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(12) **United States Design Patent** (10) **Patent No.:** **US D871,565 S**  
**Ma** (45) **Date of Patent:** **\*\* Dec. 31, 2019**

(54) **FAN**  
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(72) Inventor: **Shaowei Ma**, Guangdong (CN)  
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(52) **U.S. Cl.**  
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D23/370-376, 378, 379, 381-385,  
D23/411-414  
CPC ..... F04D 25/08; F04D 29/38; F04D 29/384;  
F04D 29/386; F04D 29/646  
See application file for complete search history.

(56) **References Cited**

**U.S. PATENT DOCUMENTS**

2,041,897 A \* 5/1936 Benson ..... F24H 3/0417  
392/361  
2,067,303 A \* 1/1937 Thomas ..... F24F 6/06  
261/92  
D104,096 S \* 4/1937 Friedman ..... D23/370  
2,246,069 A \* 6/1941 Harry ..... F24F 6/06  
219/472  
D207,812 S \* 5/1967 Bass et al. .... D23/383  
D221,653 S \* 8/1971 Meng et al. .... D23/317  
D281,272 S \* 11/1985 Lynch, Jr. .... D23/364  
D324,907 S \* 3/1992 Cook ..... D23/328  
D347,683 S \* 6/1994 Chiu ..... D23/332  
D384,734 S \* 10/1997 Ellwood ..... D23/335  
D440,883 S \* 4/2001 Wilson, Jr. .... D10/2

D458,361 S \* 6/2002 Melwani ..... D23/379  
D501,919 S \* 2/2005 Hsin-Mao ..... D23/364  
D760,370 S \* 6/2016 Herbst ..... D23/370  
D768,838 S \* 10/2016 Ritch ..... D23/324  
D801,507 S \* 10/2017 Kelnhofer ..... D23/366  
2013/0108481 A1 \* 5/2013 Hoyer ..... F04D 25/084  
417/234  
2019/0022677 A1 \* 1/2019 Zhang ..... B05B 7/0081

**OTHER PUBLICATIONS**

Lumbar fan, Application No. 201730611777, application date Dec. 5, 2017, date published Jun. 12, 2018, site visited Mar. 15, 2019, available at [www.orbit.com](http://www.orbit.com).\*

Xcellent Global Mini High Power Portable Belt Clip USB Fan, date first reviewed Mar. 14, 2019, [amazon.com](http://amazon.com), site visited Mar. 17, 2019, Copyright © 1996-2019, Available from Internet, <<https://www.amazon.com/Xcellent-Global-Portable-Camping-Activities/dp/B07F1CWWR5?th=1>>.\*

