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(12) **United States Design Patent** (10) **Patent No.:** **US D855,022 S**
Chen et al. (45) **Date of Patent:** **** Jul. 30, 2019**

(54) **HELICAL WORM GEAR MOTOR**
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(**) Term: **15 Years**

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(21) Appl. No.: **29/609,041**

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(Continued)

(51) **LOC (11) Cl.** **13-01**

(52) **U.S. Cl.**
USPC **D13/112; D15/148; D15/149**

(58) **Field of Classification Search**
USPC D12/114, 124; D13/101, 112, 113, 114,
D13/199; D15/1-5, 7, 148, 149
CPC Y02T 10/6217; Y02T 10/6234; Y02T
10/7077; B60K 6/442; B60L 11/123;
B60L 11/14

See application file for complete search history.

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(57)

CLAIM

The ornamental design for a helical worm gear motor, as shown and described.

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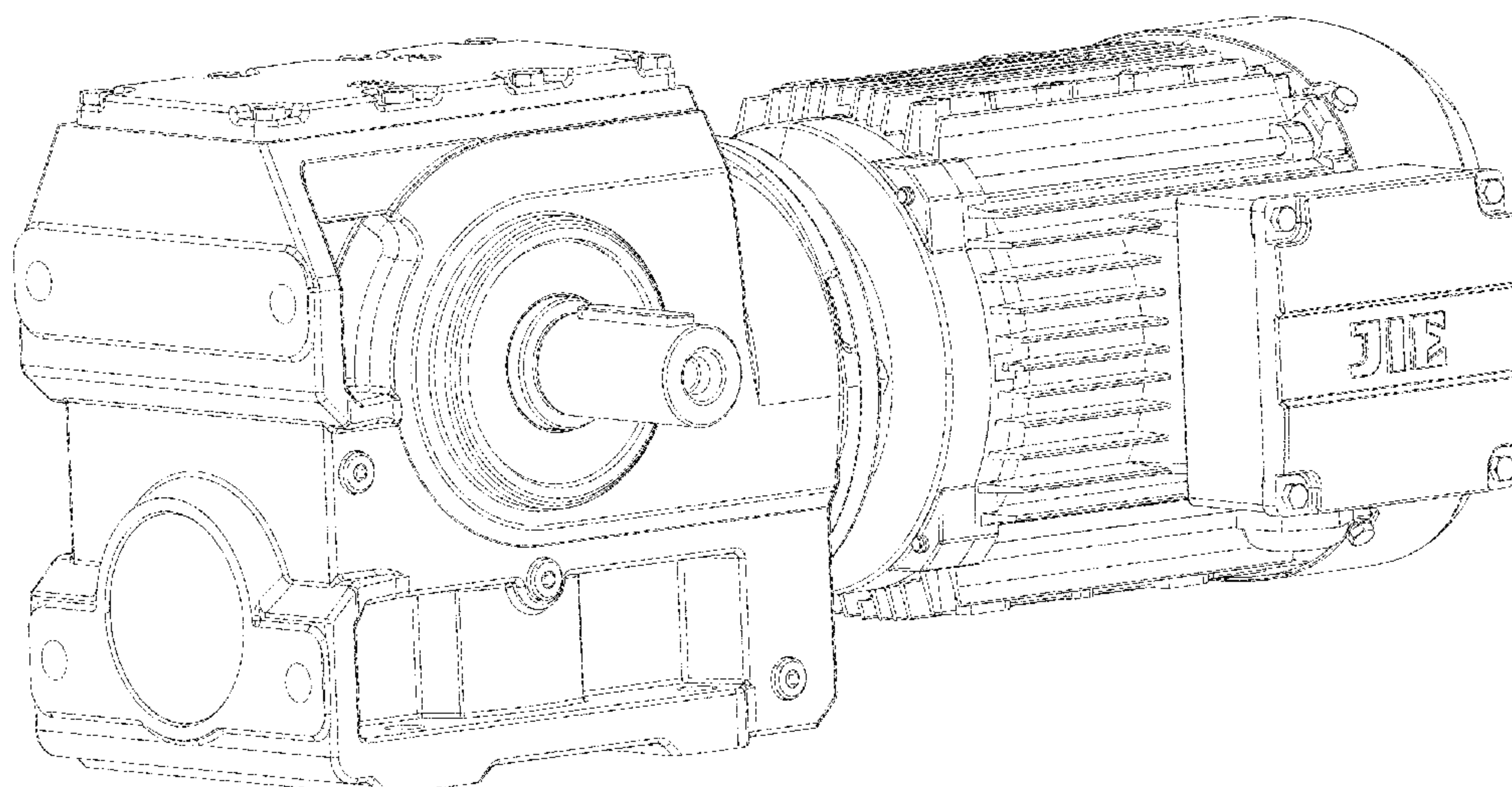
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DESCRIPTION

