



US00D977488S

(12) **United States Design Patent** (10) **Patent No.:** **US D977,488 S**
Lin (45) **Date of Patent:** **** Feb. 7, 2023**

(54) **HEAT SINK**

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(72) Inventor: **Junbo Lin**, Fengjiang (CN)

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

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(51) **LOC (14) Cl.** **14-02**

(52) **U.S. Cl.**
USPC **D14/447; D13/179**

(58) **Field of Classification Search**
USPC D13/179; D14/435, 447
CPC ... F28F 2215/00; F28F 2215/08; H01L 23/40;
H01L 23/367; H01L 23/4093; G06F
1/203

See application file for complete search history.

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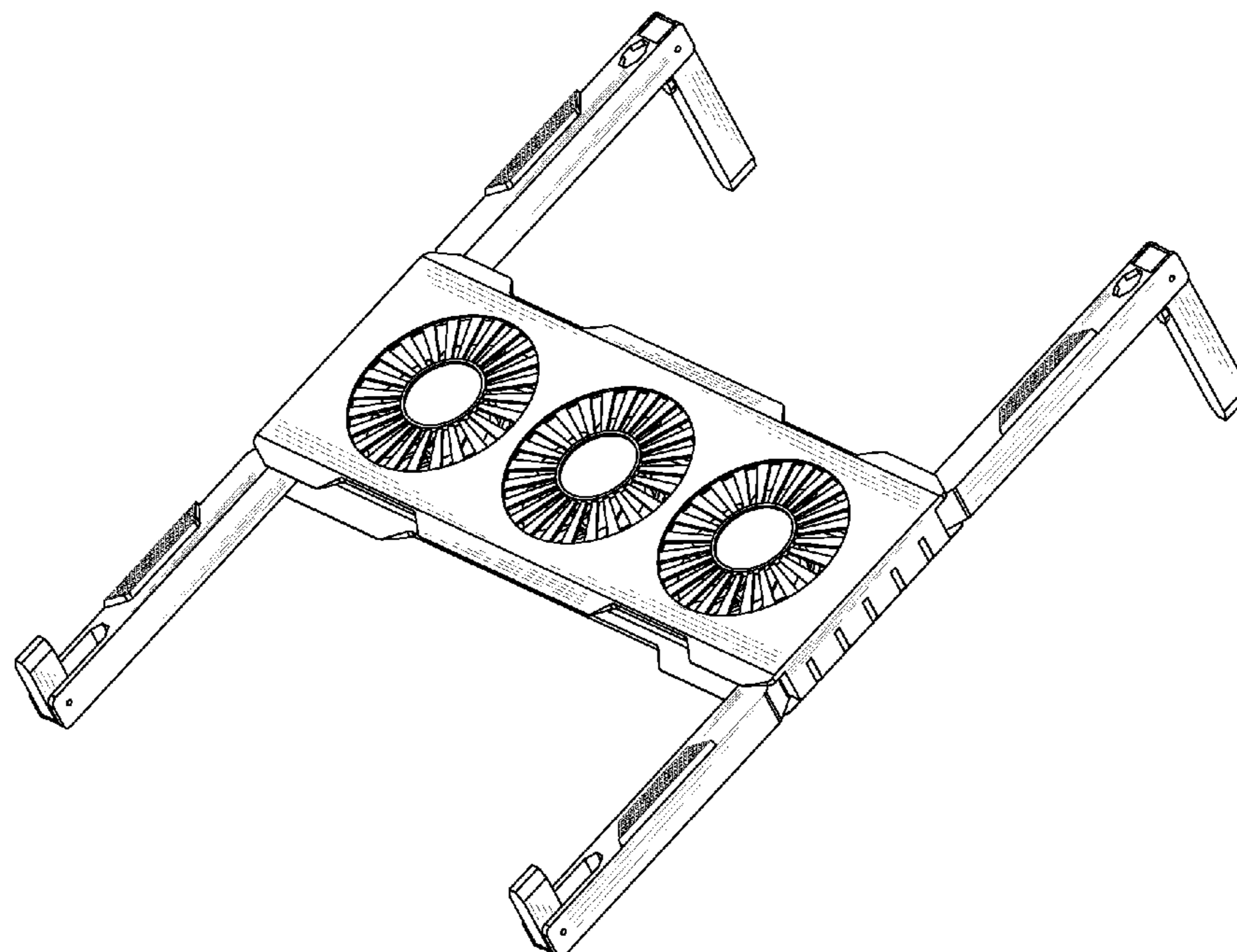
(57) **CLAIM**

The ornamental design for a heat sink, as shown and described.

