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

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(54) **COMBINED FAN ASSEMBLY AND SHROUD**

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(**) Term: **14 Years**

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(51) **LOC (8) Cl.** **23-04**

(52) **U.S. Cl.** **D23/370; 23/379**

(58) **Field of Classification Search** D23/370,
D23/379; 417/423.15, 423.14; 165/67

See application file for complete search history.

(56) **References Cited**

U.S. PATENT DOCUMENTS

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7,007,744 B1 * 3/2006 Kalbacher 165/67

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(57) **CLAIM**

The ornamental design for a combined fan assembly and shroud, as shown and described.

DESCRIPTION

FIG. 1 is a front and back view of the combined fan assembly and shroud portion shown separately for clarity of illustration.

FIG. 2 is a right and left view of the combined fan assembly and shroud portion shown separately for clarity of illustration.

FIG. 3 is a top view of the combined fan assembly and shroud portion shown separately for clarity of illustration.

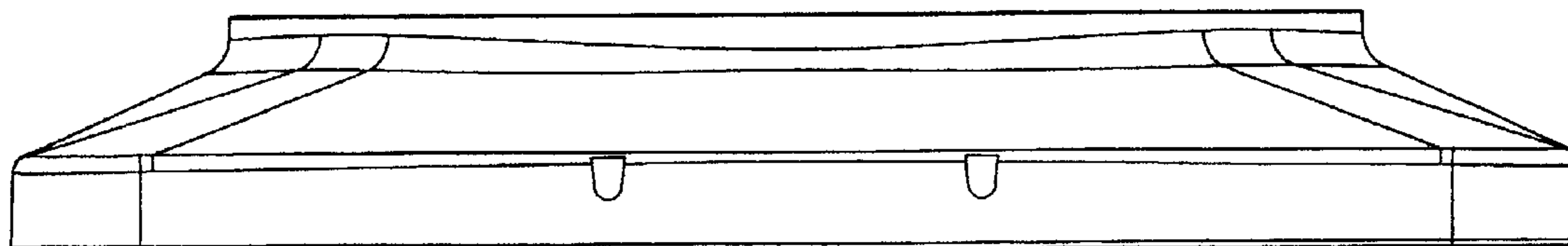
FIG. 4 is a bottom view of the combined fan assembly and shroud portion shown separately for clarity of illustration.

FIG. 5 is an isometric view of the combined fan assembly and shroud portion shown separately for clarity of illustration; and,

FIG. 6 is an isometric view of the combined fan assembly and shroud depicting the shroud with an s-blade fan installed in the shroud.

This combined fan assembly and shroud is characterized by high efficiency airflow and integral mounting points for the motor/fan assembly as well as the complete fan/shroud assembly in a single piece molded shroud.