\* cited by examiner

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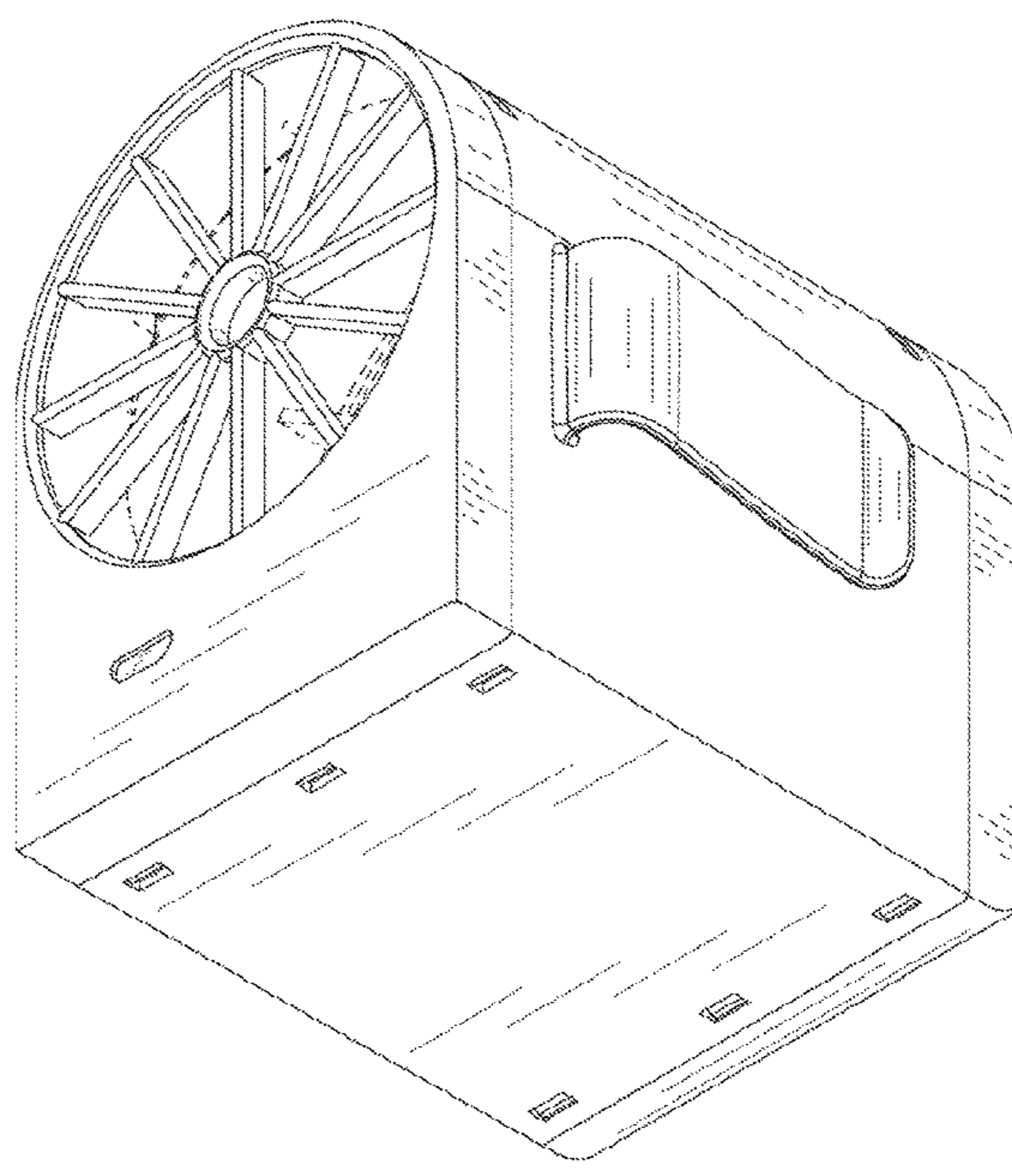
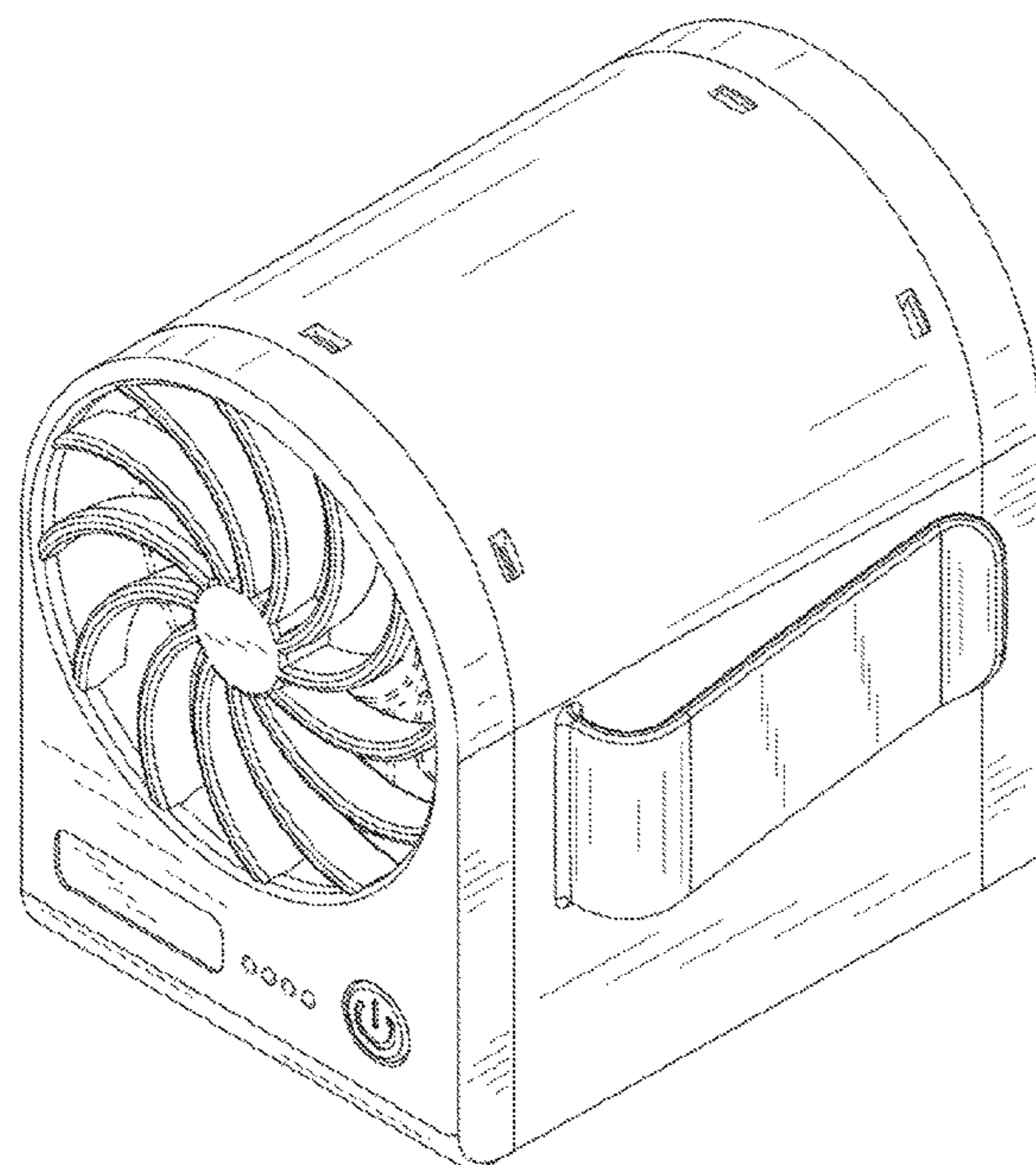
(57) **CLAIM**

