



US00D686309S

(12) **United States Design Patent**
Kokawa et al.

(10) **Patent No.:** **US D686,309 S**
(45) **Date of Patent:** **** Jul. 16, 2013**

(54) **FAN**

(75) Inventors: **Kiyozumi Kokawa**, Aichi (JP);
Shinsuke Okuda, Aichi (JP); **Fuzhi**
Zhang, Jiangsu (CN)

(73) Assignee: **Makita Corporation**, Anjo-shi (JP)

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

(21) Appl. No.: **29/428,467**

(22) Filed: **Jul. 31, 2012**

(30) **Foreign Application Priority Data**

Mar. 19, 2012 (JP) 2012-006122

(51) **LOC (9) Cl.** **23-04**

(52) **U.S. Cl.**
USPC **D23/382**

(58) **Field of Classification Search**

USPC D23/317, 330, 332–342, 351–360,
D23/363, 364, 370–379, 381–383, 385–388,
D23/393, 394, 399, 411–414; 454/237–253,
454/186, 228–236, 192; 52/302.1; 417/423.1,
417/423.14; 415/182.1, 200, 90; 416/244 R,
416/246, 247 R; D6/309; D21/430, 436, 442,
D21/447, 450, 453, 458; 5/421, 423
See application file for complete search history.

(56) **References Cited**

U.S. PATENT DOCUMENTS

D323,708 S * 2/1992 Wang D23/382
D336,512 S * 6/1993 Cunning D23/411
D346,019 S * 4/1994 Cheslock et al. D23/382
D353,660 S * 12/1994 Cunning D23/328
D354,558 S * 1/1995 Marvin et al. D23/411
D359,116 S * 6/1995 Marvin et al. D23/382
D388,869 S * 1/1998 Wang D23/378

D396,279 S * 7/1998 Ediger et al. D23/386
D398,983 S * 9/1998 Keller et al. D23/382
D539,402 S * 3/2007 Blateri D23/336
7,507,074 B2 * 3/2009 Munshi et al. 416/246
D617,440 S * 6/2010 Ching D23/382
D630,723 S * 1/2011 Ediger et al. D23/411
D675,310 S * 1/2013 Zhu et al. D23/370
D675,312 S * 1/2013 Zhu et al. D23/411
D676,953 S * 2/2013 Hollan et al. D23/382

FOREIGN PATENT DOCUMENTS

EM 001010787-0001 9/2011

* cited by examiner

Primary Examiner — George D Kirschbaum

Assistant Examiner — Janice Hallmark

(74) *Attorney, Agent, or Firm* — Posz Law Group, PLC

(57) **CLAIM**

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

DESCRIPTION

FIG. 1 is a perspective view of top, front, and right side of a fan showing our new design;

FIG. 2 is a perspective view of top, rear, and left side view thereof;

FIG. 3 is a front view thereof;

FIG. 4 is a rear view thereof;

FIG. 5 is a right side view thereof;

FIG. 6 is a left side view thereof;

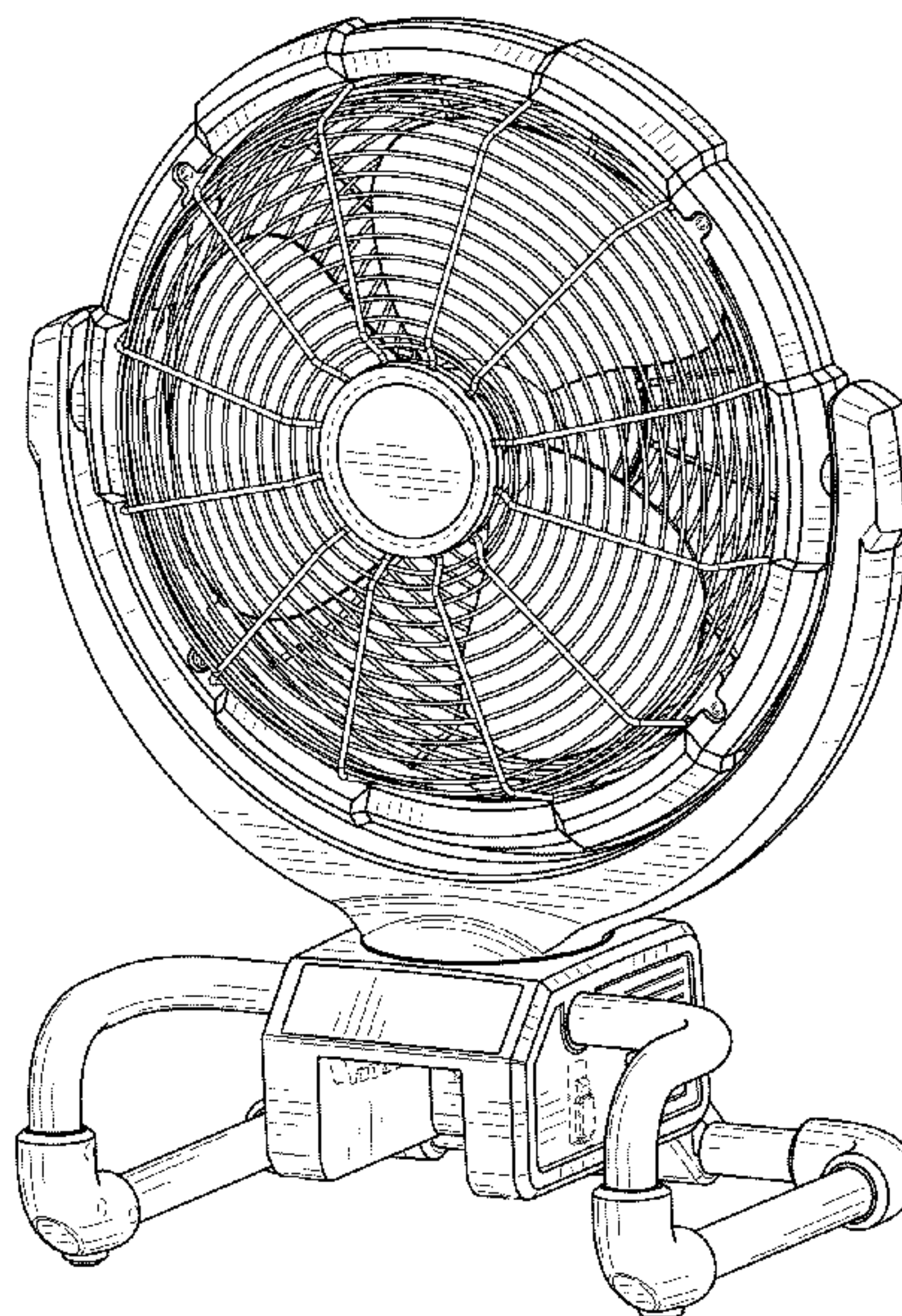
FIG. 7 is a top view thereof;