1 Claim, 6 Drawing Sheets



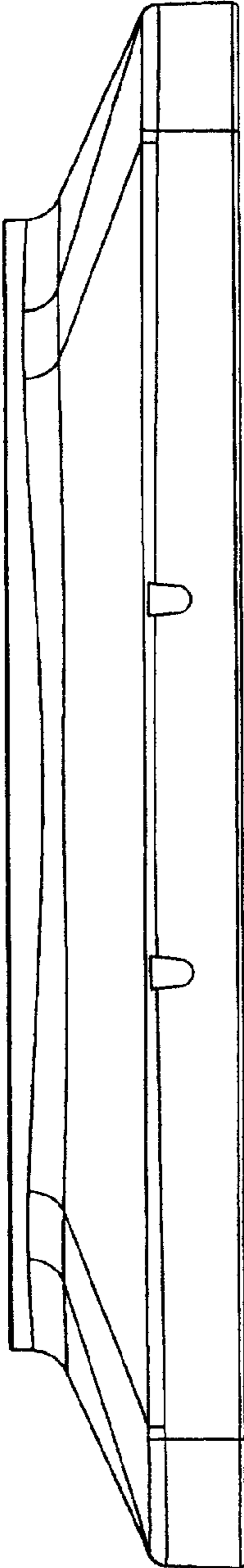


Fig. 1