DESCRIPTION

FIG. 1 is top view of a heat sink with a broken line encircling an element of the heat sink for the purpose of pointing out the location of the element on the heat sink with the element being shown in detail in FIG. 8 and with the broken line forming no part of the claimed design; FIG. 2 is bottom view of the heat sink; FIG. 3 is a back view of the heat sink; FIG. 4 is a front view of the heat sink with a broken line encircling an element of the heat sink for the purpose of pointing out the location of the element on the heat sink with the element being shown in detail in FIG. 9; FIG. 5 is a left side view of the heat sink; FIG. 6 is a right side view of the heat sink; FIG. 7 is a perspective view of the heat sink; FIG. 8 is a top view of the element of the heat sink that is encircled in FIG. 1 and with the broken line forming no part of the claimed design; and, FIG. 9 is a top view of the element of the heat sink that is encircled in FIG. 4 and with the broken line forming no part of the claimed design.

1 Claim, 9 Drawing Sheets



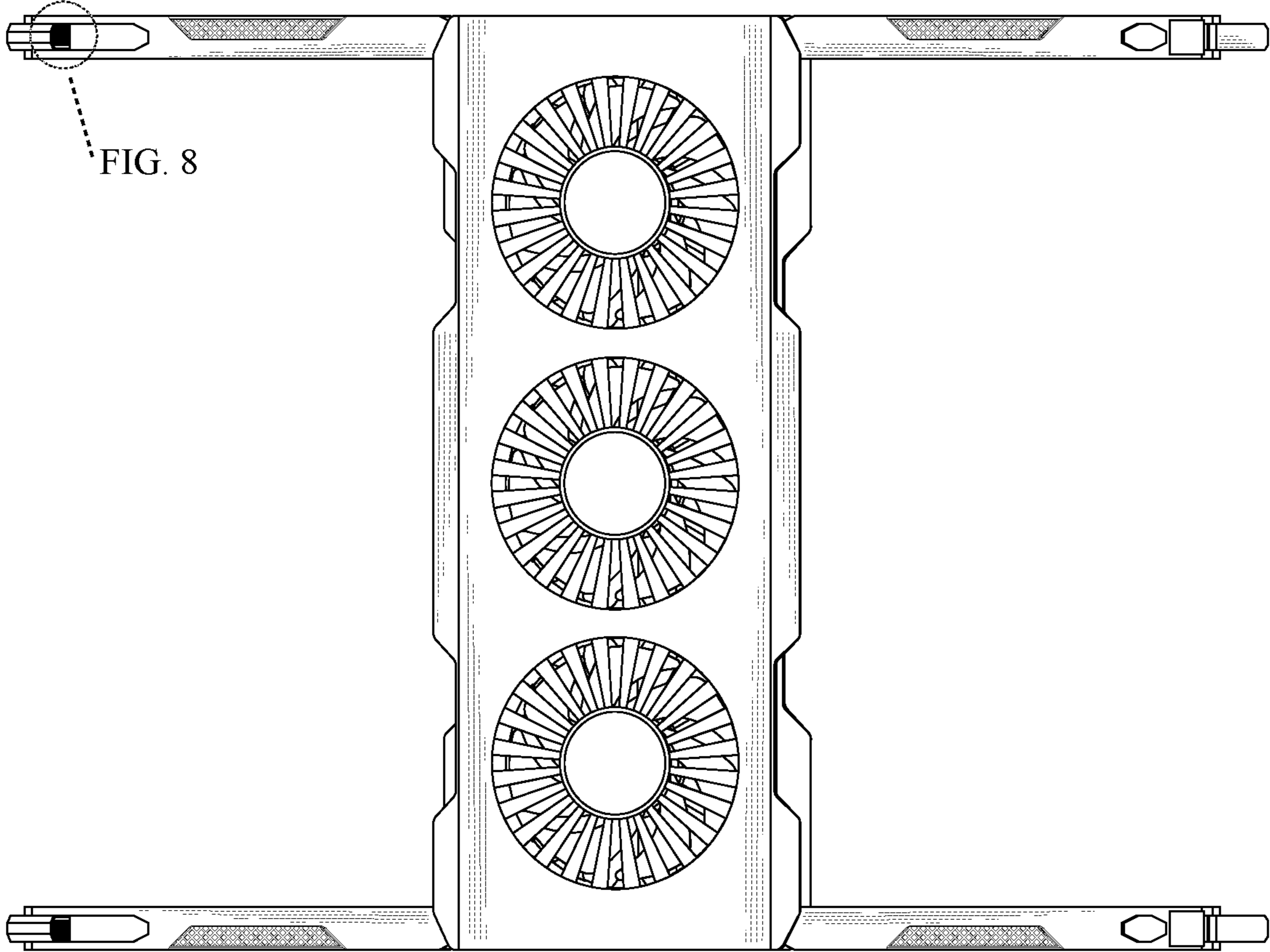


