain Sprocket, announced Feb. 17, 2020 [online], retrieved Jan. 14, 2022, retrieved from internet, <https://www.monsterscooterparts.com/go-cart-parts/go-kart-categories/sprockets-for-go-karts/8-tooth-40-41-420-chain-sprocket-for-20-30-series-torque-converters-5-8-inside-diameter.html>.*

Electric Scooter 8 Tooth Sprocket, announced © 2020 [online], retrieved Jan. 14, 2022, retrieved from internet, <https://www.zoodmall.com/en/product/12828715/electric-scooter-8-tooth-sprocket-410-chain-motor-12inch-x18inch-engine-chain-pinion-8t-gear-for-my1020-motor/>.*

Tiny 8 Point Star Stud Earrings, announced 2020 [online], retrieved Jan. 14, 2022, retrieved from internet, <https://www.etsy.com/listing/247296590/tiny-8-point-star-stud-earrings-in-gold>.*

Artigiano elements eight pointed star, announced 2009-2019 [online], retrieved Jan. 14, 2022, retrieved from internet, <https://www.artigianojewelbox.com/product/artigiano-elements-eight-pointed-star/>.*

JS100-C1 2020, no announcement date [online], retrieved Jan. 14, 2022, retrieved from internet, https://www.cell2.com/wp-content/uploads/2020/07/Cell2_JS100-C1_SpecSheet.pdf.*

JS100-C1 Speaker—Sound Bigger Than It's Size, announced Oct. 14 [online], retrieved Jan. 14, 2022, retrieved from internet, <https://www.youtube.com/watch?v=-ErbeeECYT0>.*

Willy Wonka & the Chocolate Factory. Directed by Mel Stuart. Wolper Pictures and The Quaker Oats Company, 1971.*