FIG. 1 is a perspective view of a helical worm gear motor showing our new design;
FIG. 2 is another perspective view thereof;
FIG. 3 is a front elevational view thereof;
FIG. 4 is a rear elevational view thereof;
FIG. 5 is a top plan view thereof;
FIG. 6 is a bottom plan view thereof;
FIG. 7 is a left side view in enlarge scale thereof; and,
FIG. 8 is a right side view in enlarge scale thereof.
The broken lines show portions of a helical worm gear motor that form no part of the claimed design.

1 Claim, 8 Drawing Sheets



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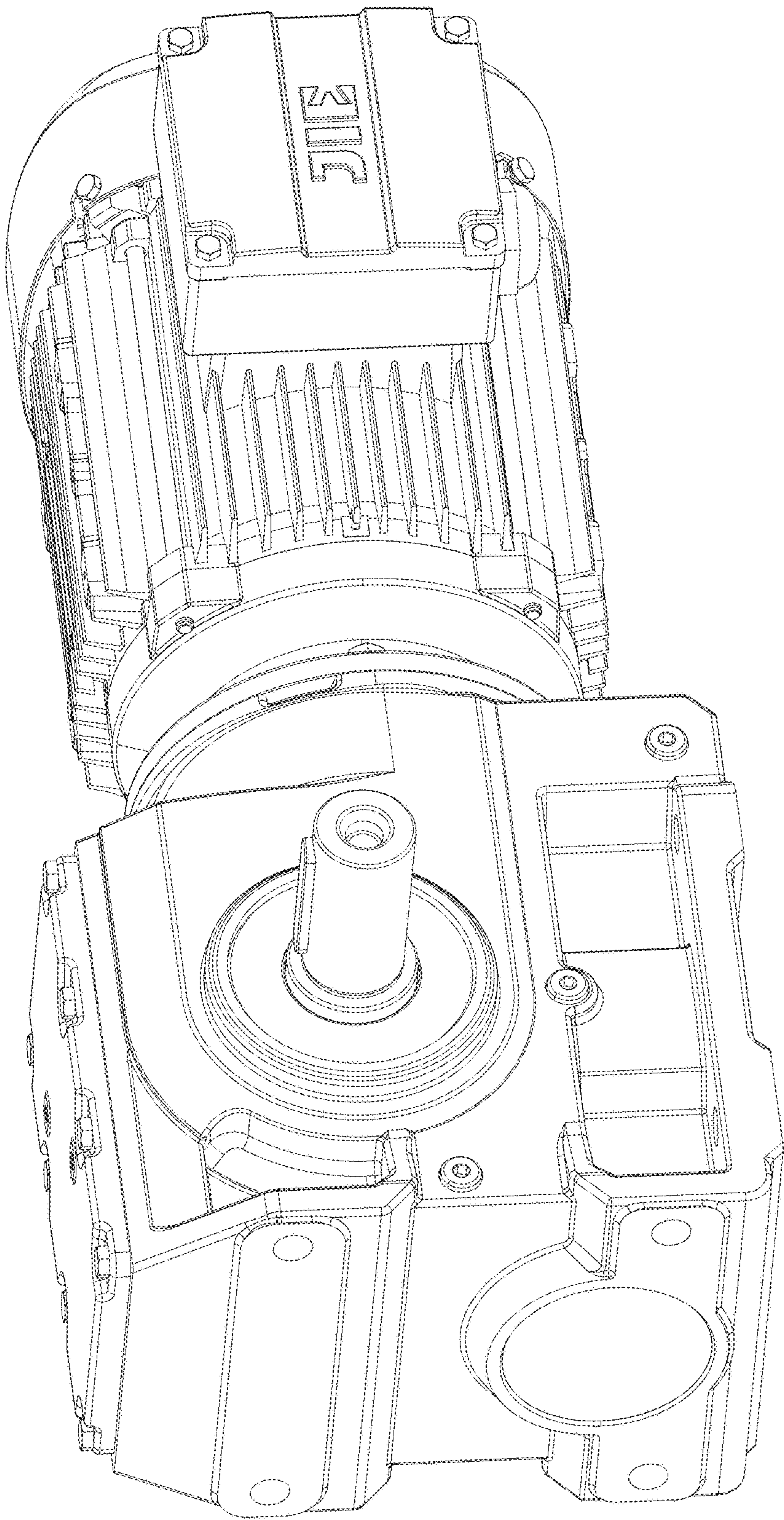