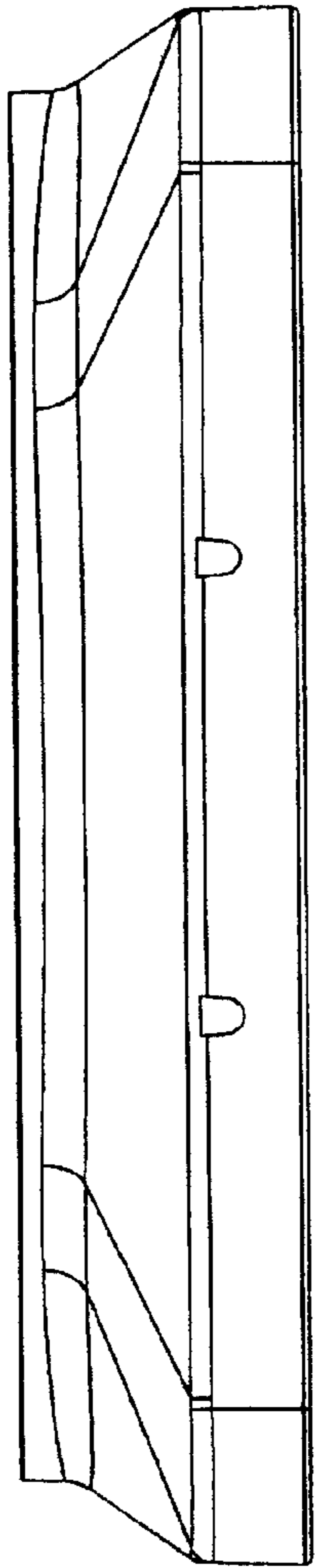


Fig. 2

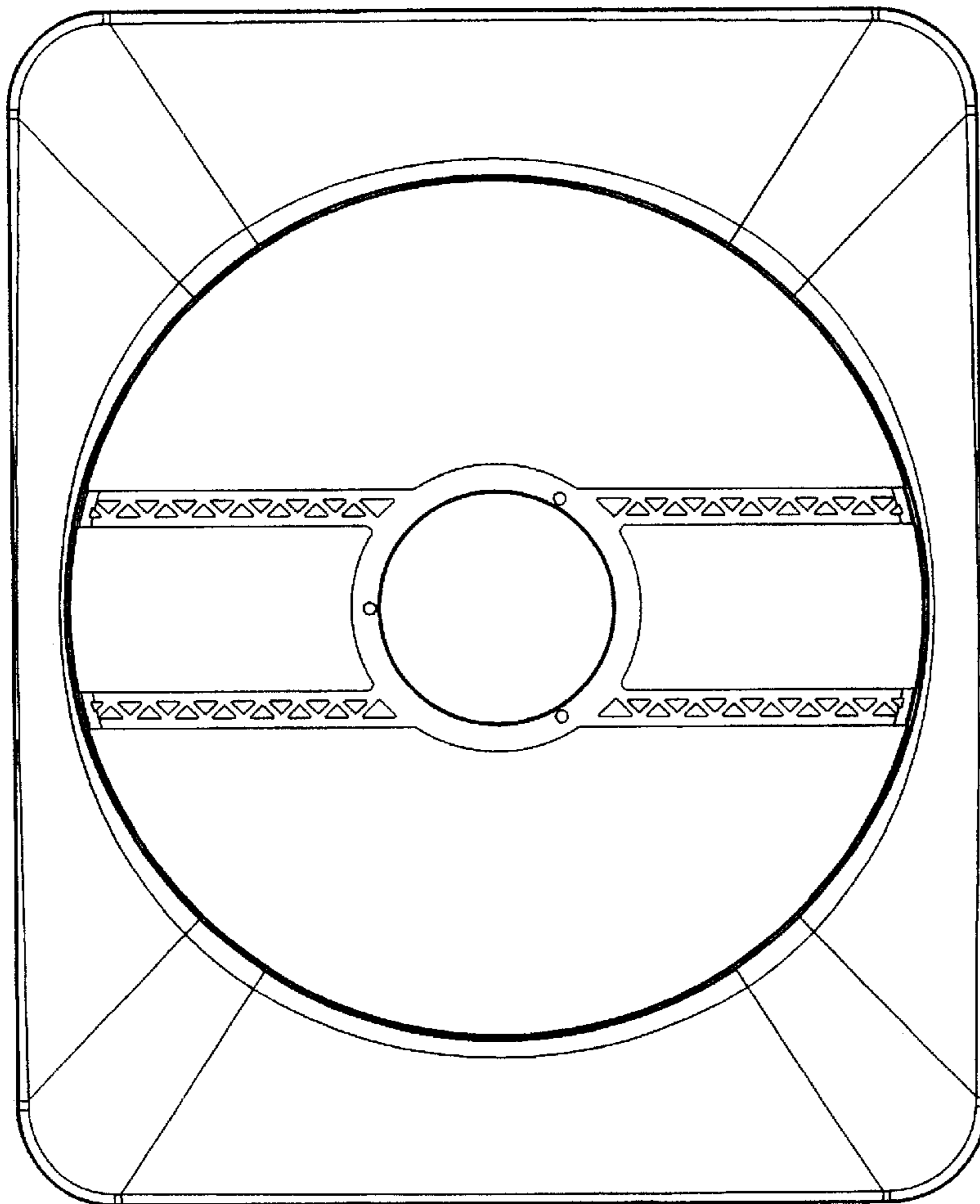