* cited by examiner

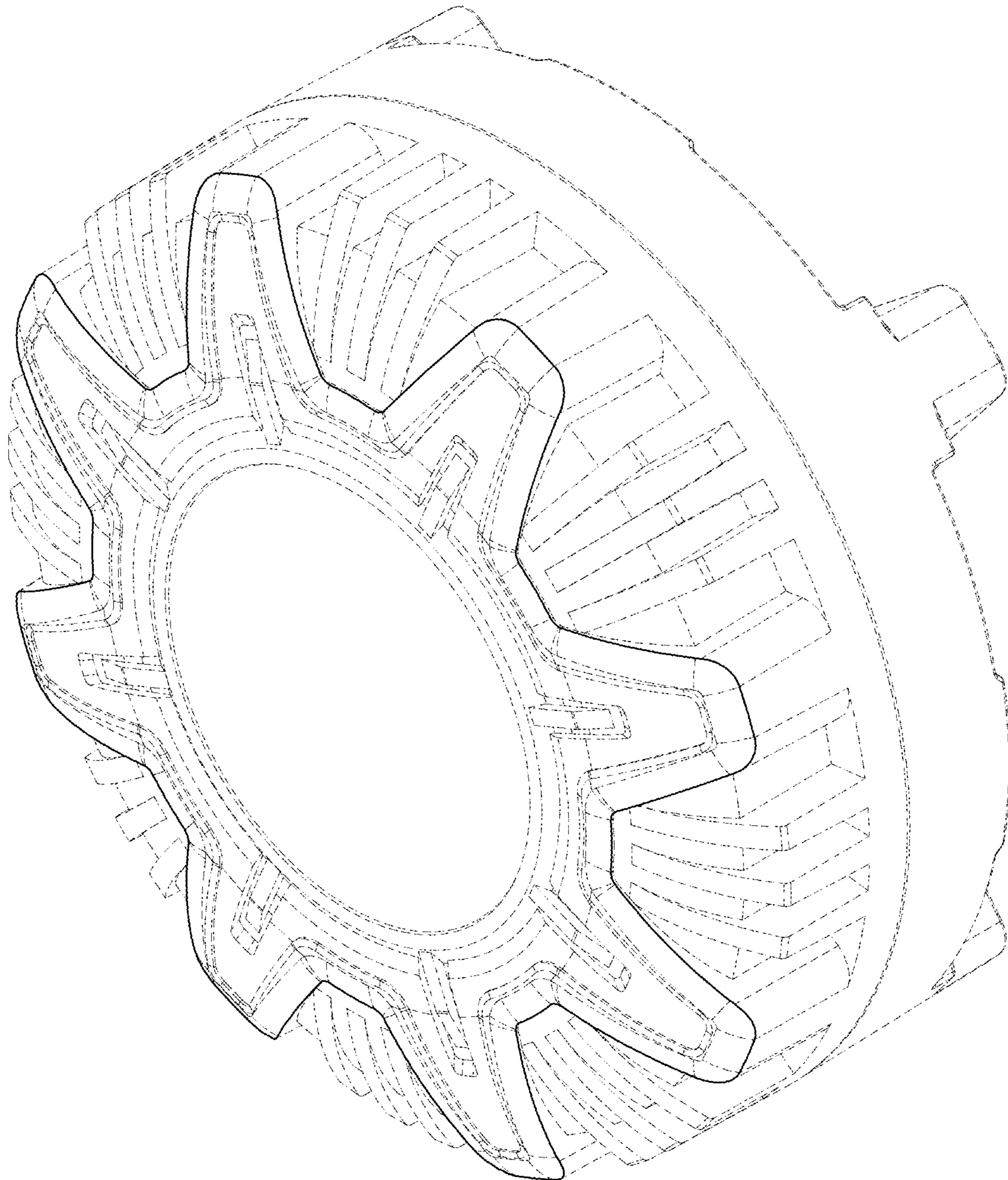


FIG. 1