FIG. 1

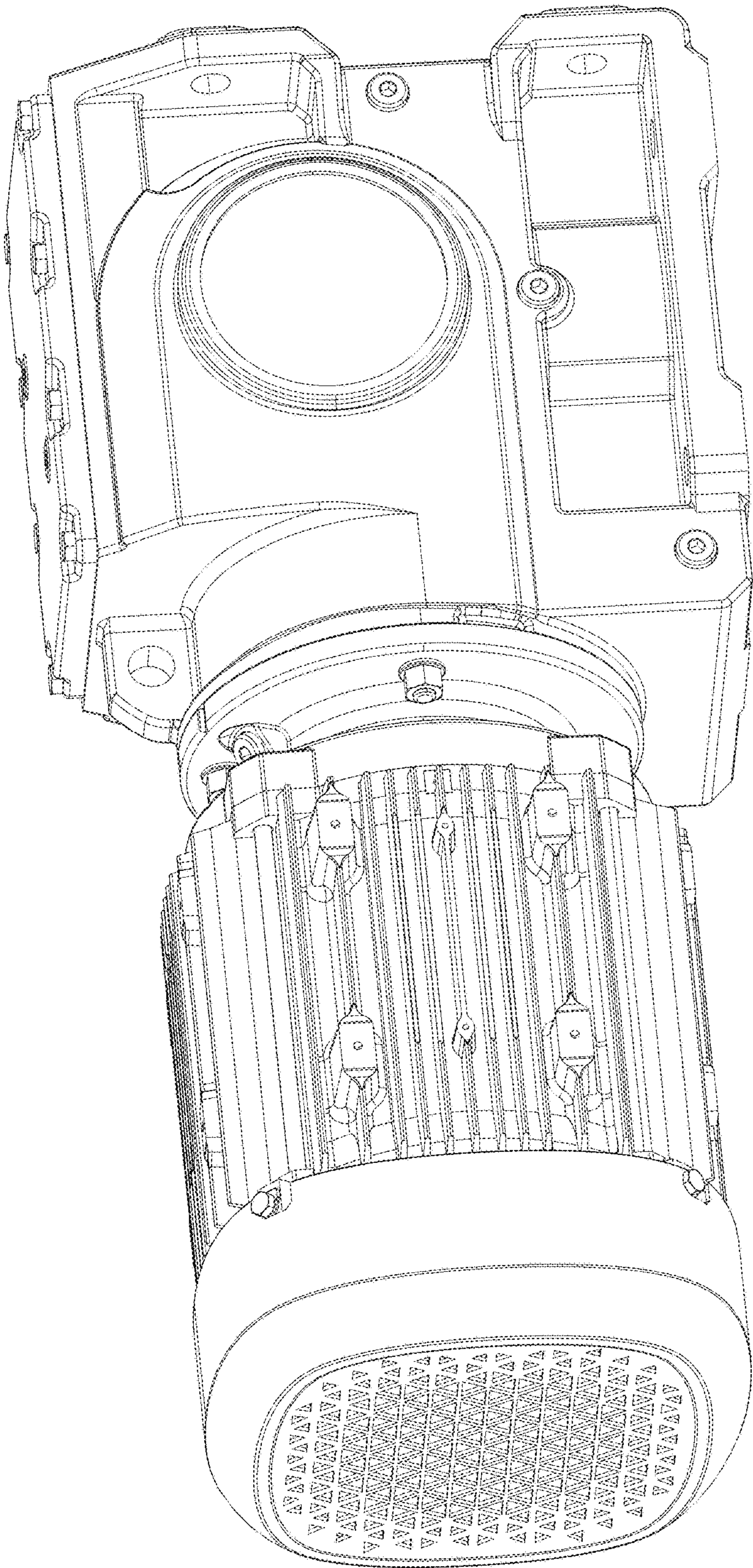


FIG. 2