FIG. 8 is a bottom view thereof; and,

FIG. 9 is an alternate perspective view of the fan of FIG. 1 shown in an environment of use.

The broken line showing of structure is included for the purpose of illustrating portions of the “article” and forms no part of the claimed design.

1 Claim, 8 Drawing Sheets



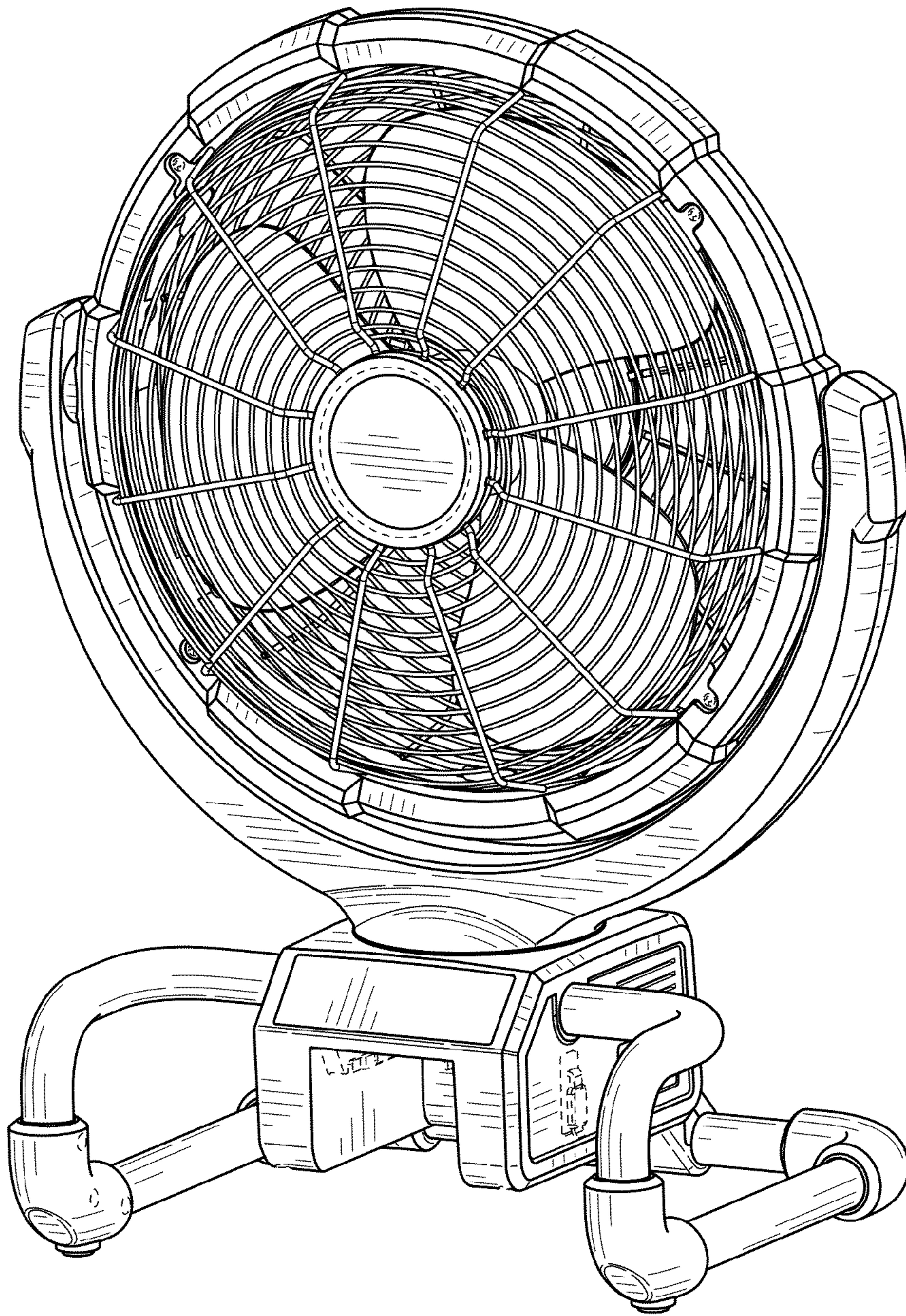


FIG. 1

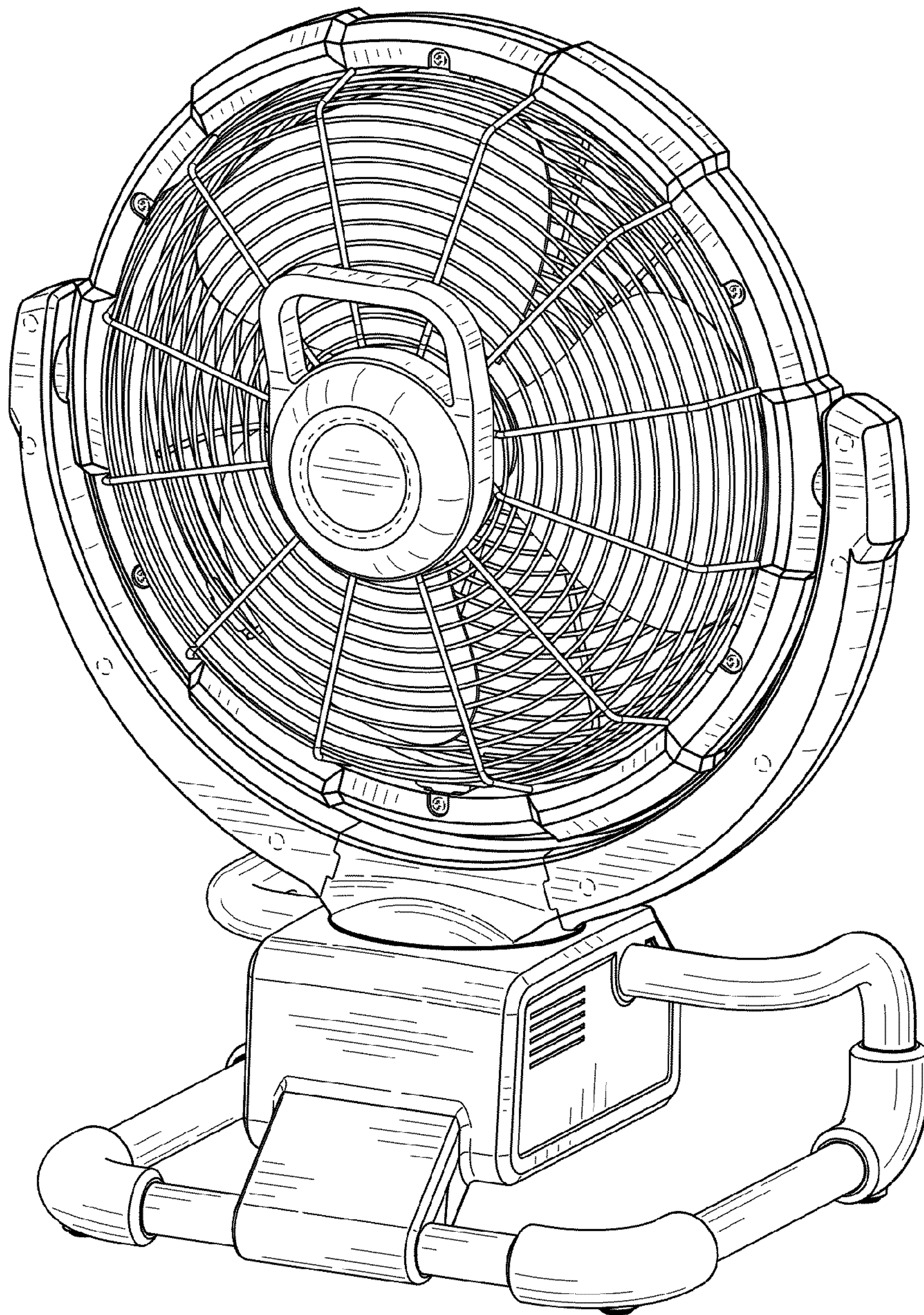


FIG. 2

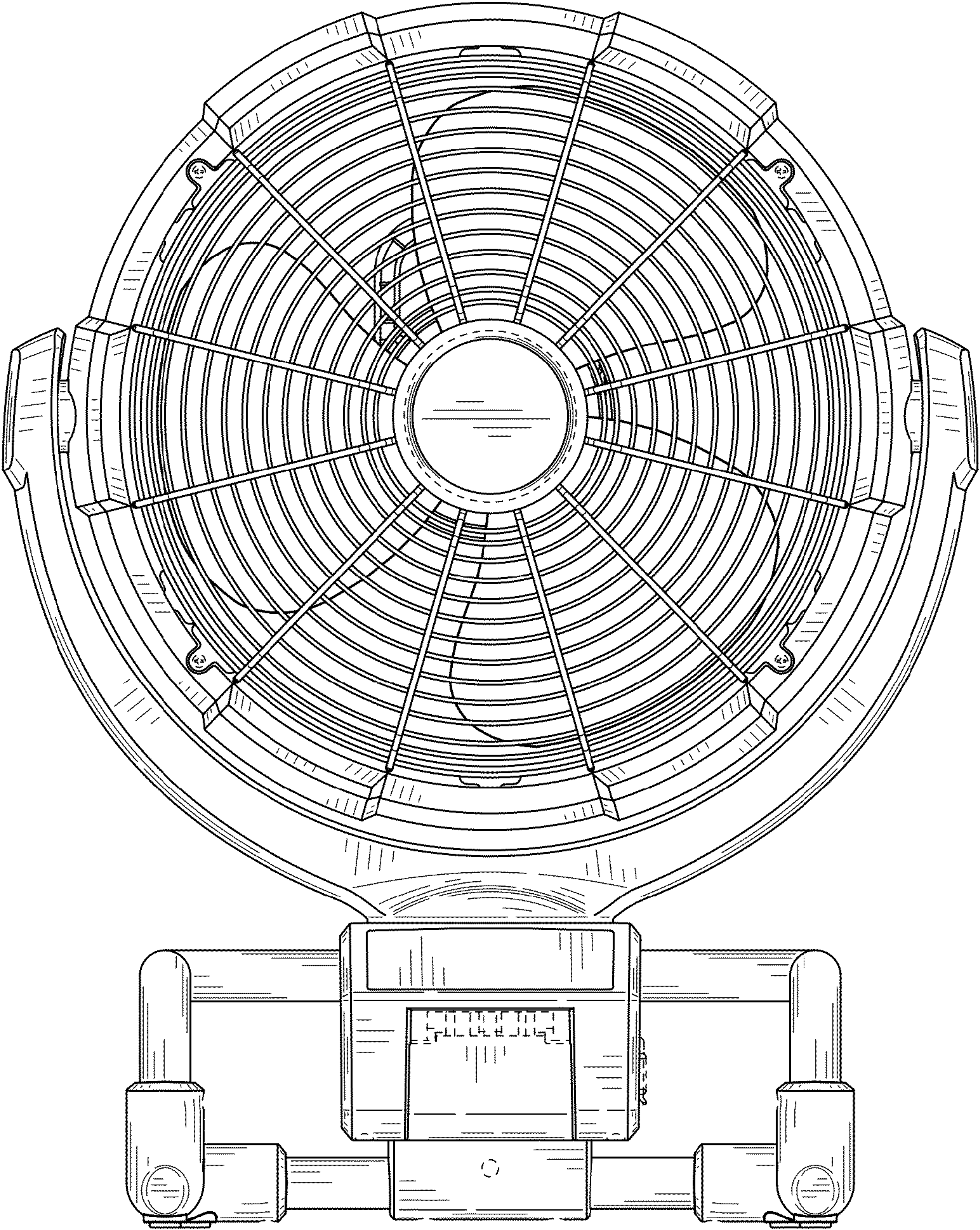


