



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

(10) **Patent No.:** **US D933,190 S**
(45) **Date of Patent:** **** Oct. 12, 2021**

(54) **VERTICAL FAN**

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(73) Assignee: **IRIS OHYAMA INC.**, Sendai (JP)
(**) Term: **15 Years**
(21) Appl. No.: **29/686,912**
(22) Filed: **Apr. 9, 2019**

(30) **Foreign Application Priority Data**

Oct. 15, 2018 (JP) 2018-022599
(51) **LOC (13) Cl.** **23-04**
(52) **U.S. Cl.**
USPC **D23/378**
(58) **Field of Classification Search**
USPC D23/332, 333, 335-337, 364, 370, 378,
D23/379, 381-383
CPC F04D 25/08; F04D 29/38; F04D 29/384;
F04D 29/386; F04D 29/48; F24H 3/0417
See application file for complete search history.

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A Notice of Allowance by the Japanese Patent Office dated Jul. 30, 2019, which corresponds to Japanese Design Application No. 2018-022599 and is related to Design U.S. Appl. No. 29/686,912; with partial English translation.
CN Design bulletin, No. 08-20(May 14, 2008), CN300779401(Japan Patent Department, publicly known reference No. HH20004070).
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(57) **CLAIM**

The ornamental design for a vertical fan, as shown and described.

DESCRIPTION

FIG. 1 is a front, top and right-side perspective view of a vertical fan showing my new design;
FIG. 2 is a front view thereof;
FIG. 3 is a rear view thereof;
FIG. 4 is a top view thereof;
FIG. 5 is a bottom view thereof;
FIG. 6 is a right-side view thereof;
FIG. 7 is a left-side view thereof; and,
FIG. 8 is a rear, top and left-side perspective view thereof.
The broken lines shown represent portions of the vertical fan and form no part of the claimed design.

