



US00D532095S

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

(10) **Patent No.:** **US D532,095 S**

(45) **Date of Patent:** **** Nov. 14, 2006**

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

(75) Inventor: **Scot R. Calkins**, Olympia, WA (US)

(73) Assignee: **Flex-a-lite Consolidated, Inc.**, Fife, WA (US)

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

(21) Appl. No.: **29/214,805**

(22) Filed: **Oct. 7, 2004**

(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

7,004,732 B1 * 2/2006 Cho et al. 417/423.15
7,007,744 B1 * 3/2006 Kalbacher 165/67

* cited by examiner

Primary Examiner—Lisa Lichtenstein

(74) *Attorney, Agent, or Firm*—Dickson Steinacker LLP;
Kevin Steinacker

(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.

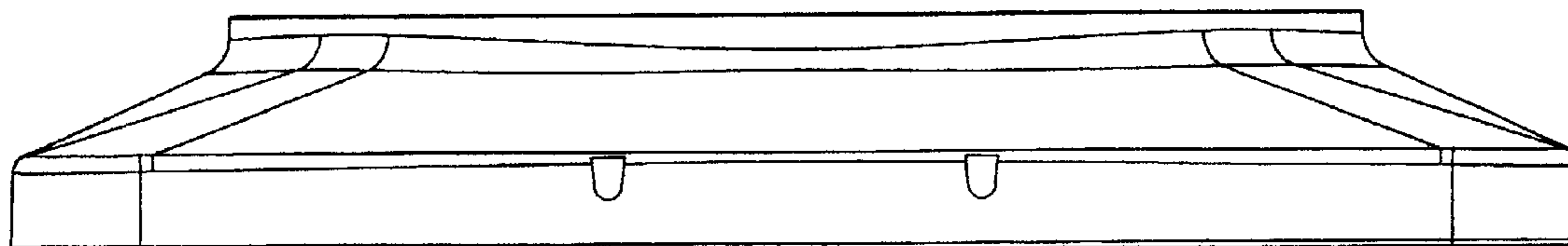
FIG. 4 is a bottom view of the combined fan assembly and shroud portion shown separately for clarity of illustration.