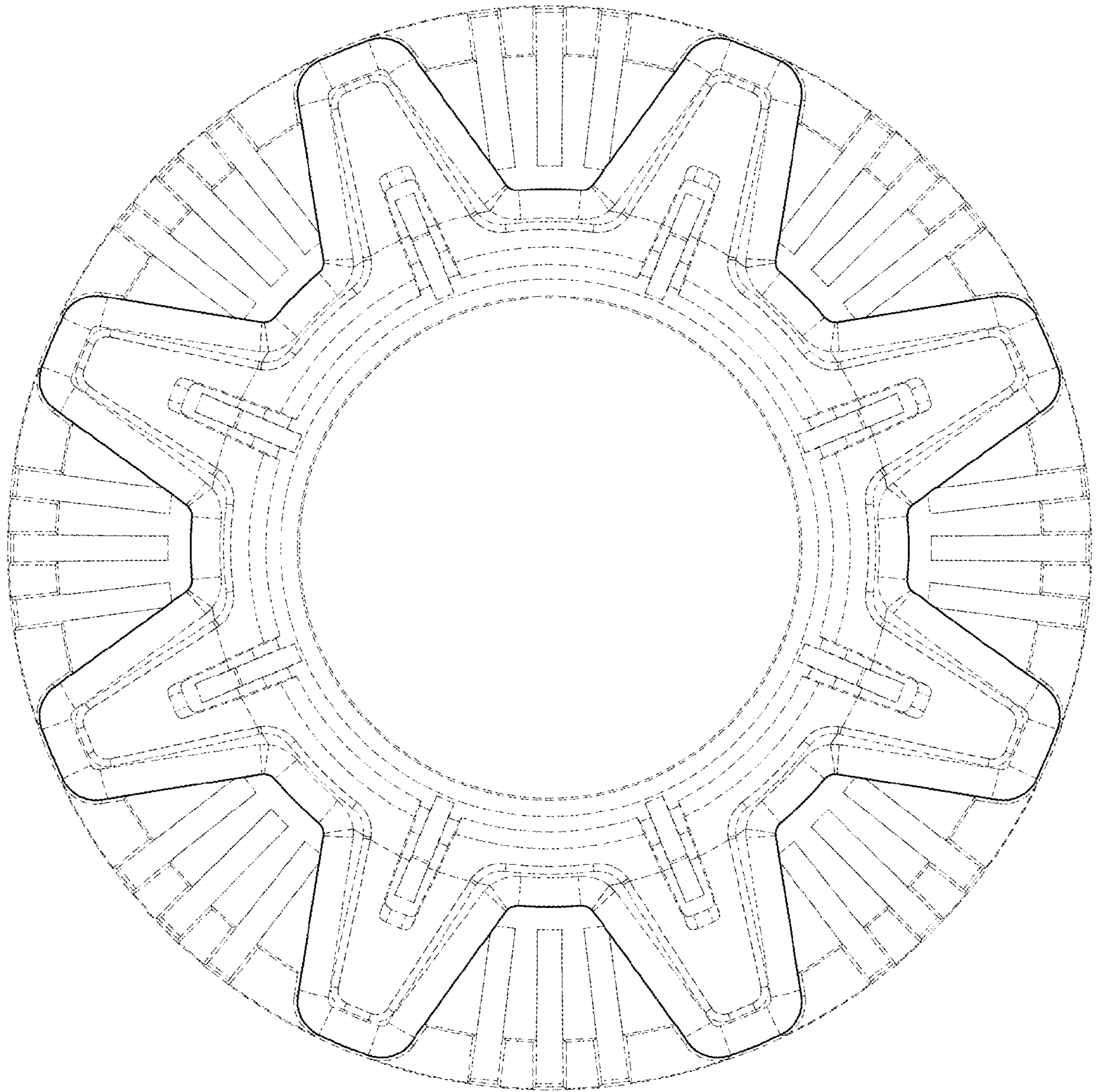


FIG. 2

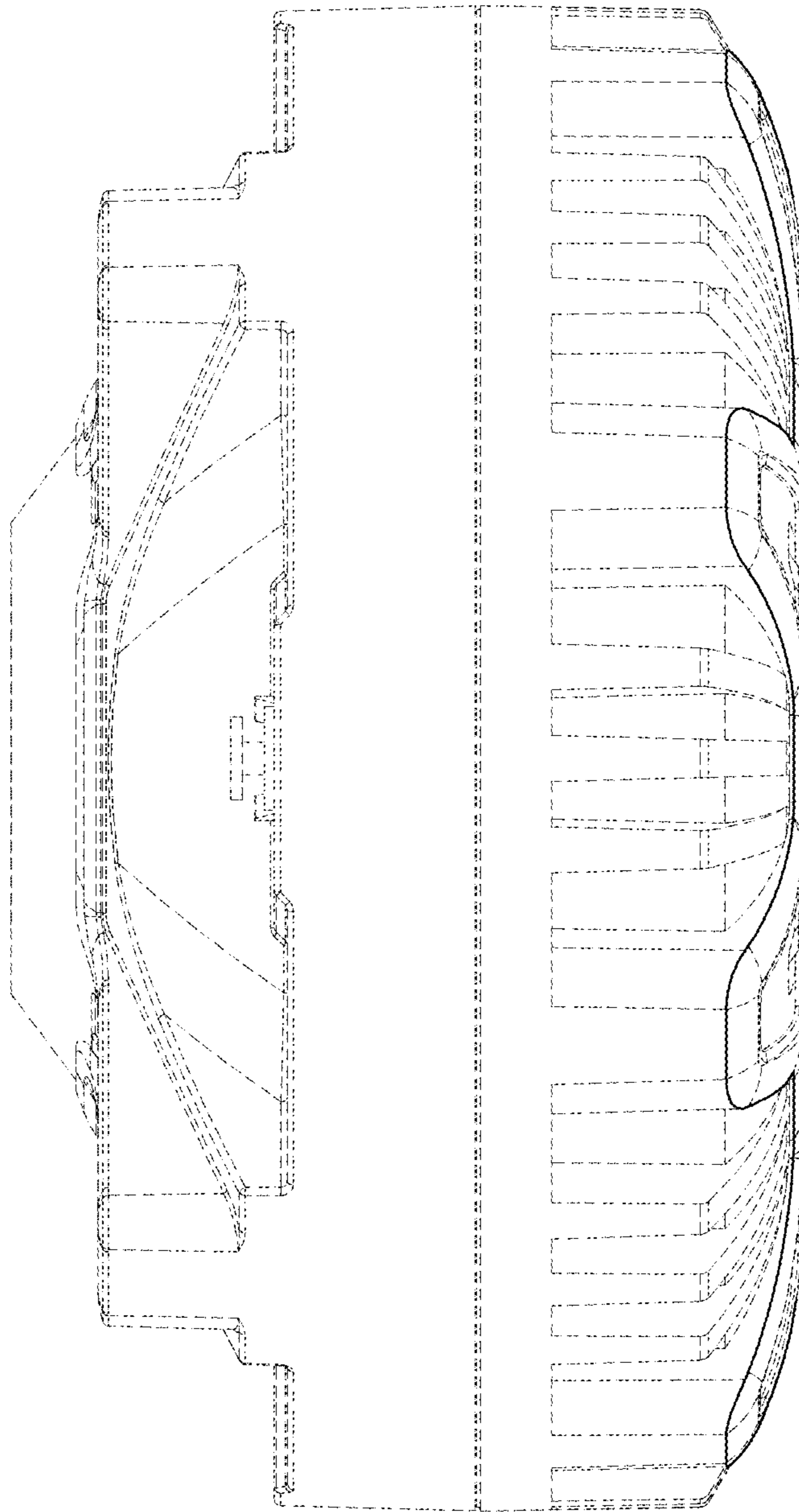