FIG. 3

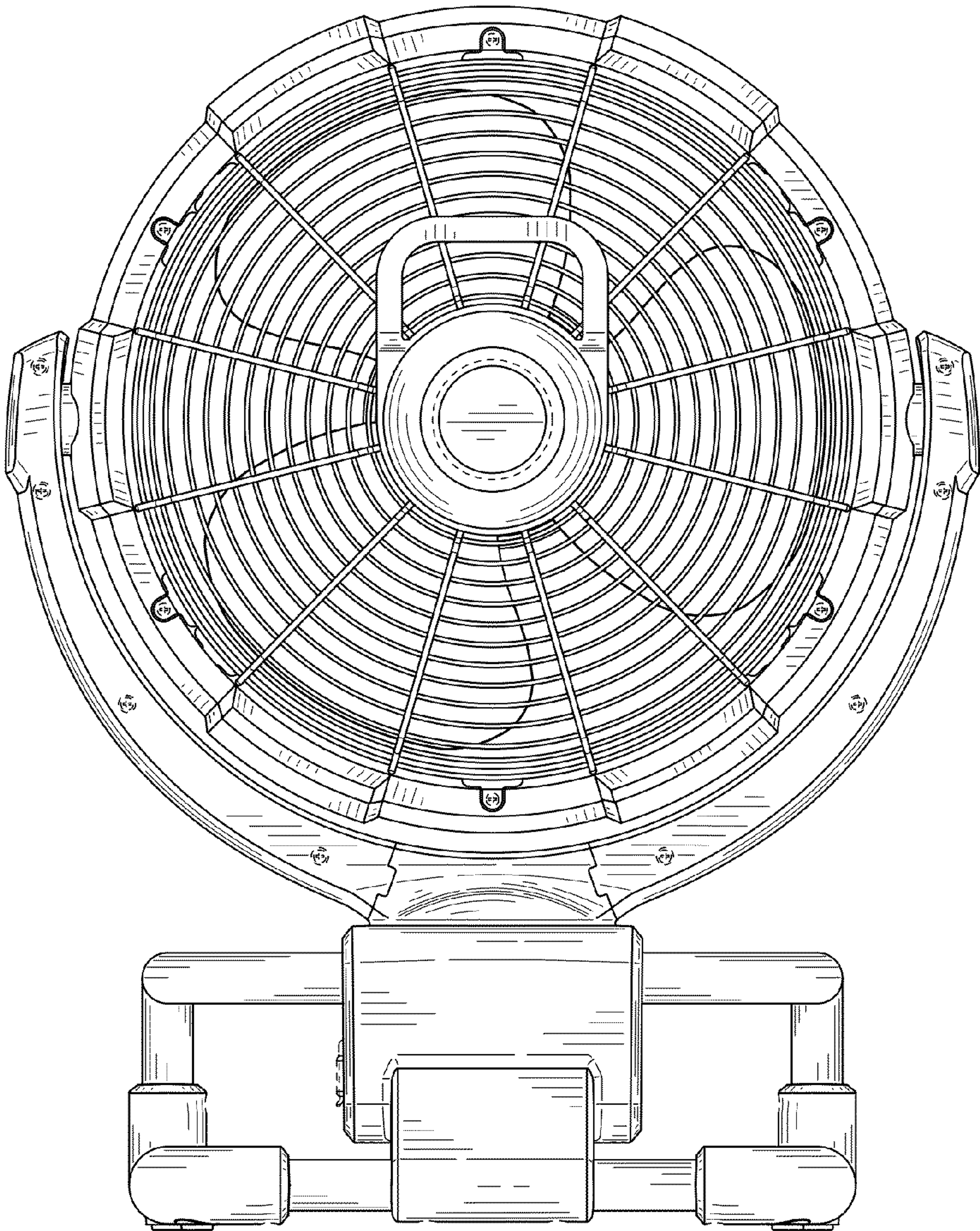


FIG. 4

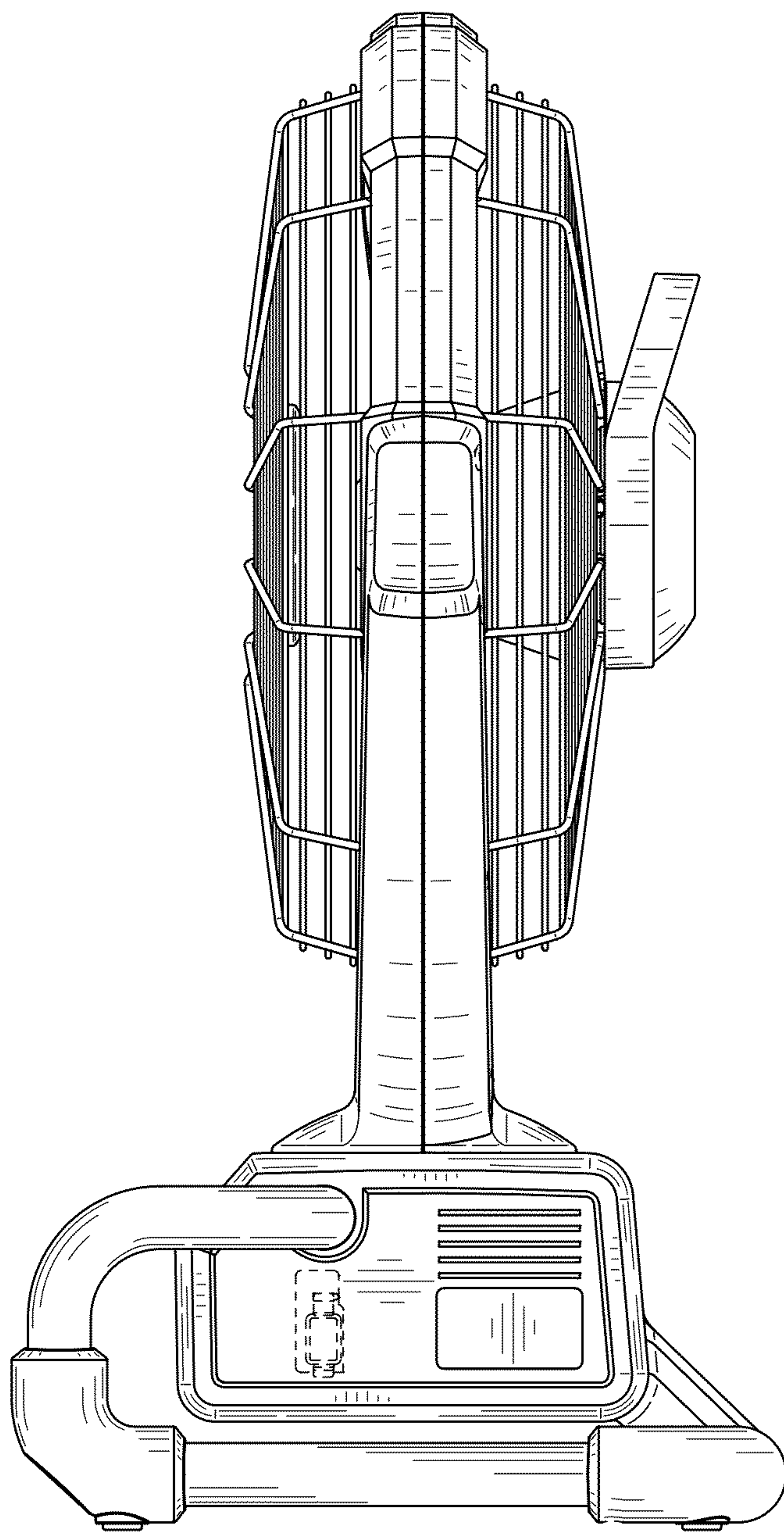