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



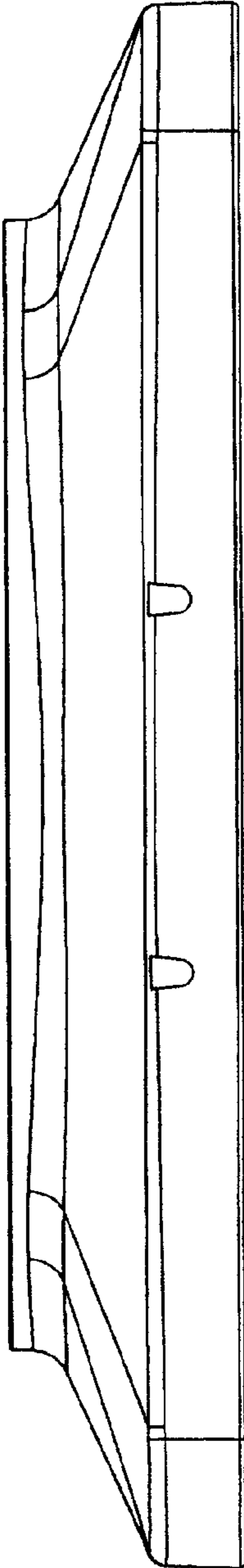


Fig. 1

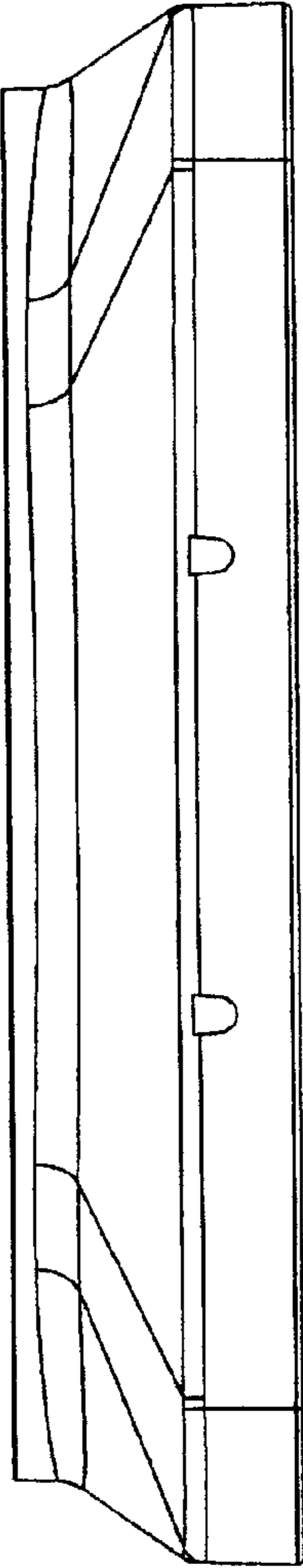


Fig. 2

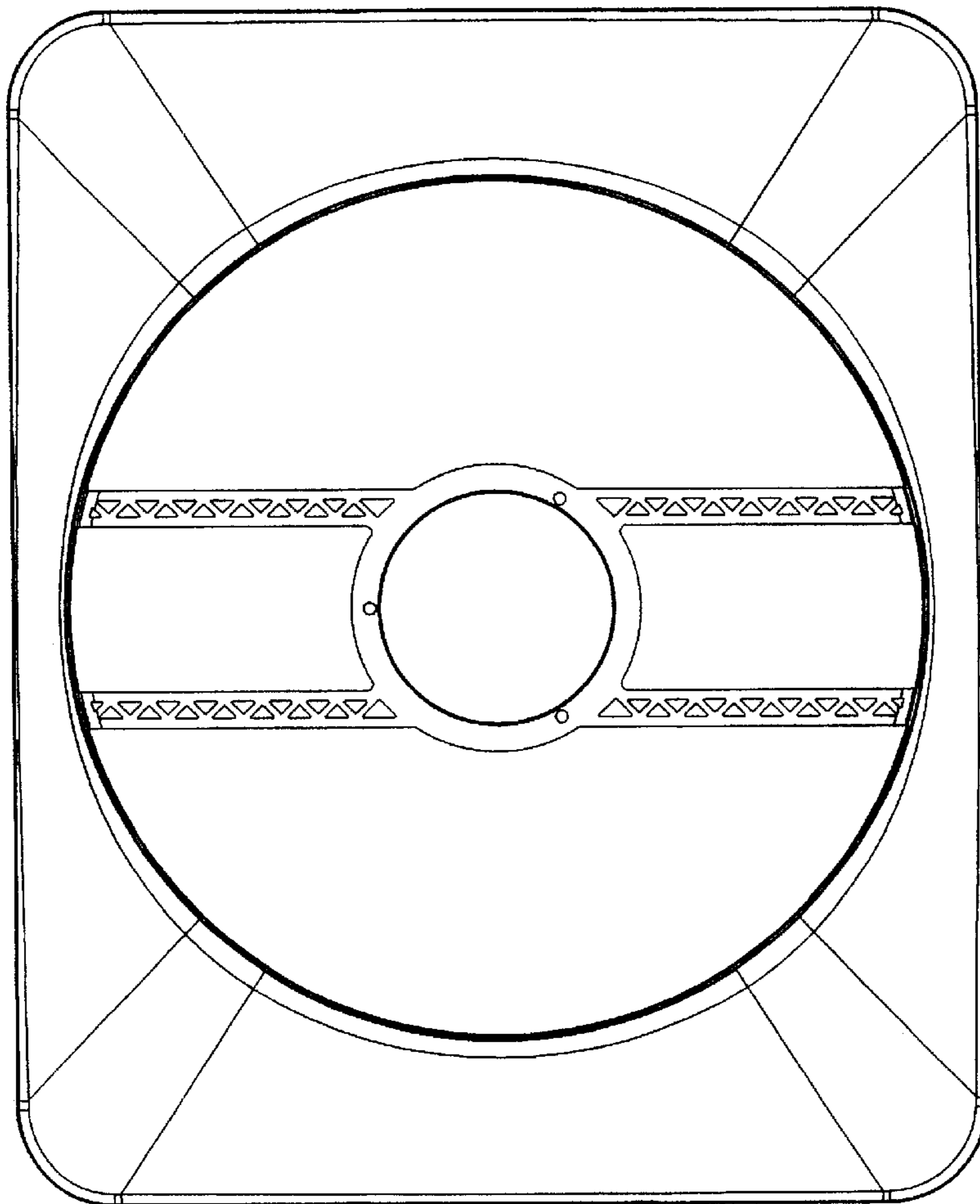