1 Claim, 8 Drawing Sheets

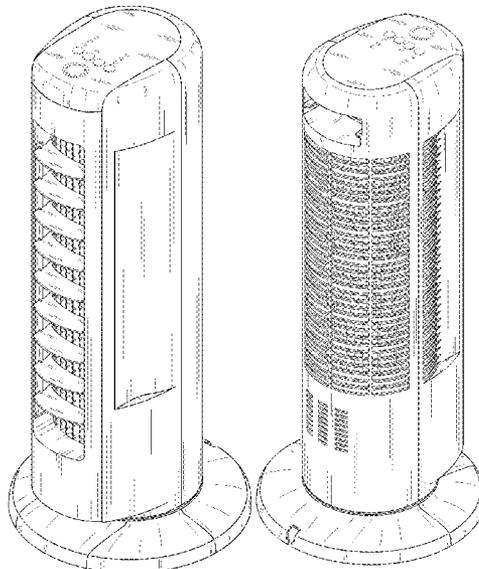


FIG. 1

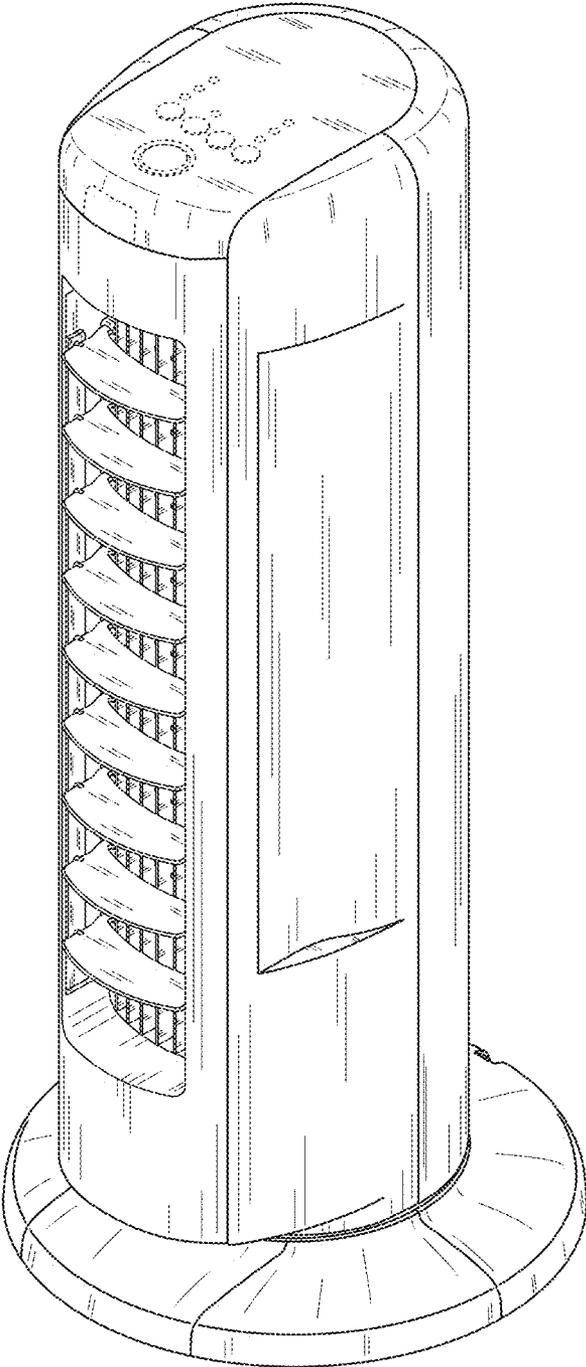


FIG.2