FIG. 5

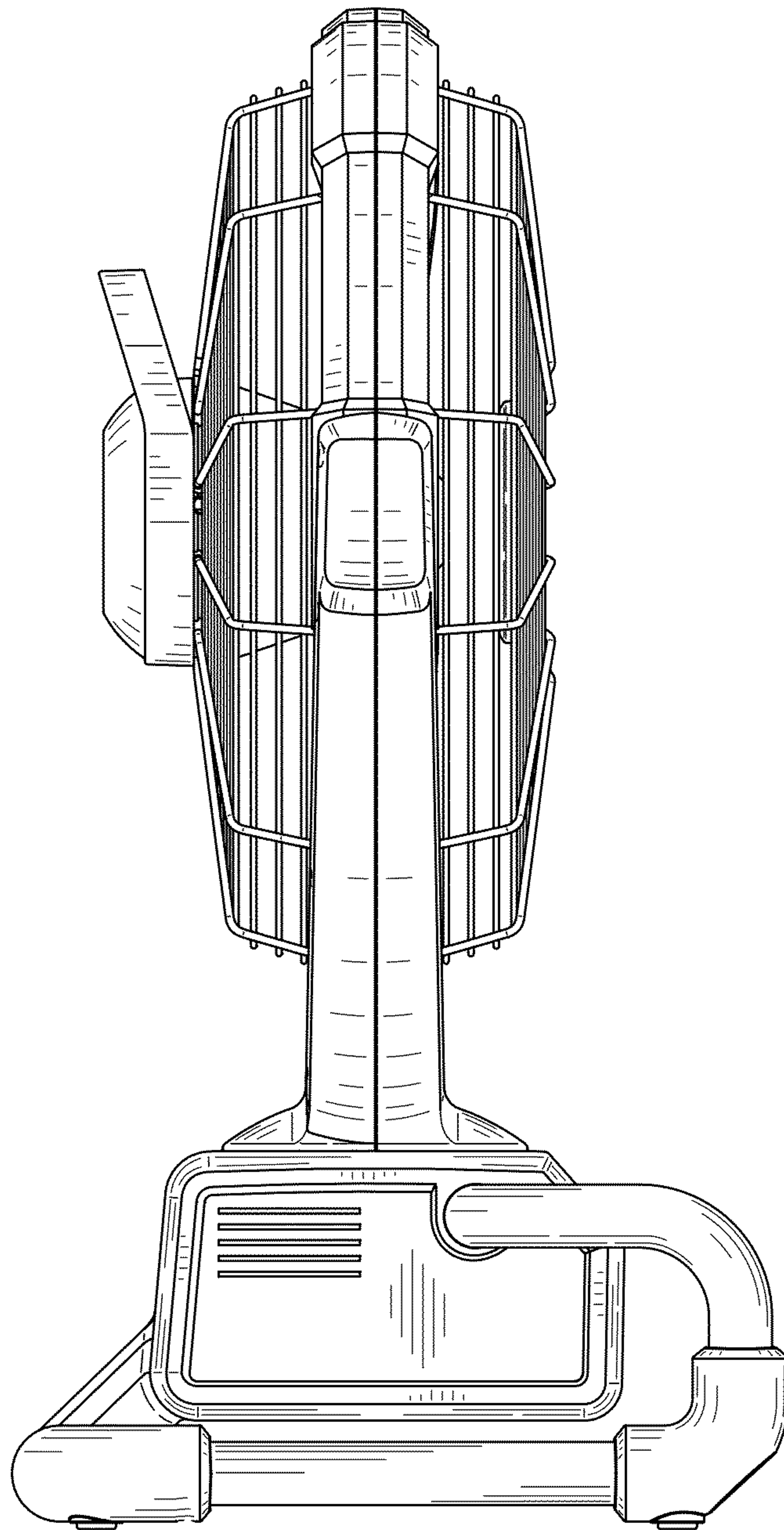


FIG. 6

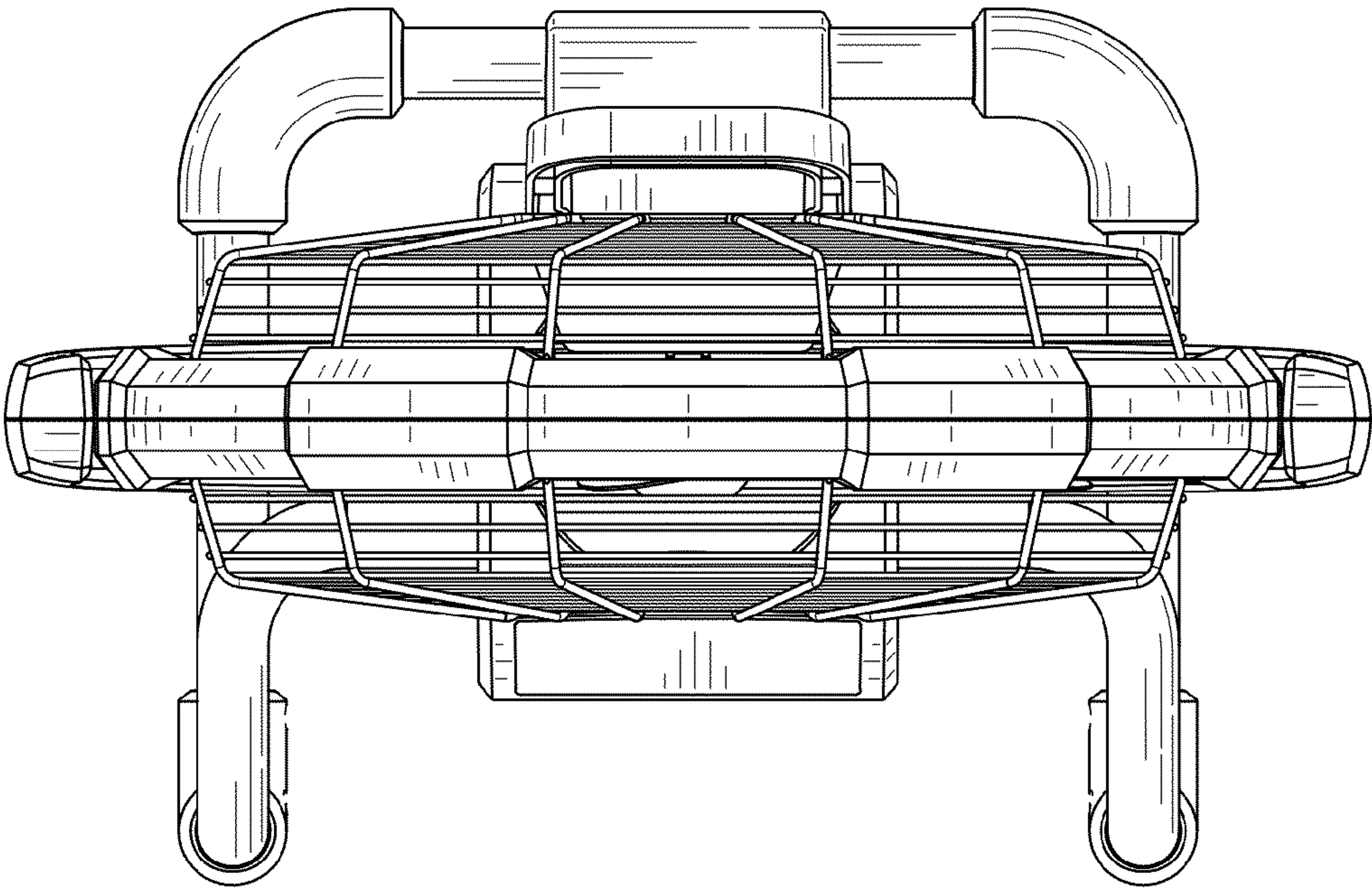