FIG. 1

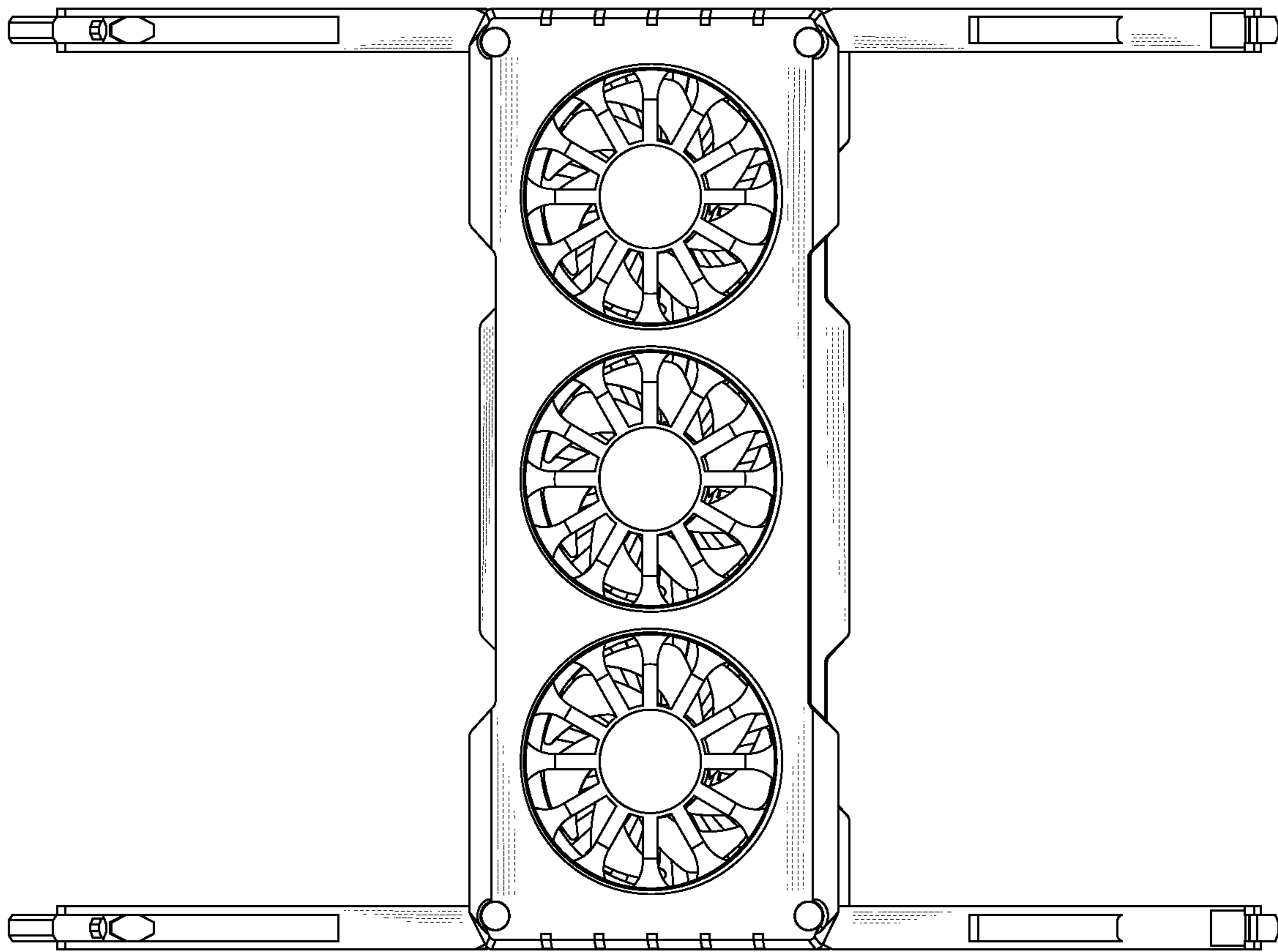


FIG. 2

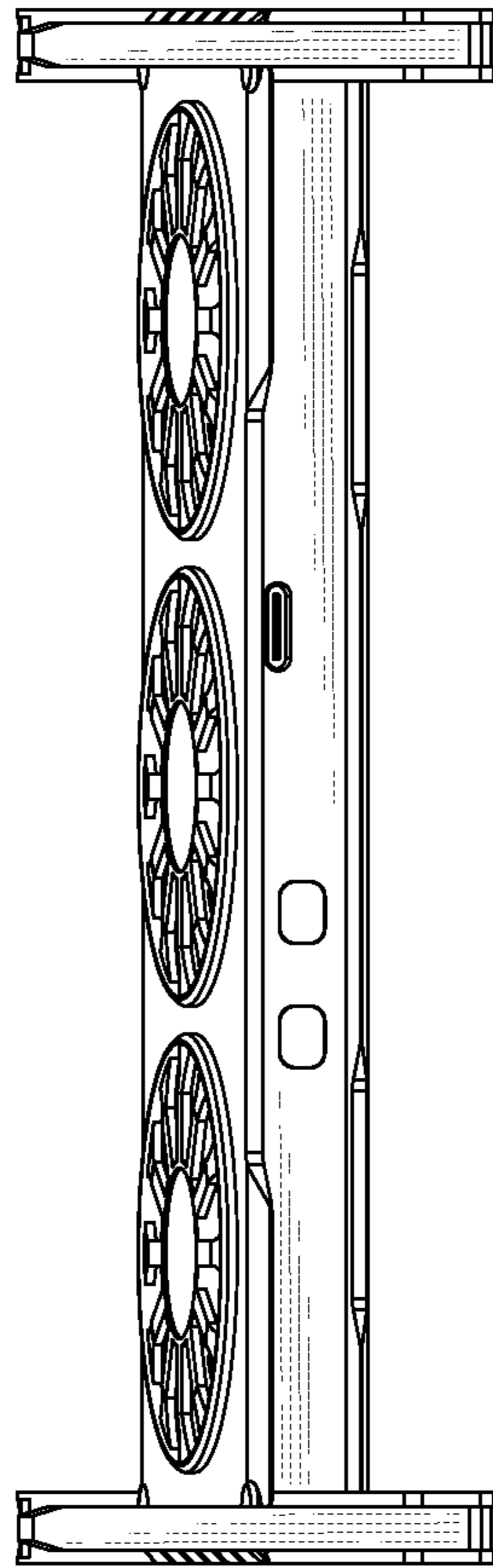


FIG. 3

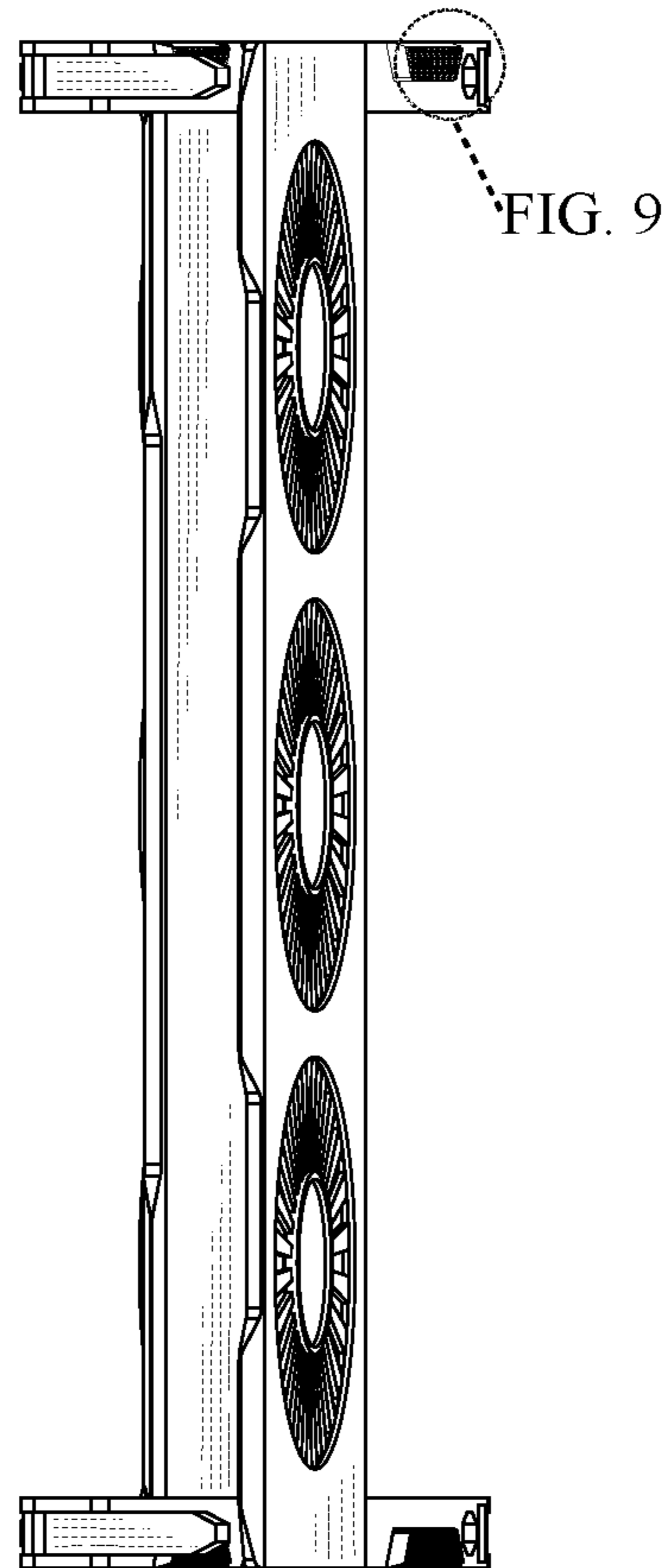


FIG. 4

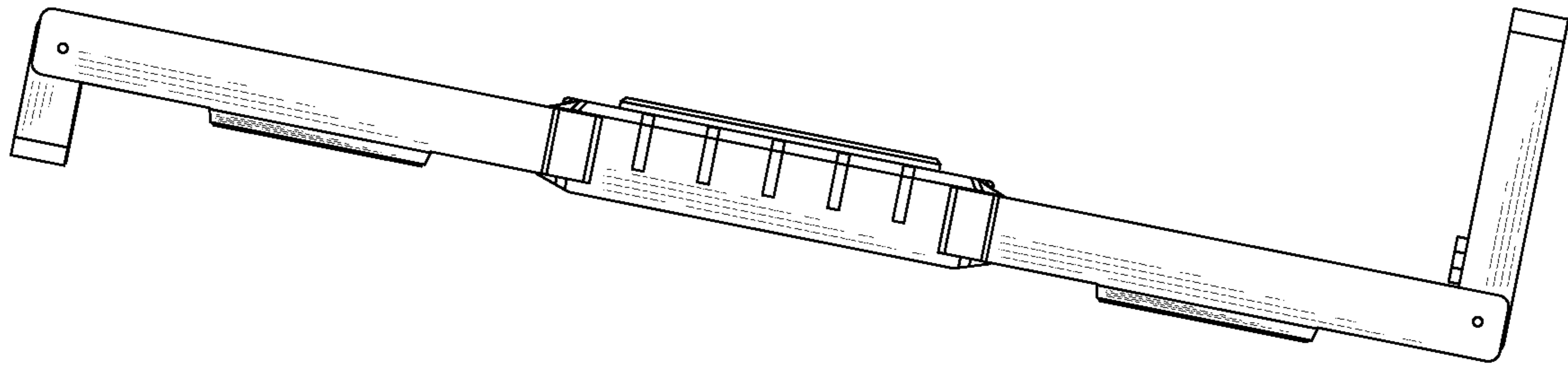