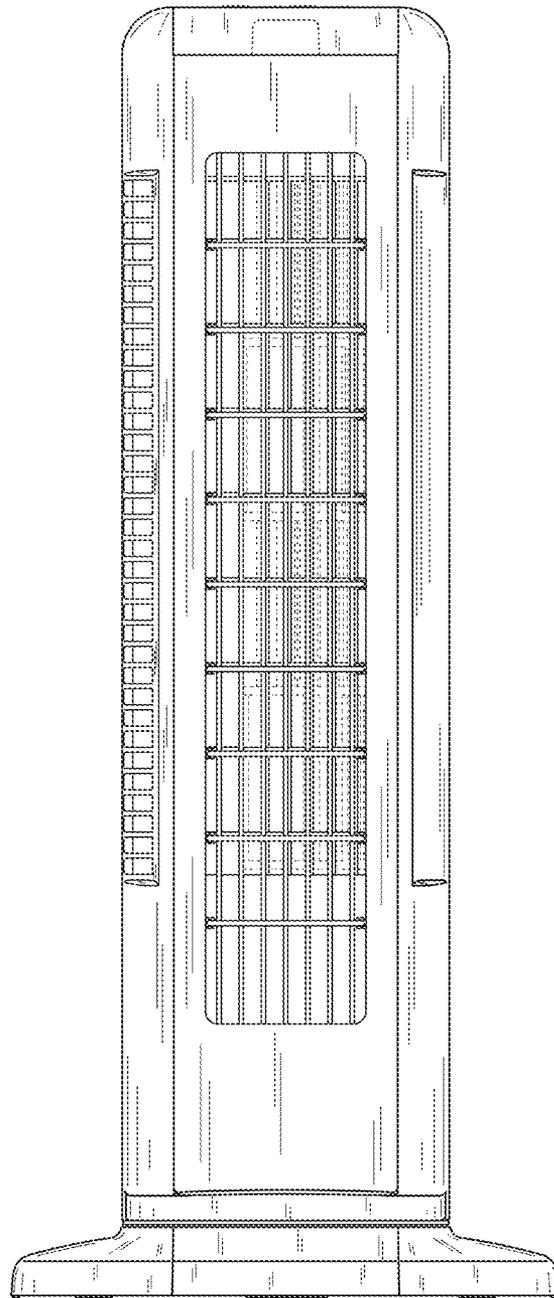


FIG.3

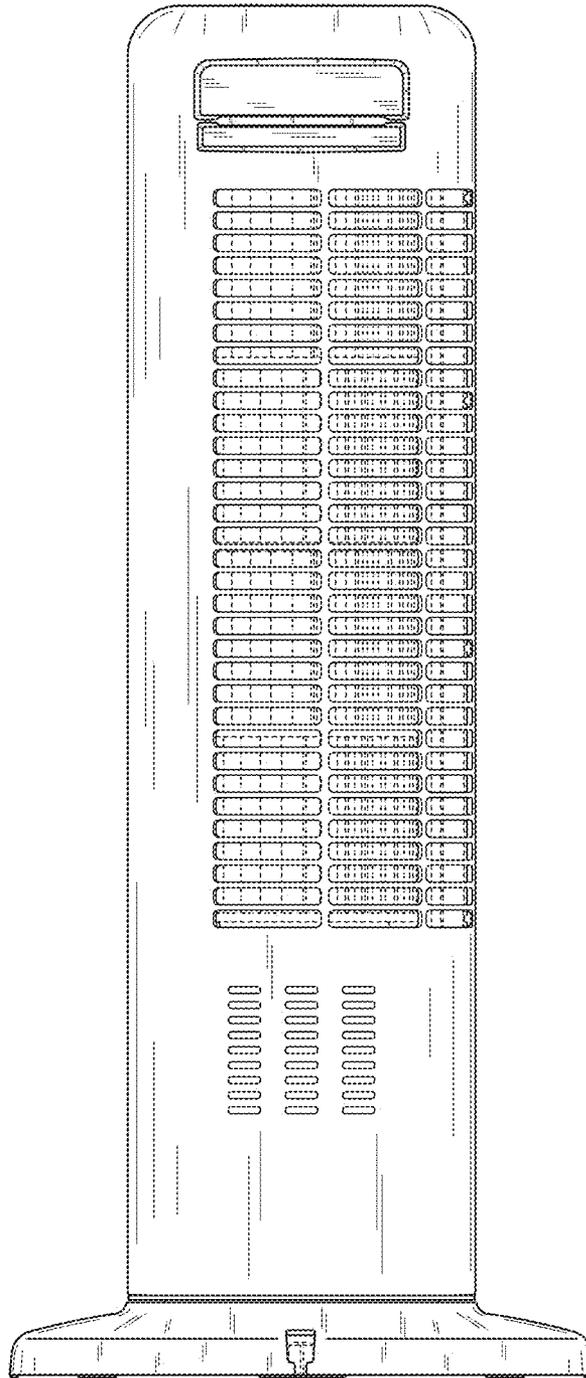


FIG. 4

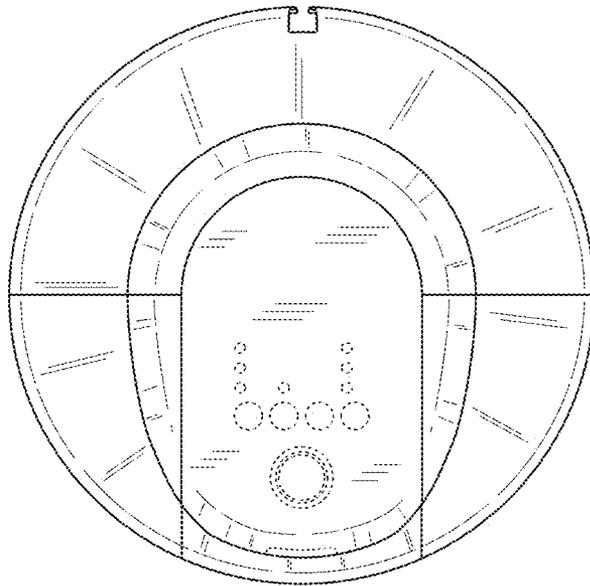


FIG.5