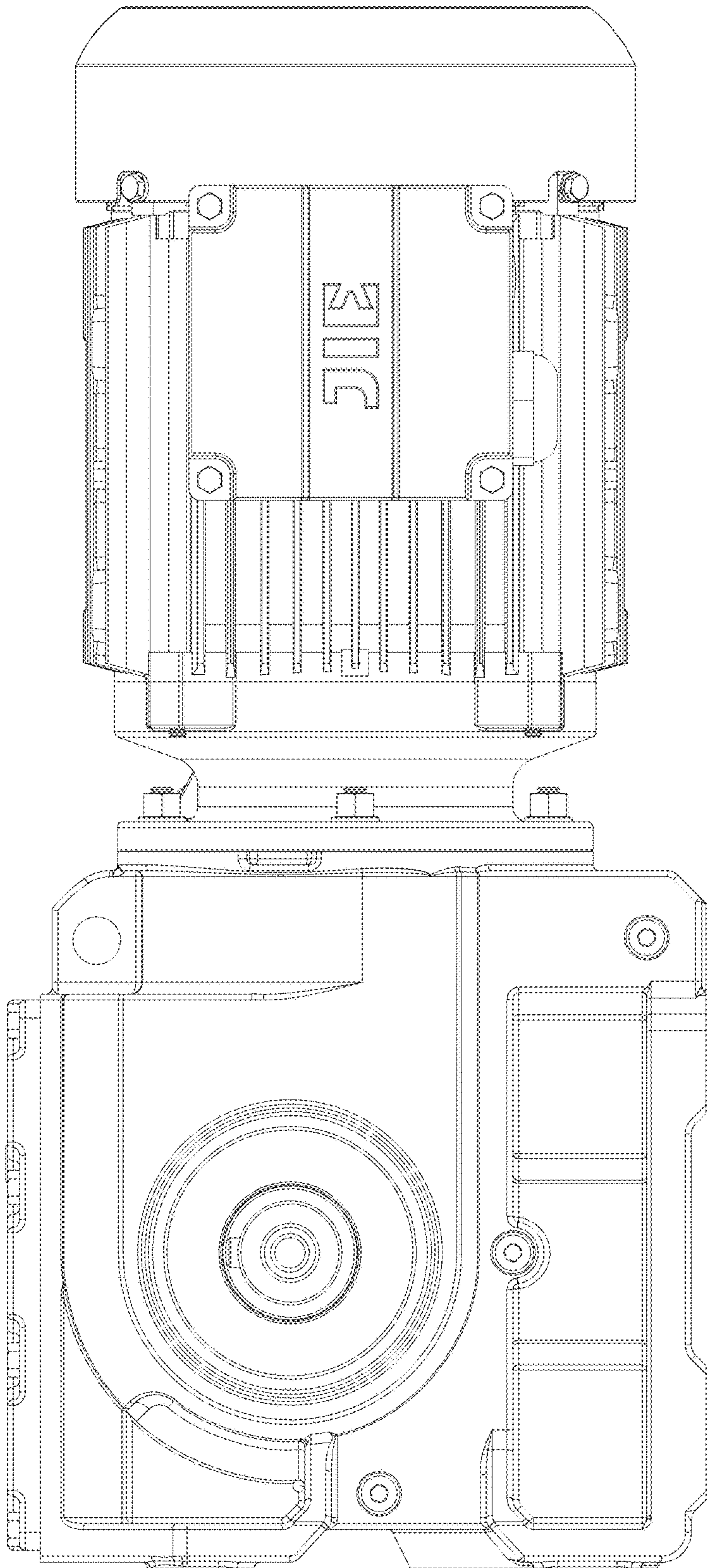


FIG. 3