FIG. 7

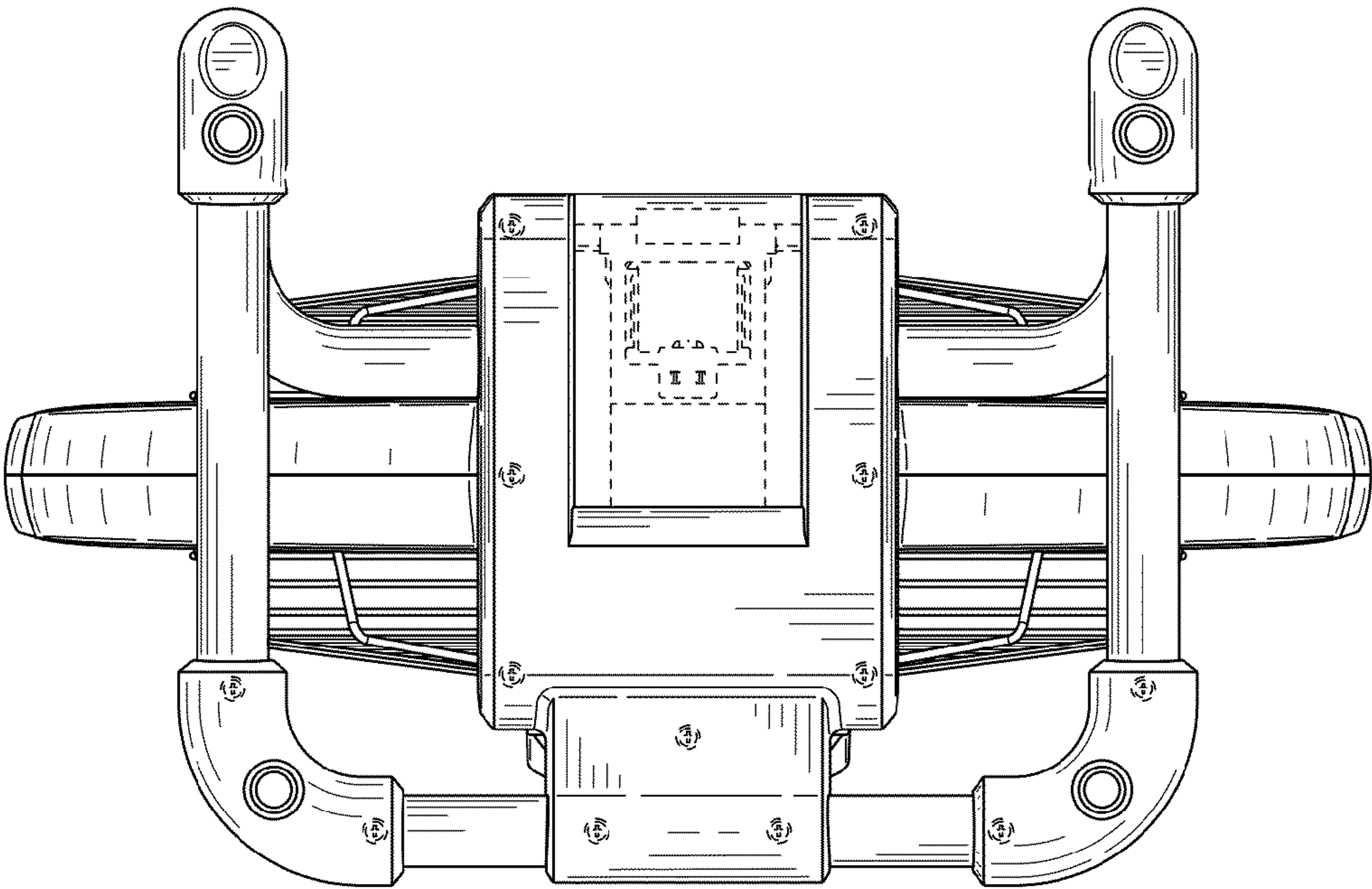


FIG. 8

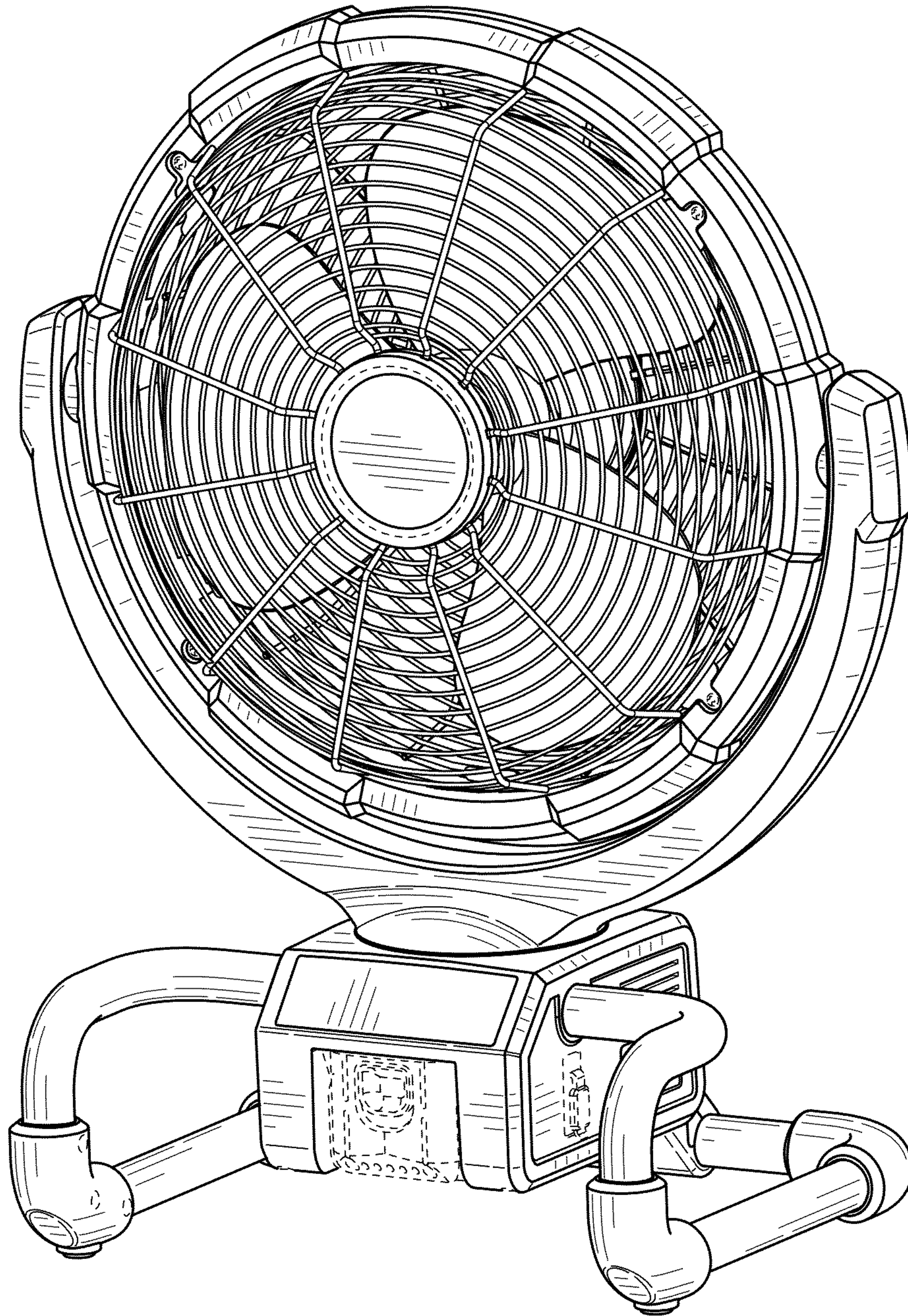


FIG. 9