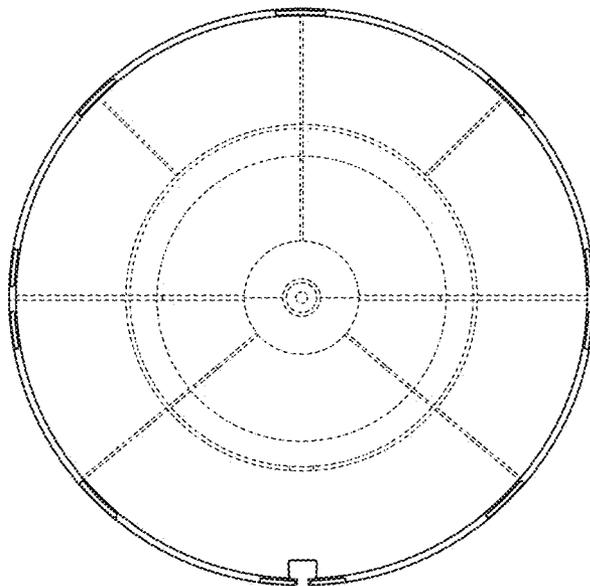


FIG. 6

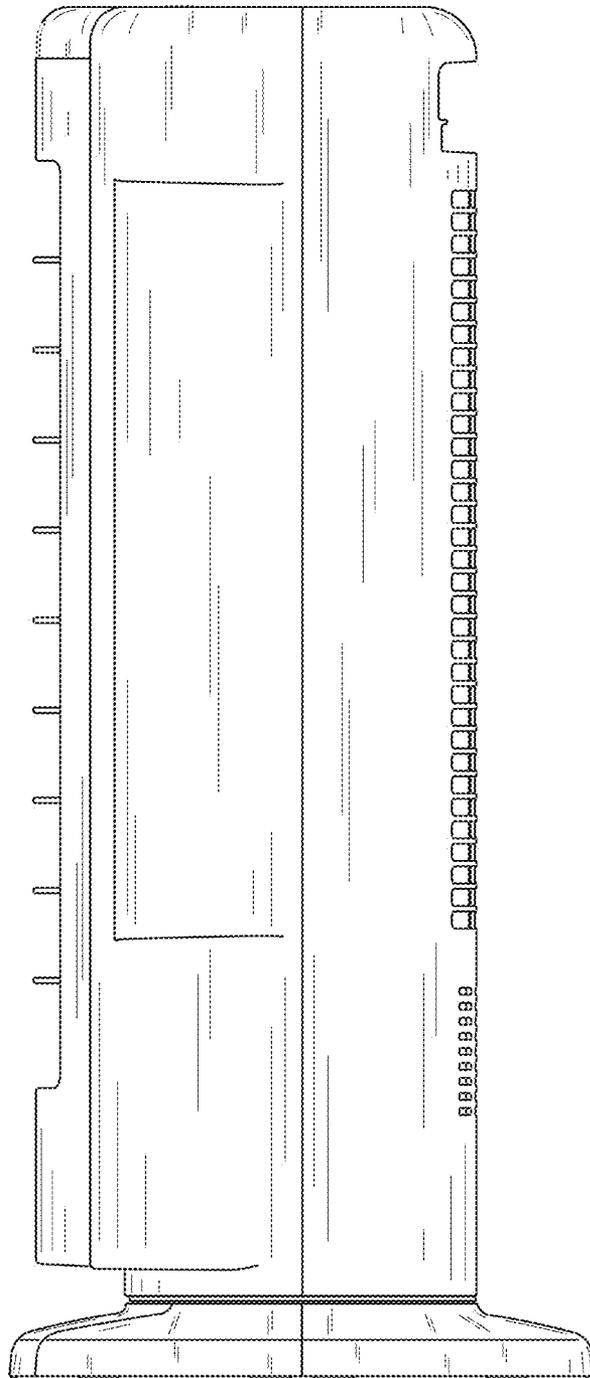


FIG.7

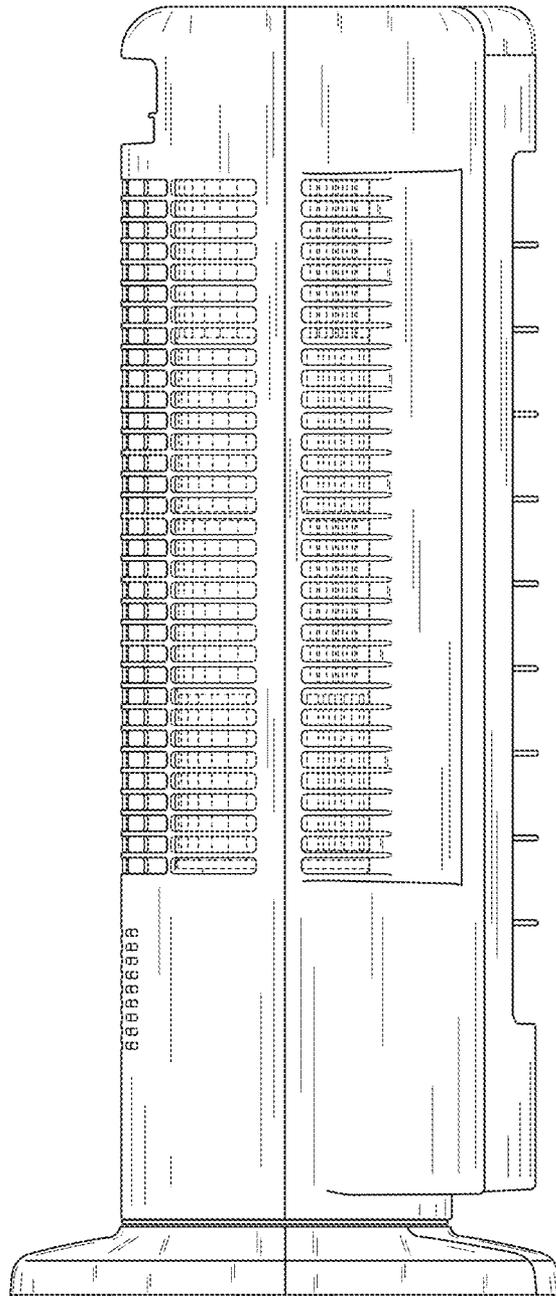


FIG.8