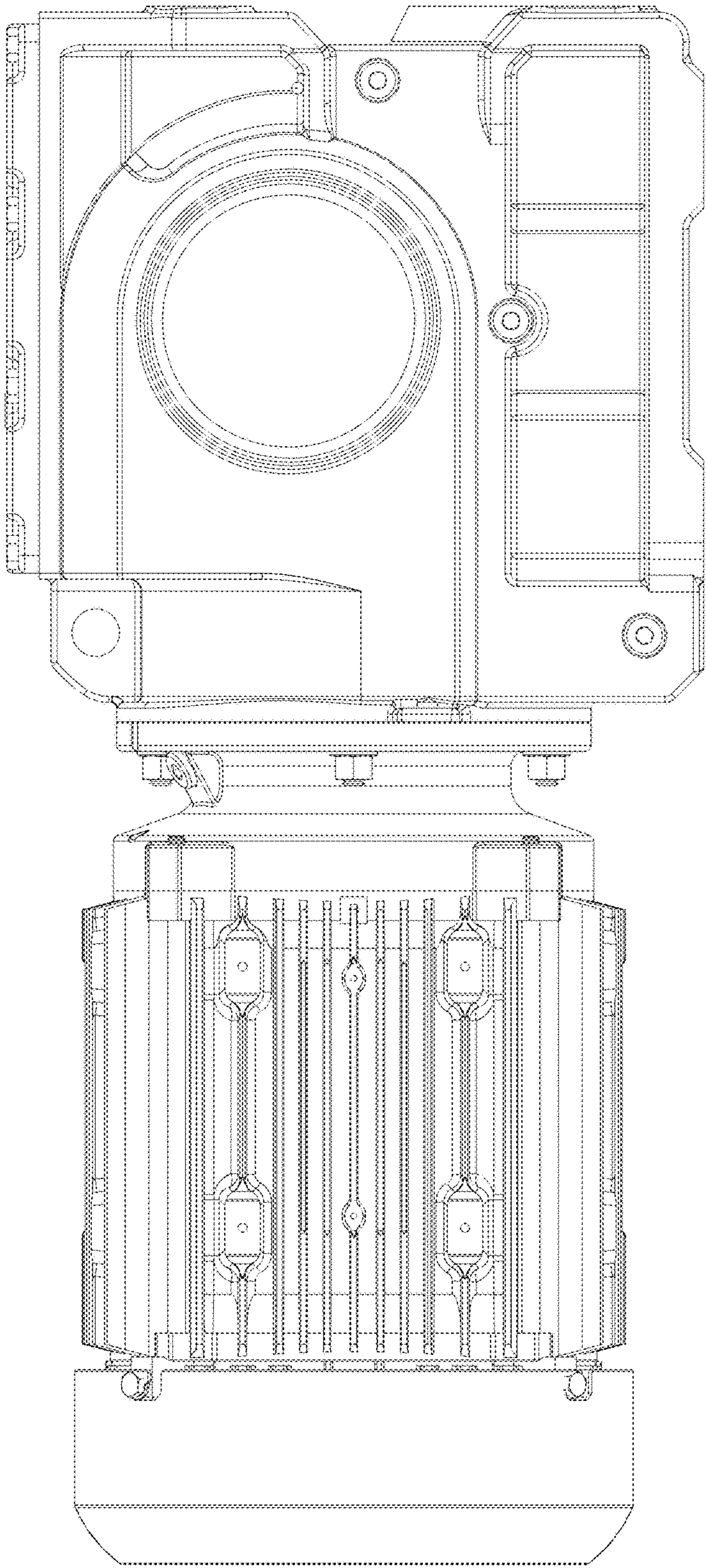


FIG. 4

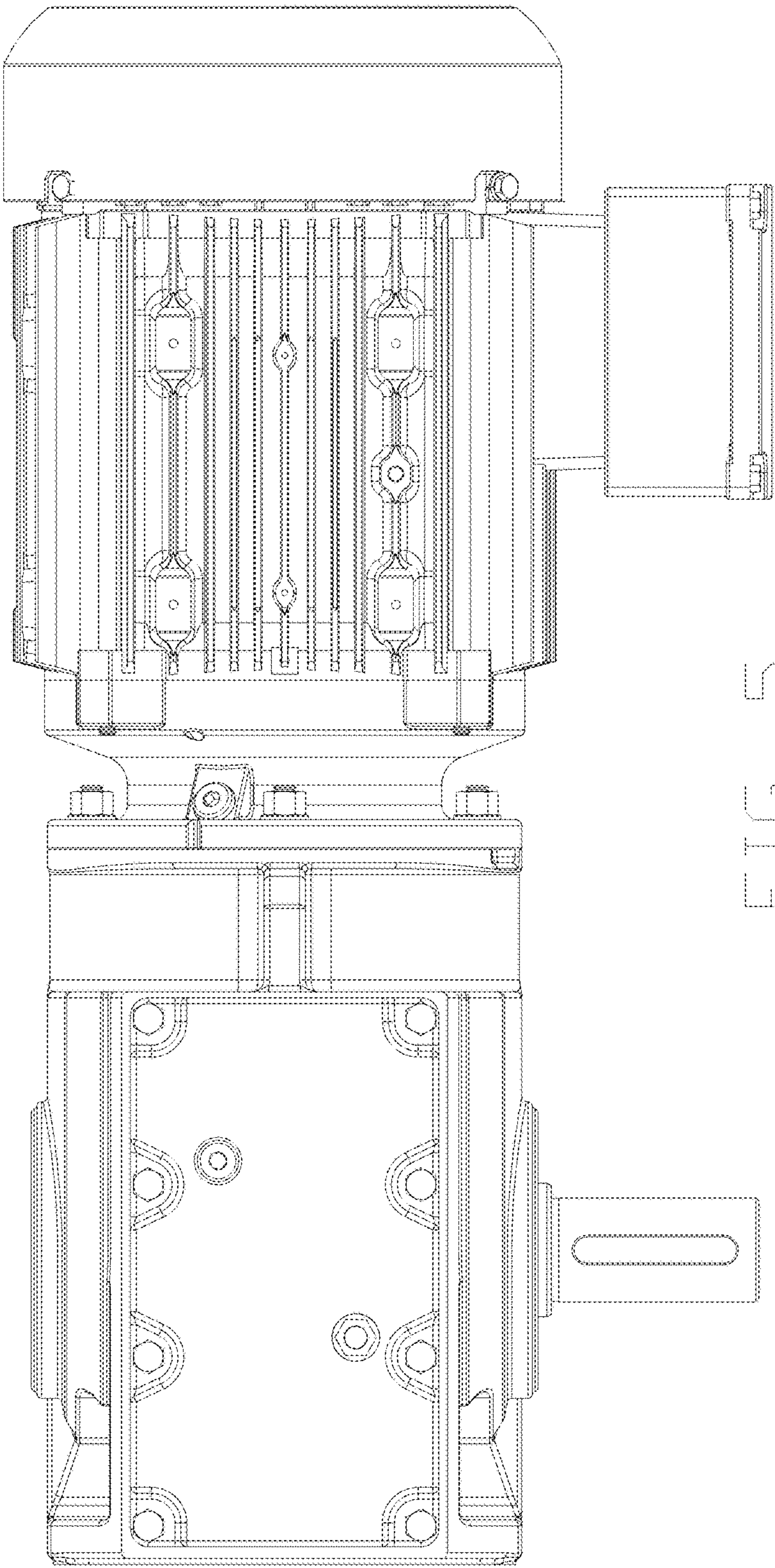