FIG. 3

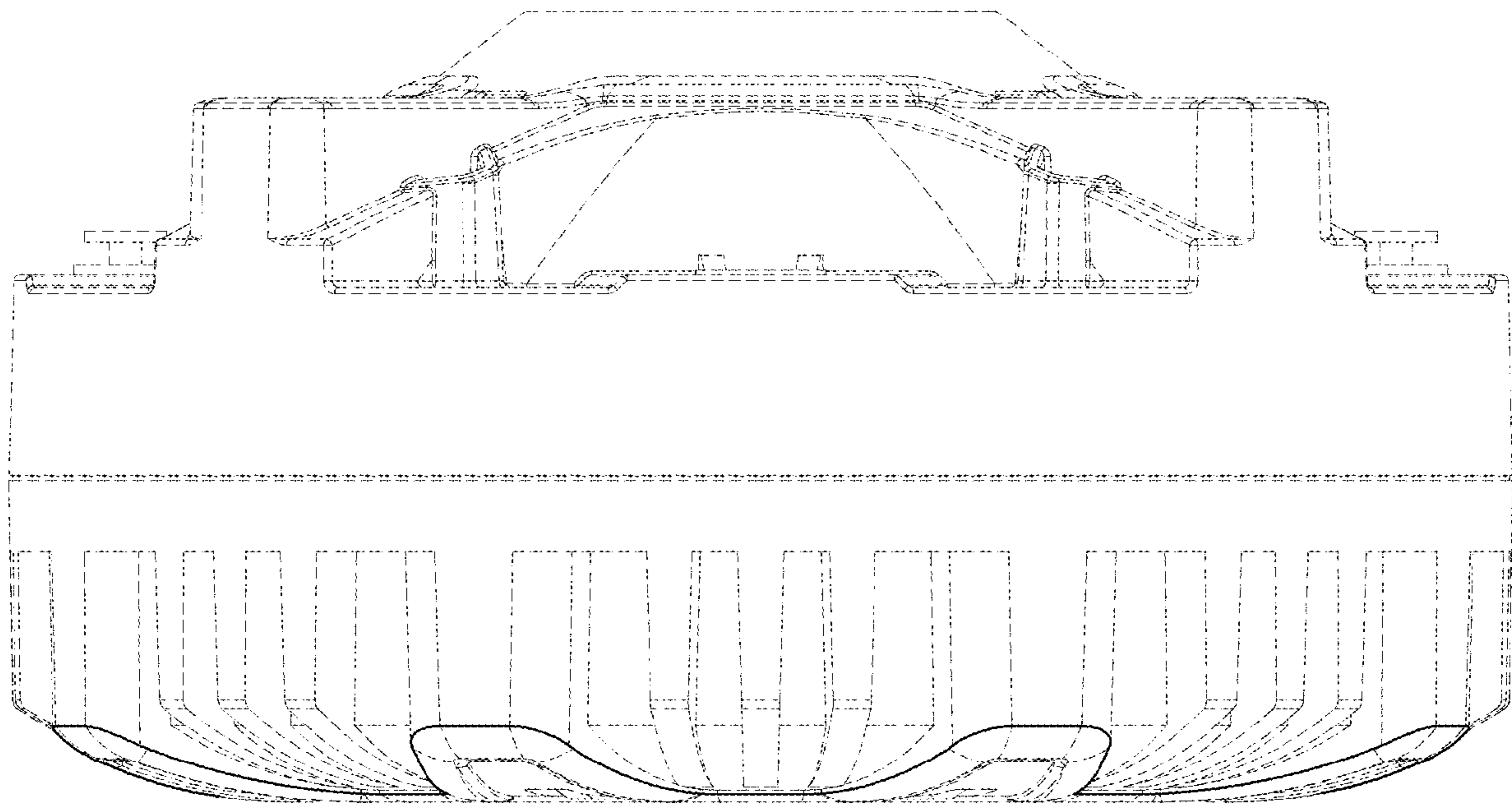


FIG. 4