FIG. 5

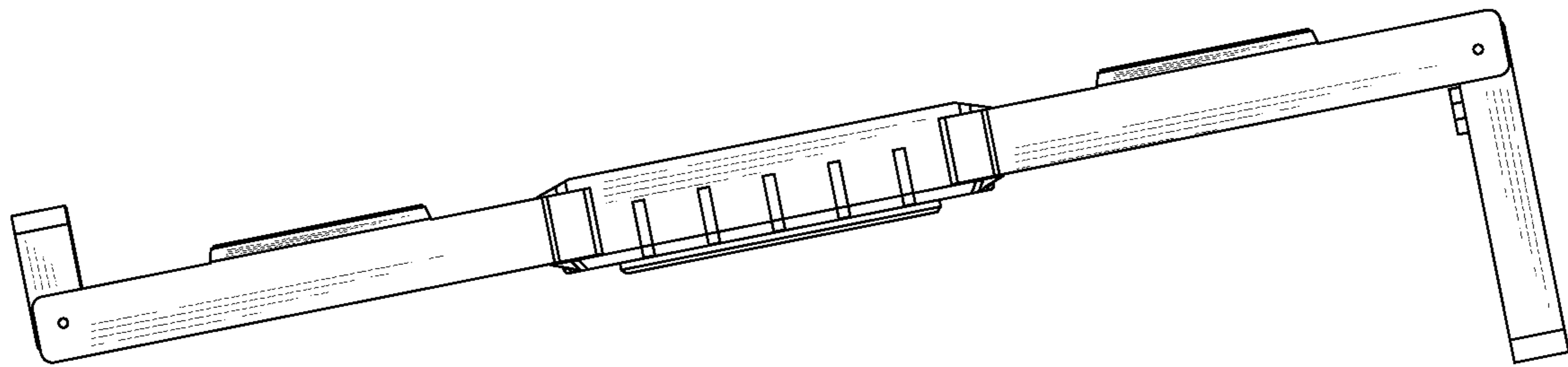


FIG. 6

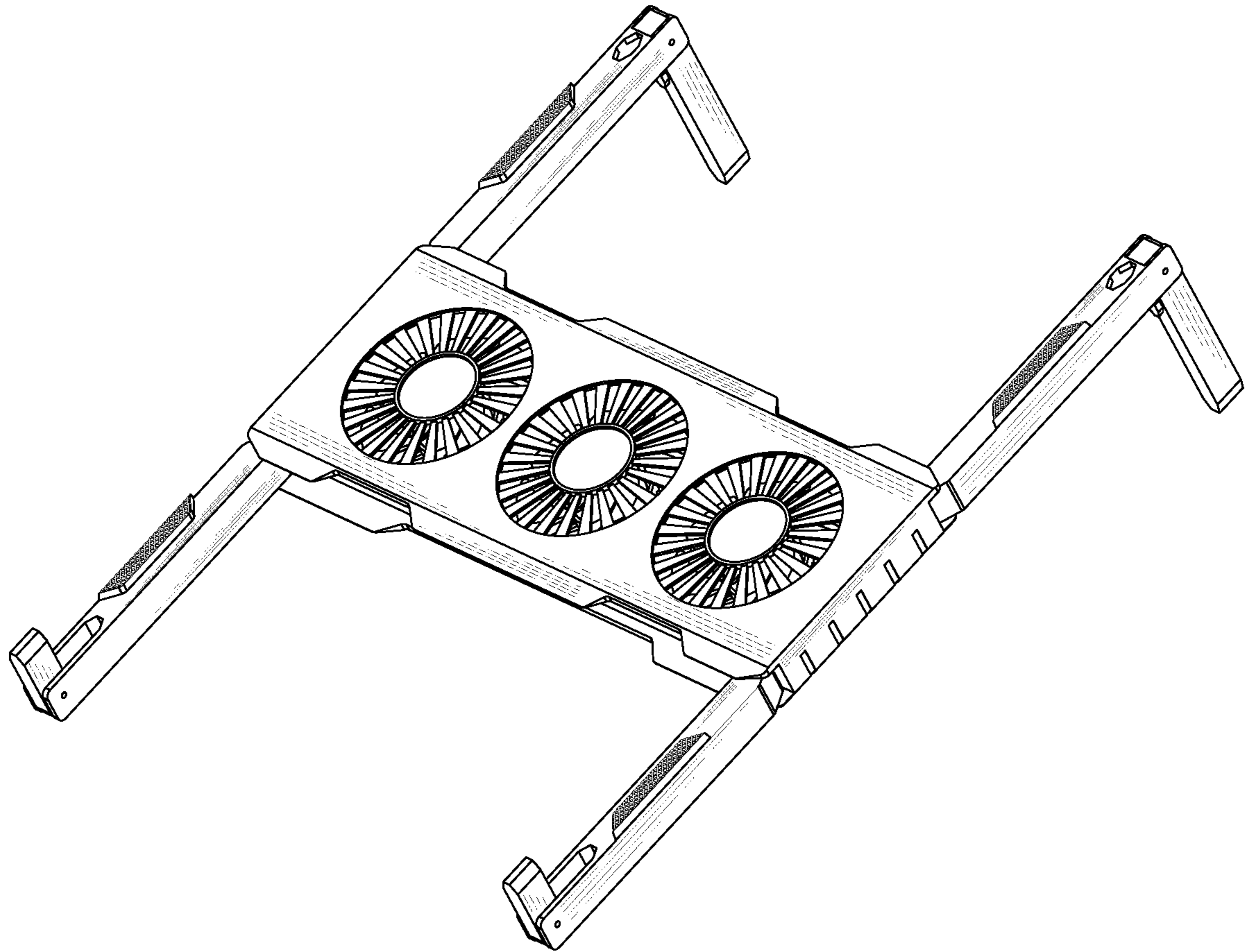


FIG. 7

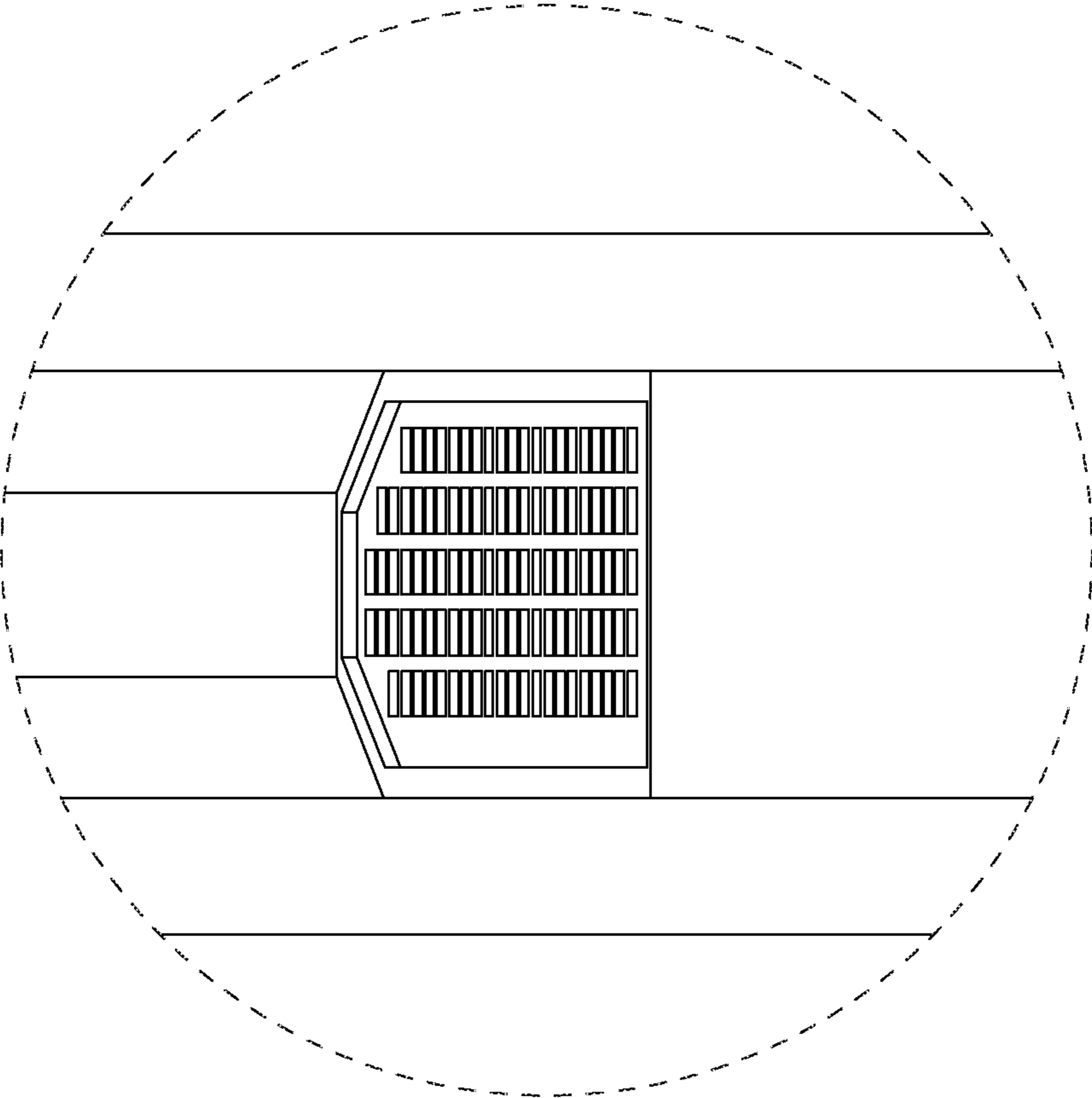


FIG. 8

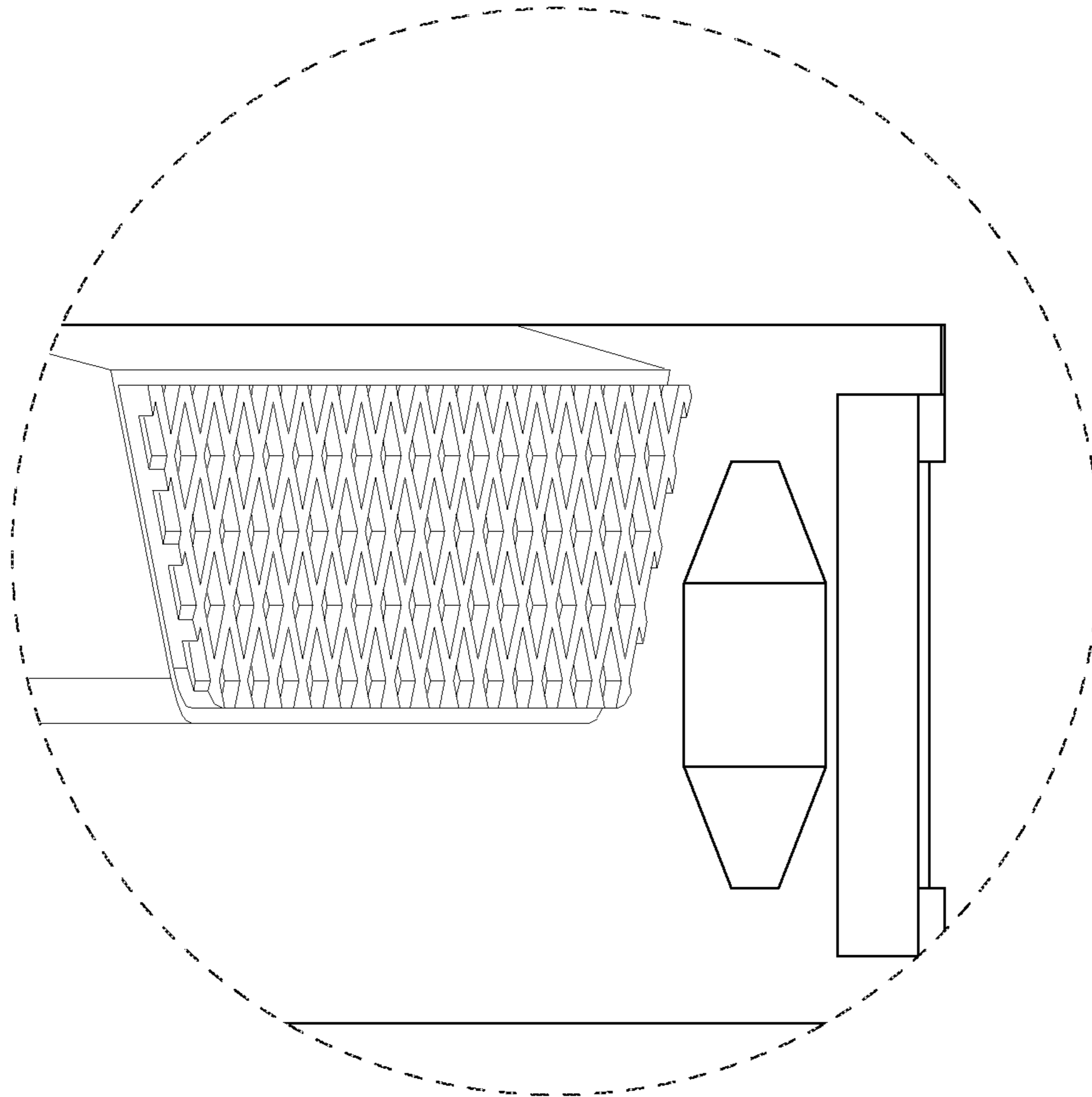


FIG. 9