FIG. 5

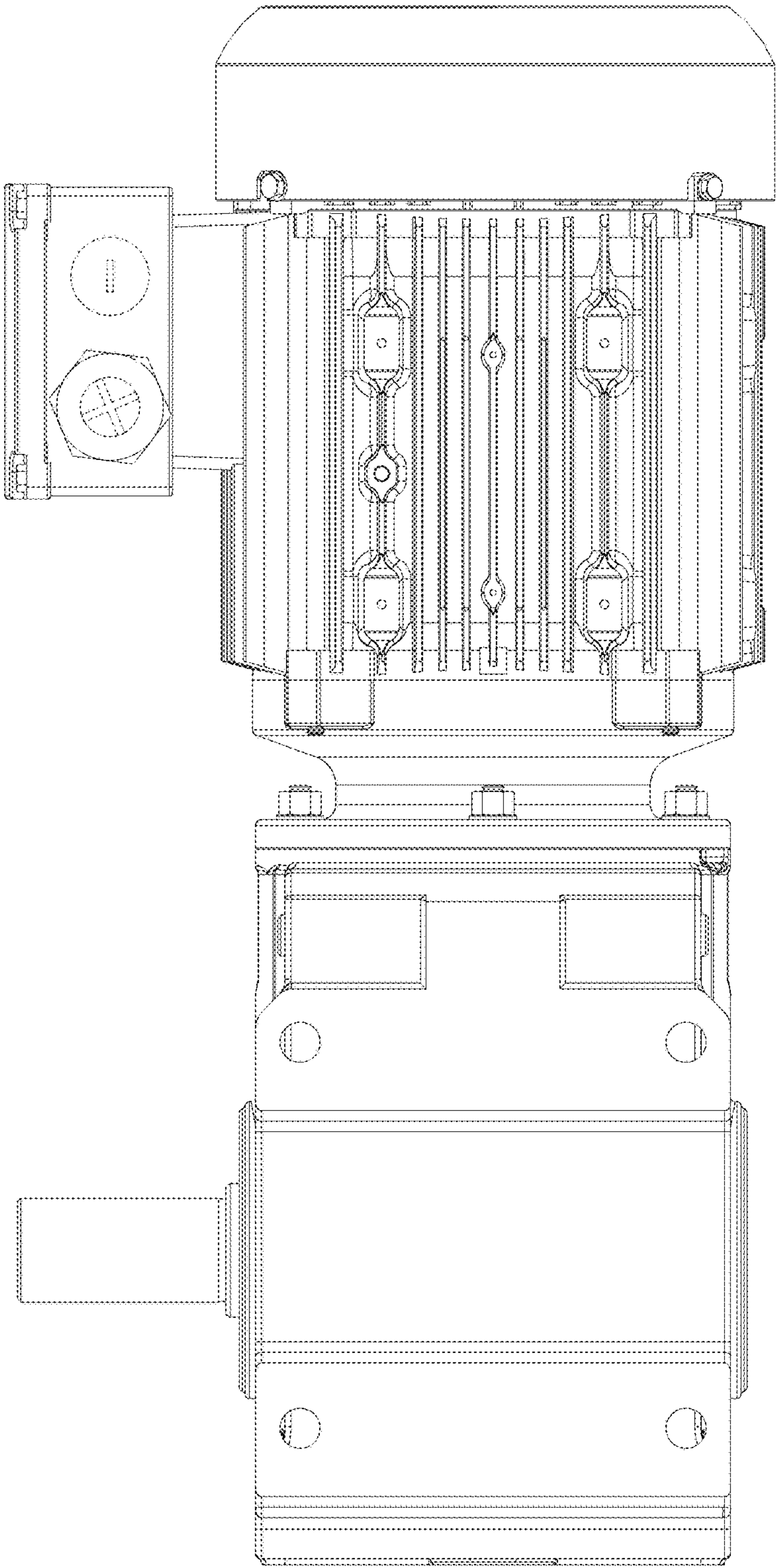