Fig. 3

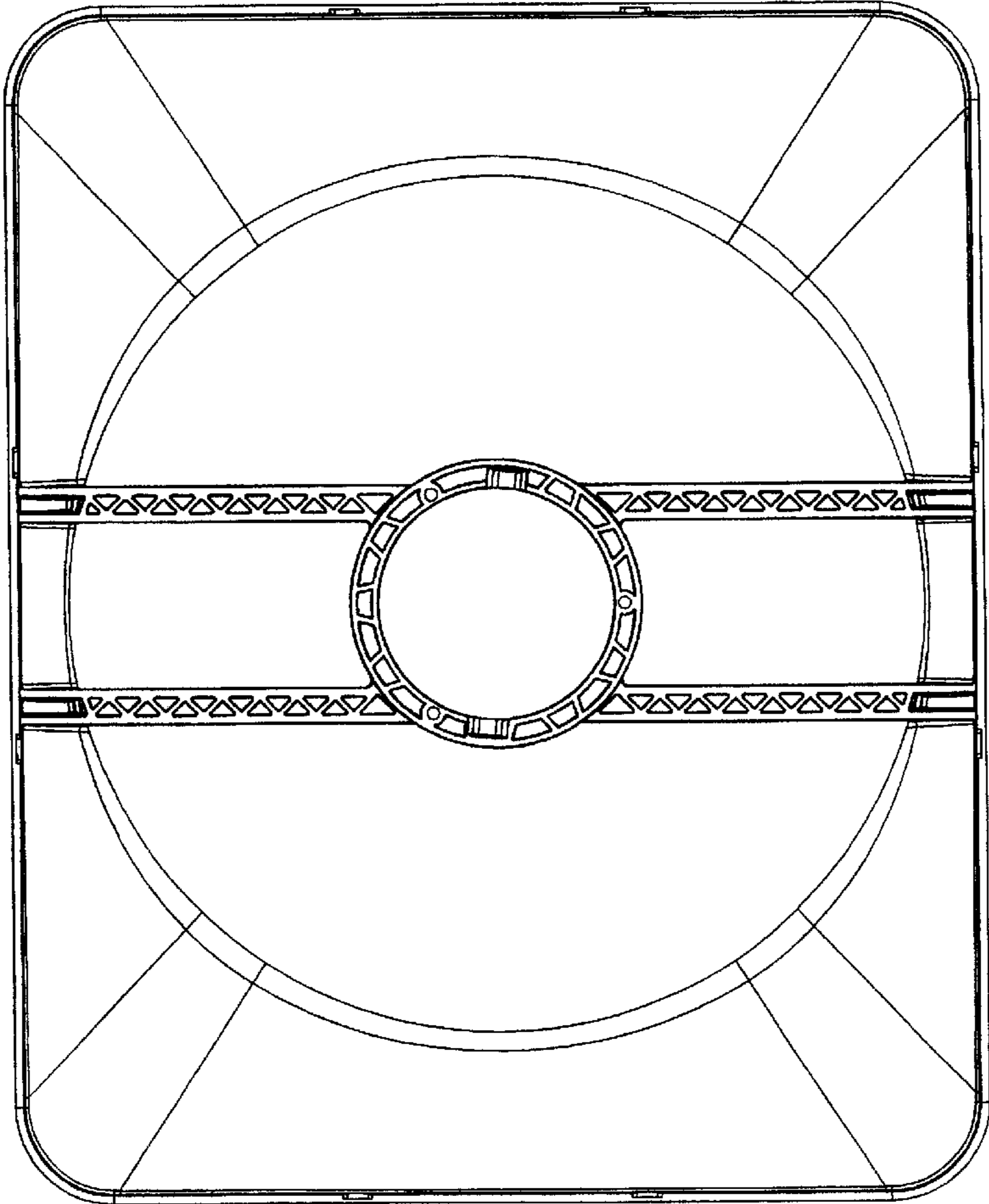


Fig. 4