Fig. 3

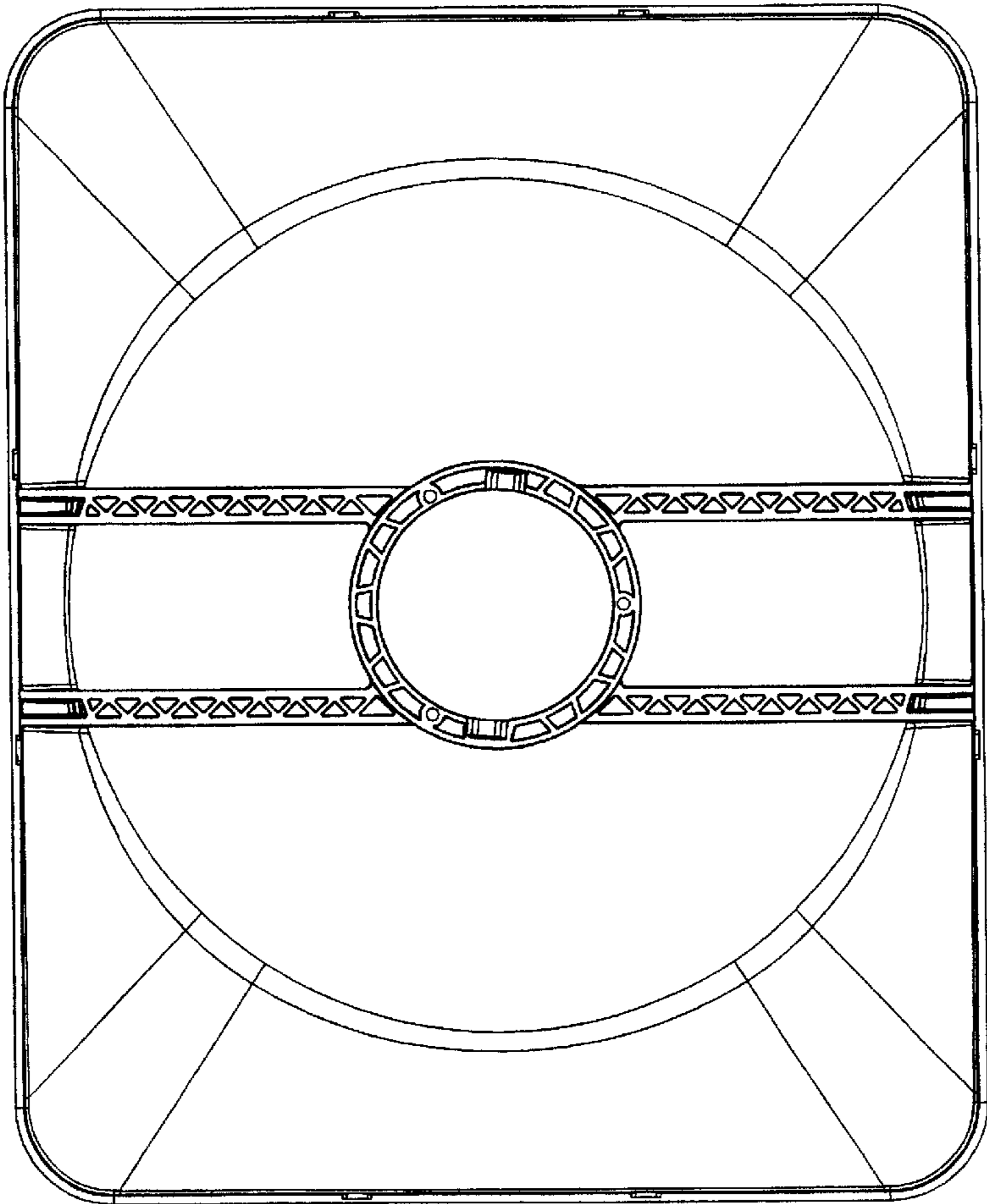


Fig. 4