FIG. 6

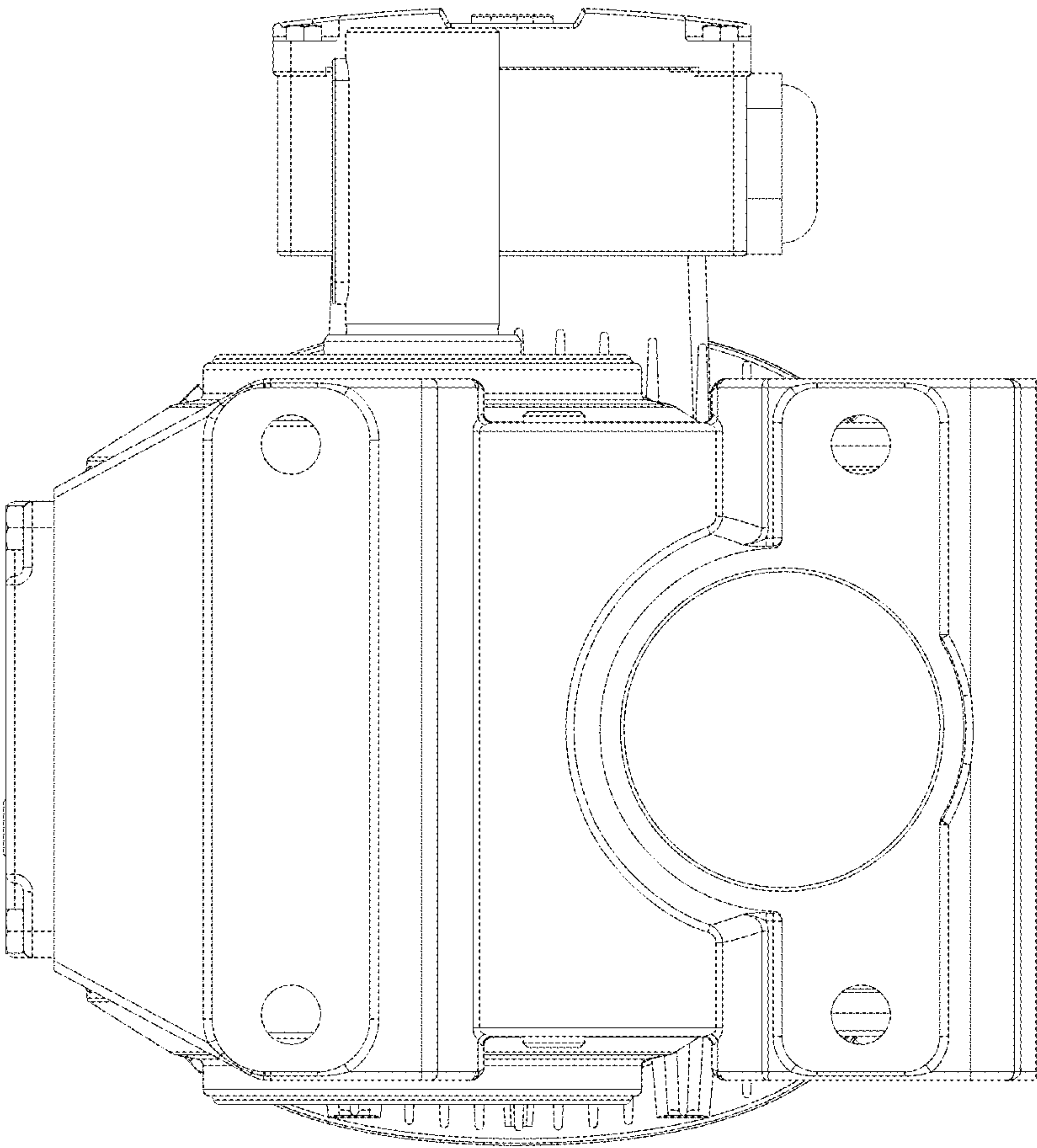