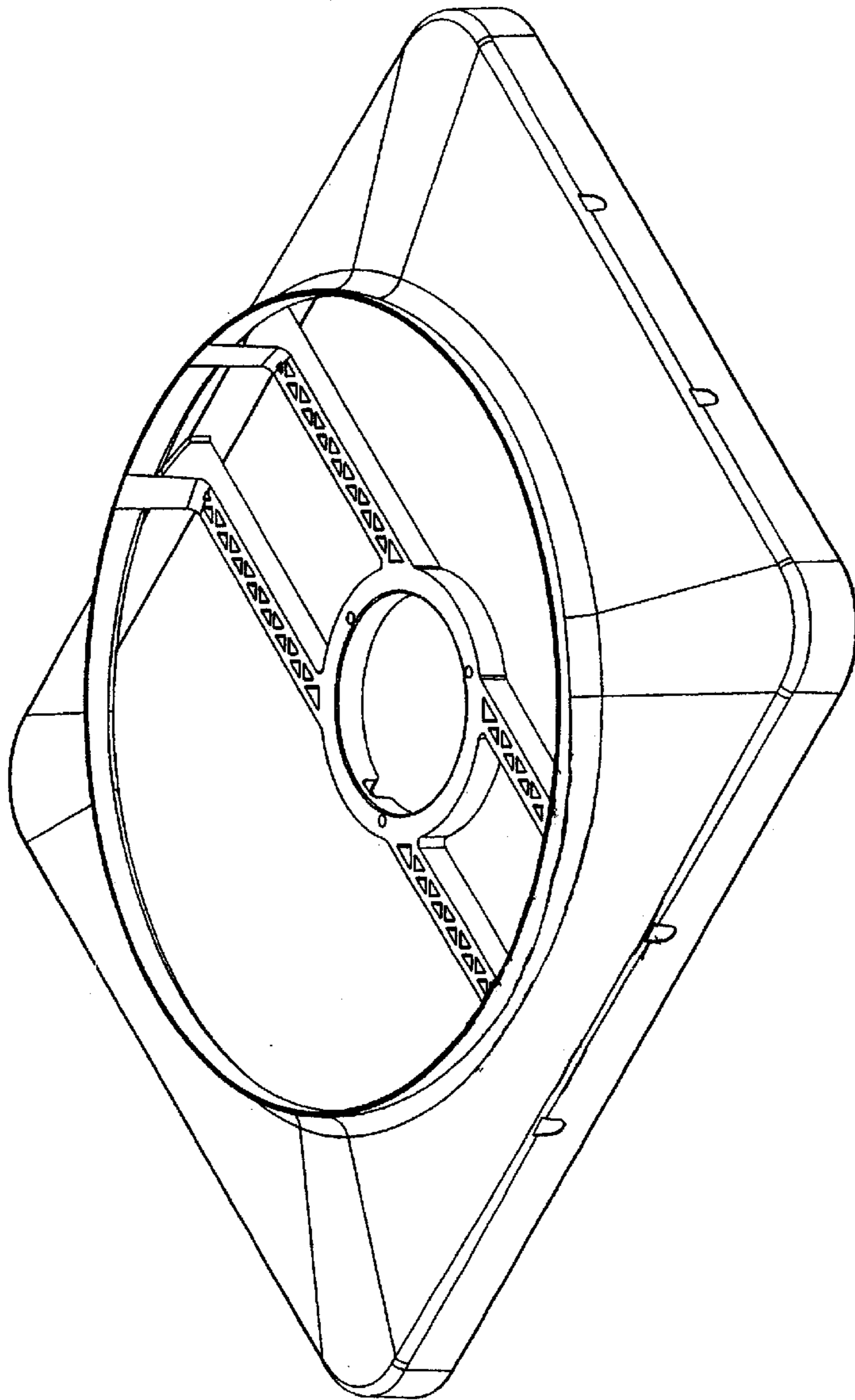


Fig. 5

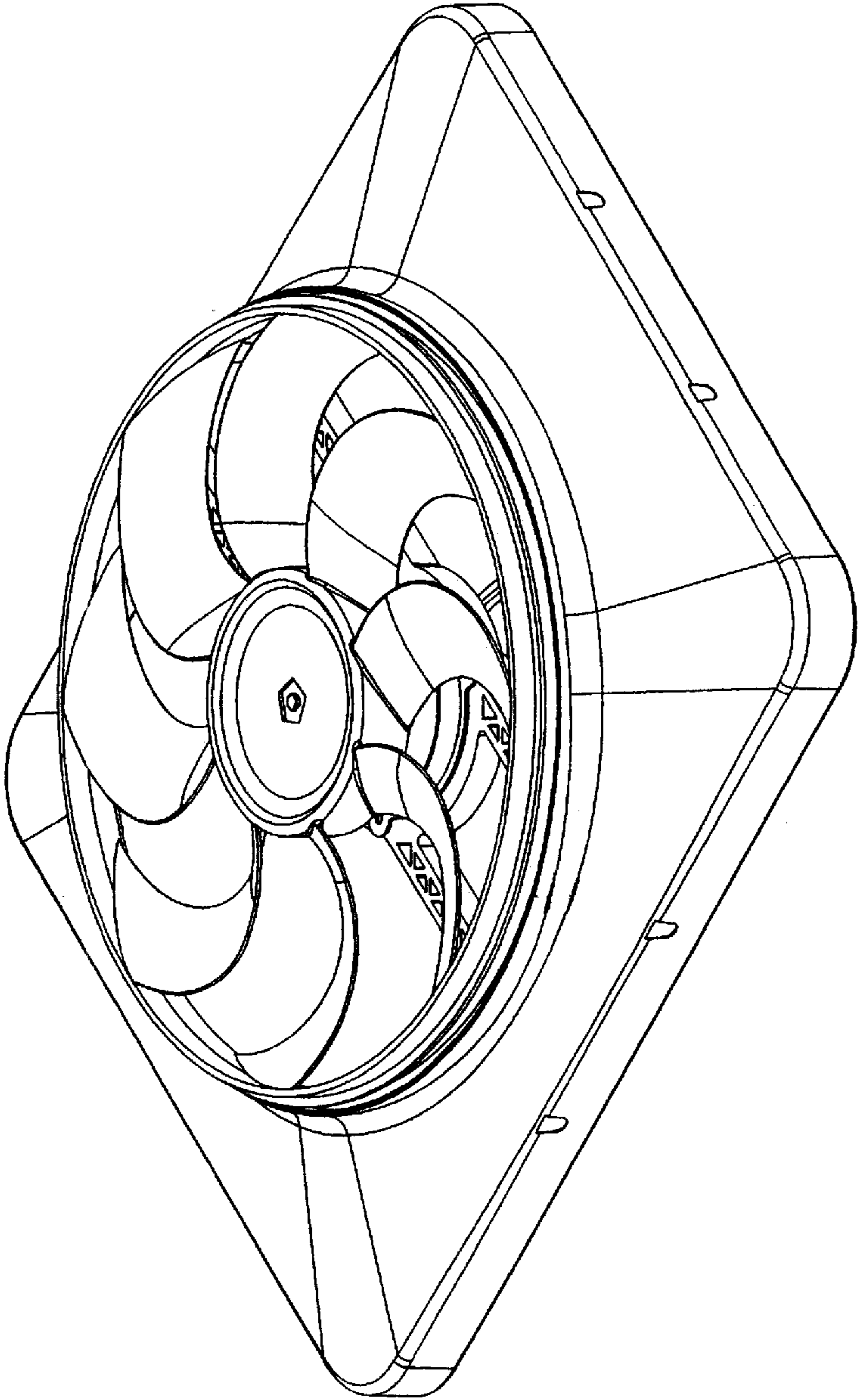


Fig. 6