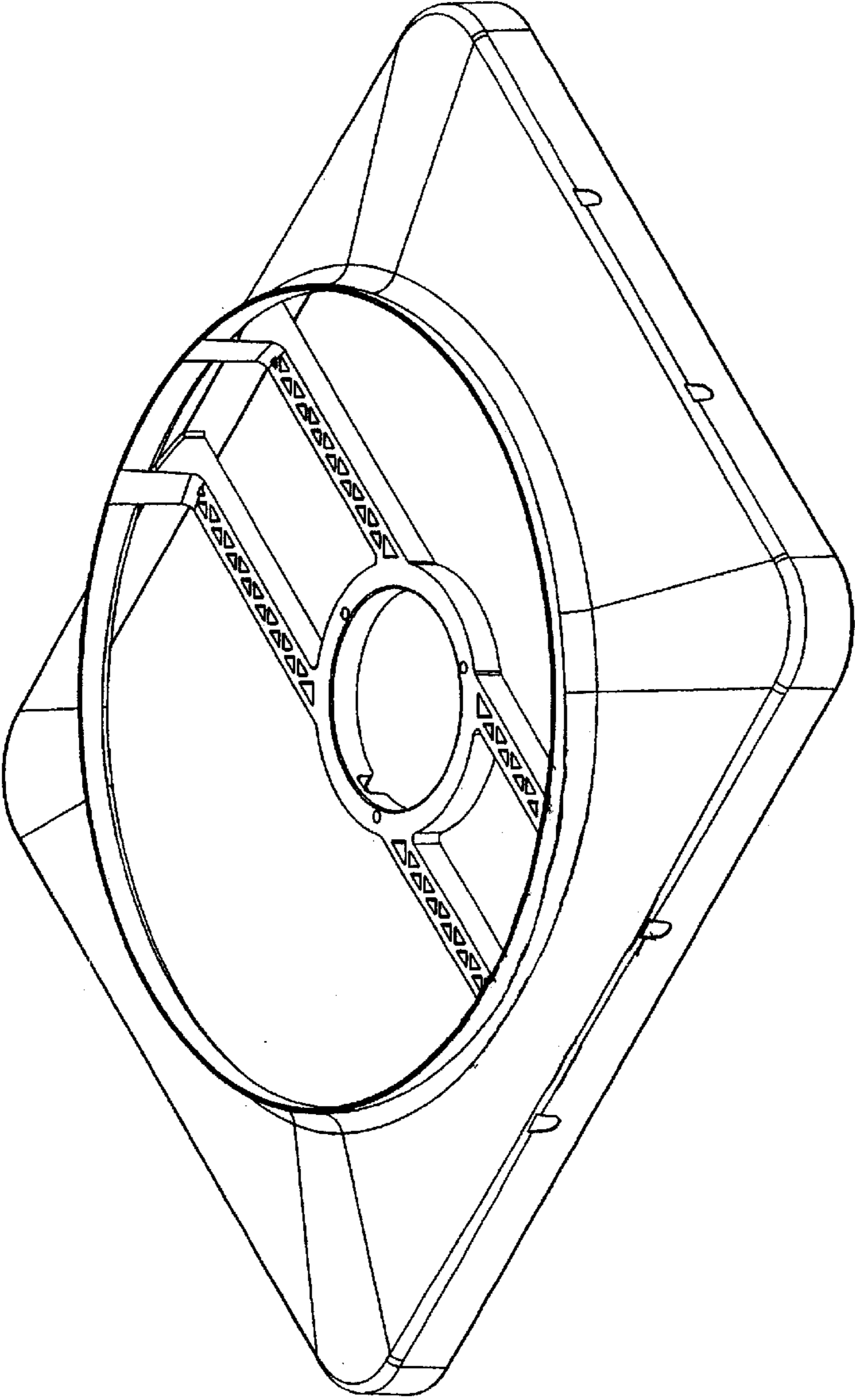


Fig. 5

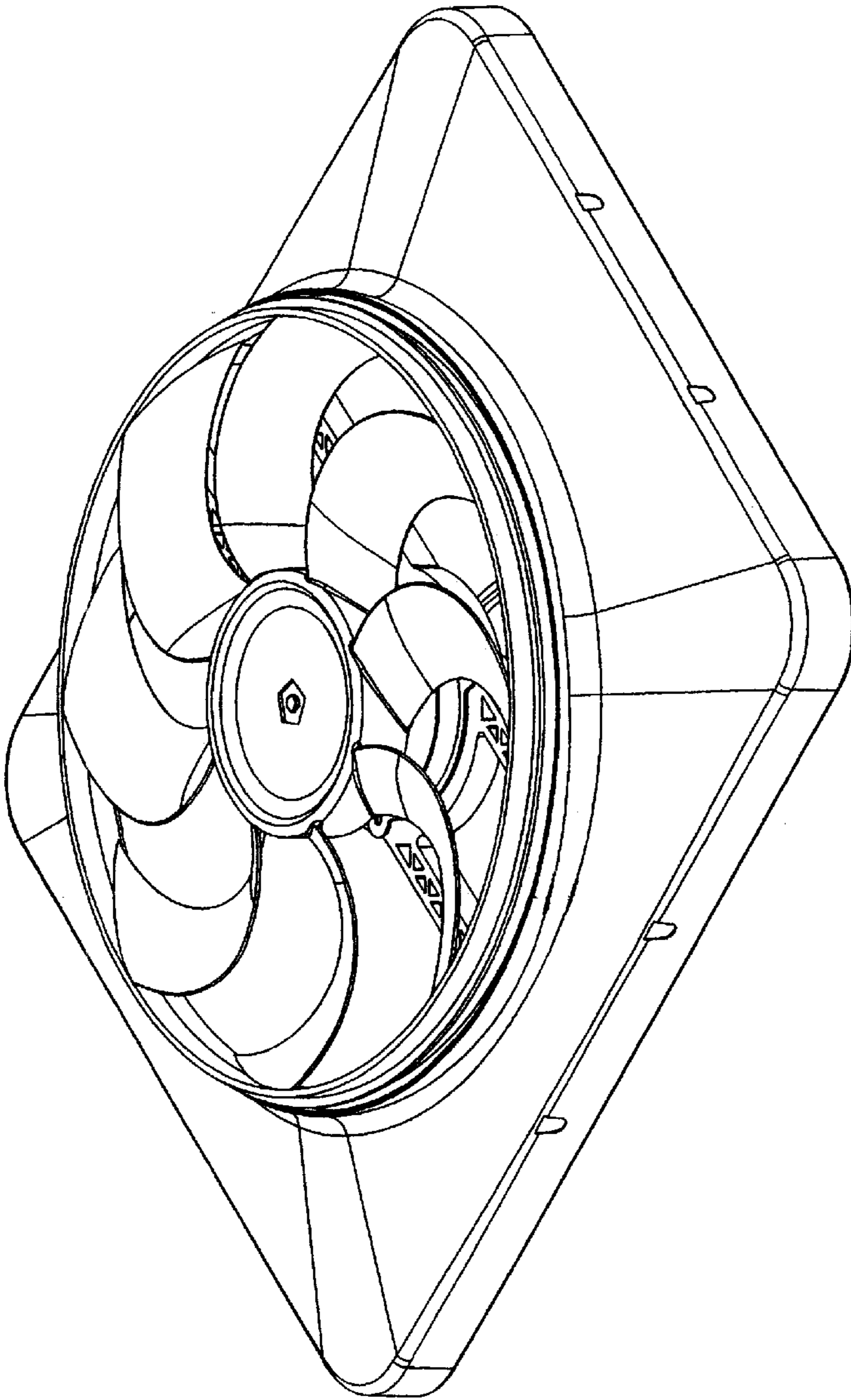


Fig. 6