FIG. 7

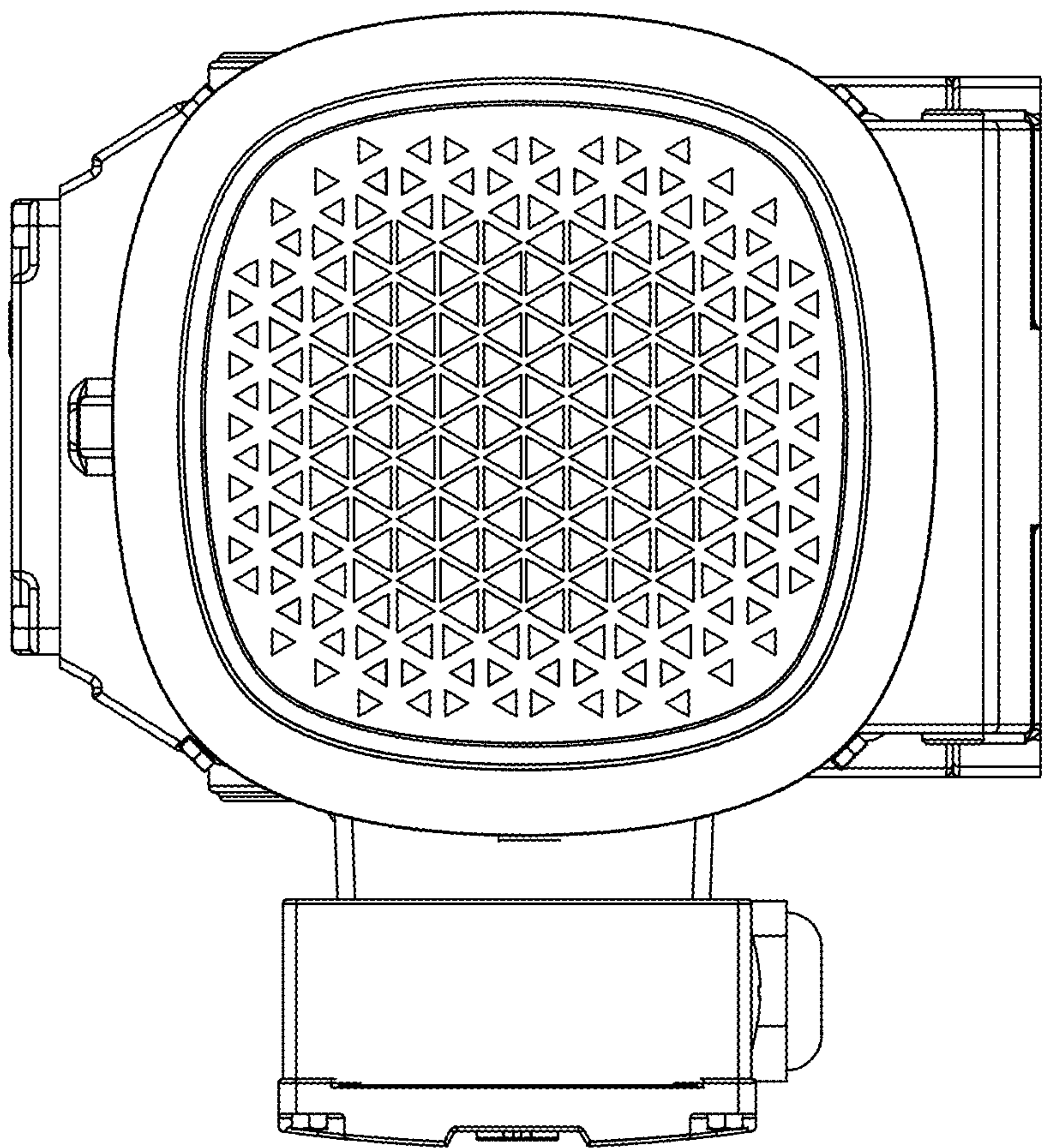


FIG. 8