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

**DESCRIPTION**

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

**1 Claim, 8 Drawing Sheets**



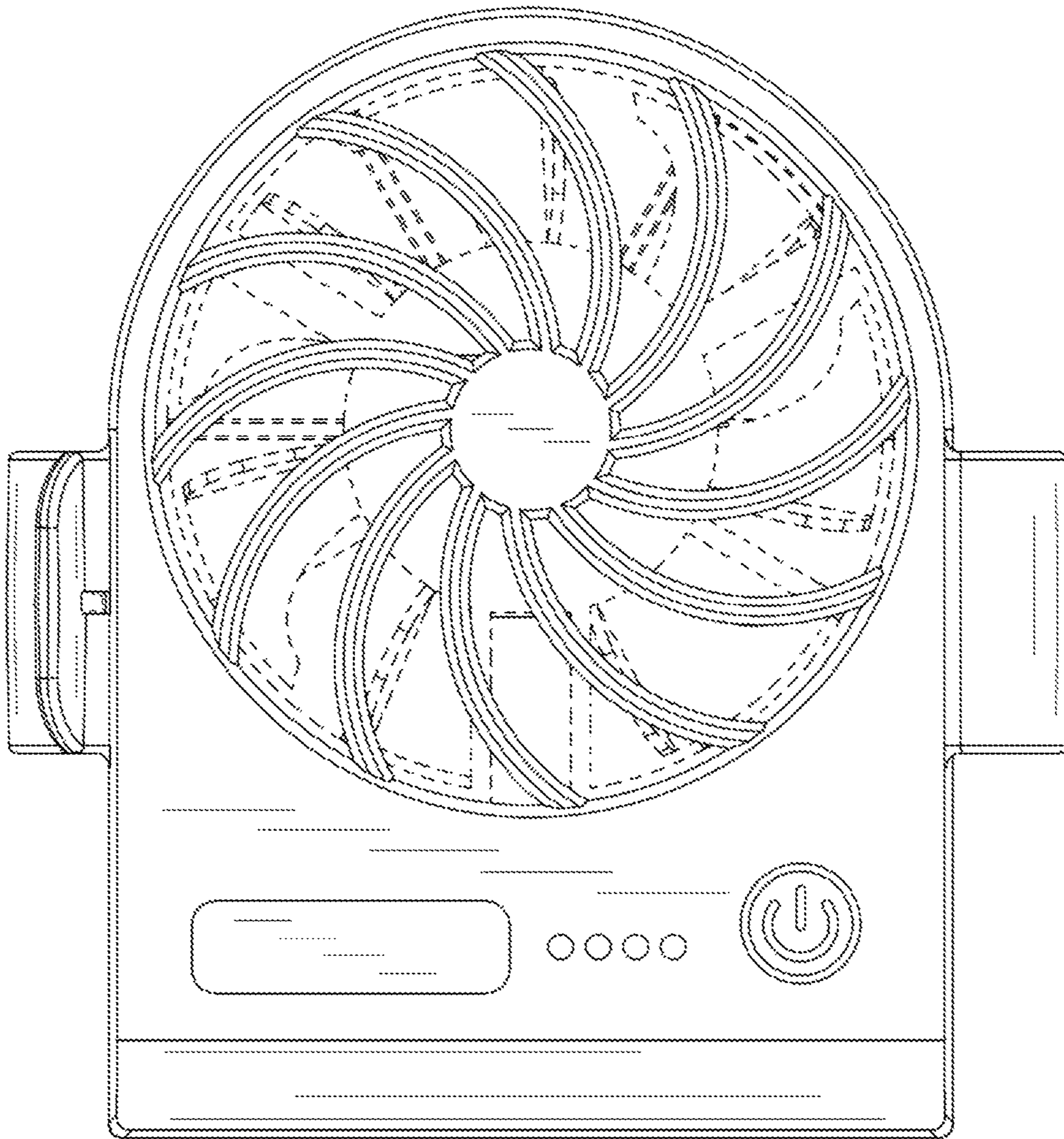


Fig.1

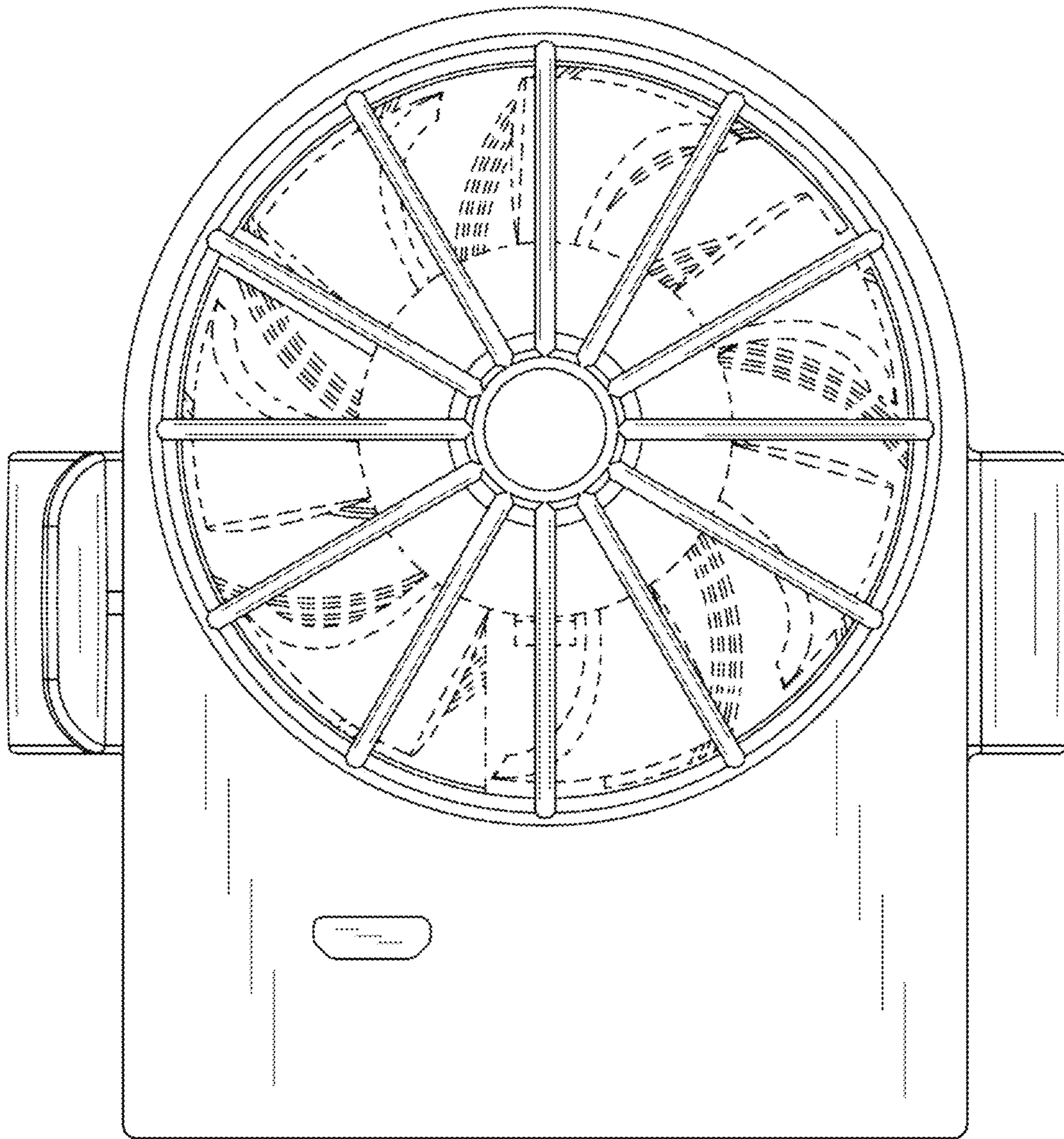
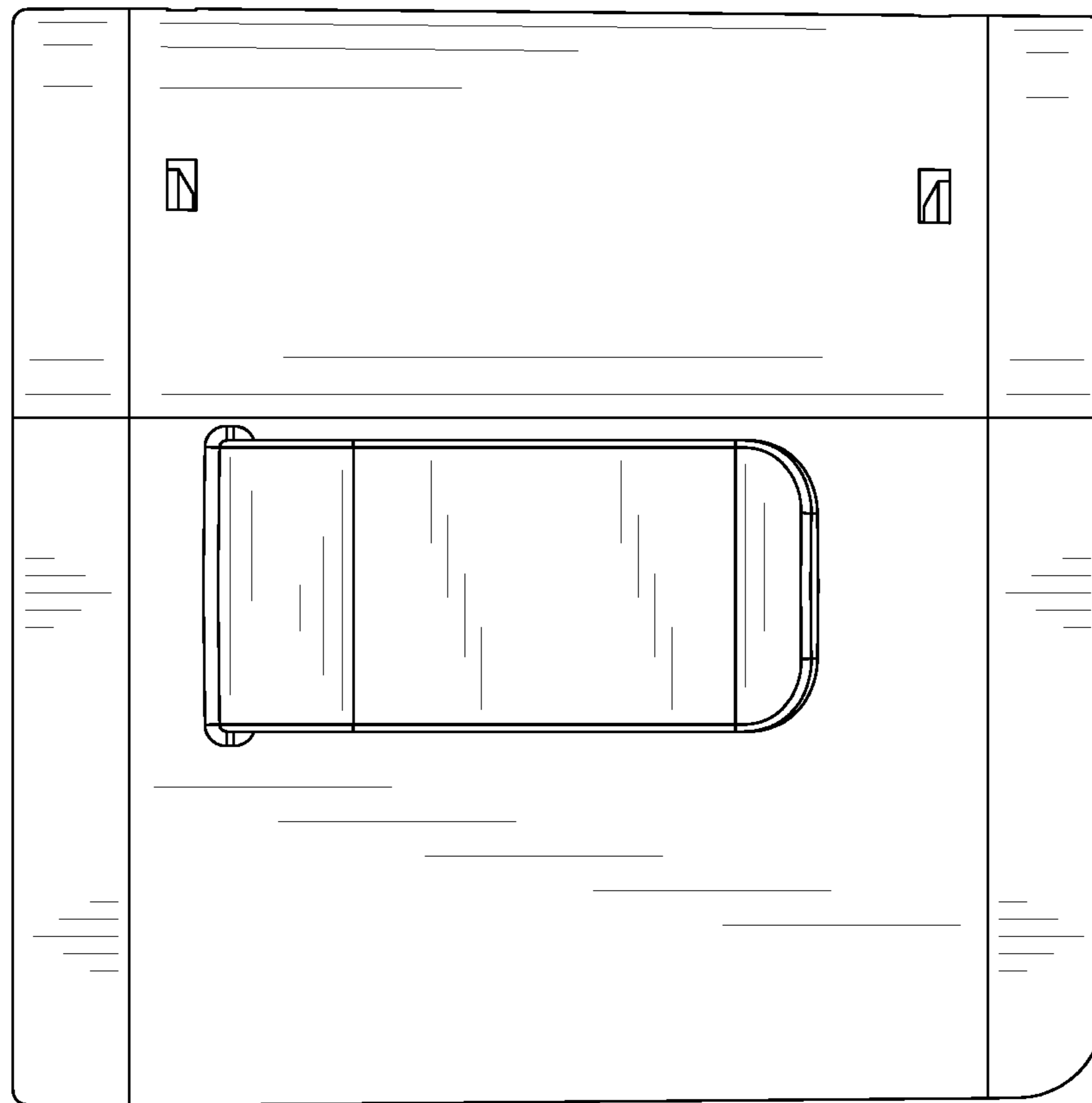
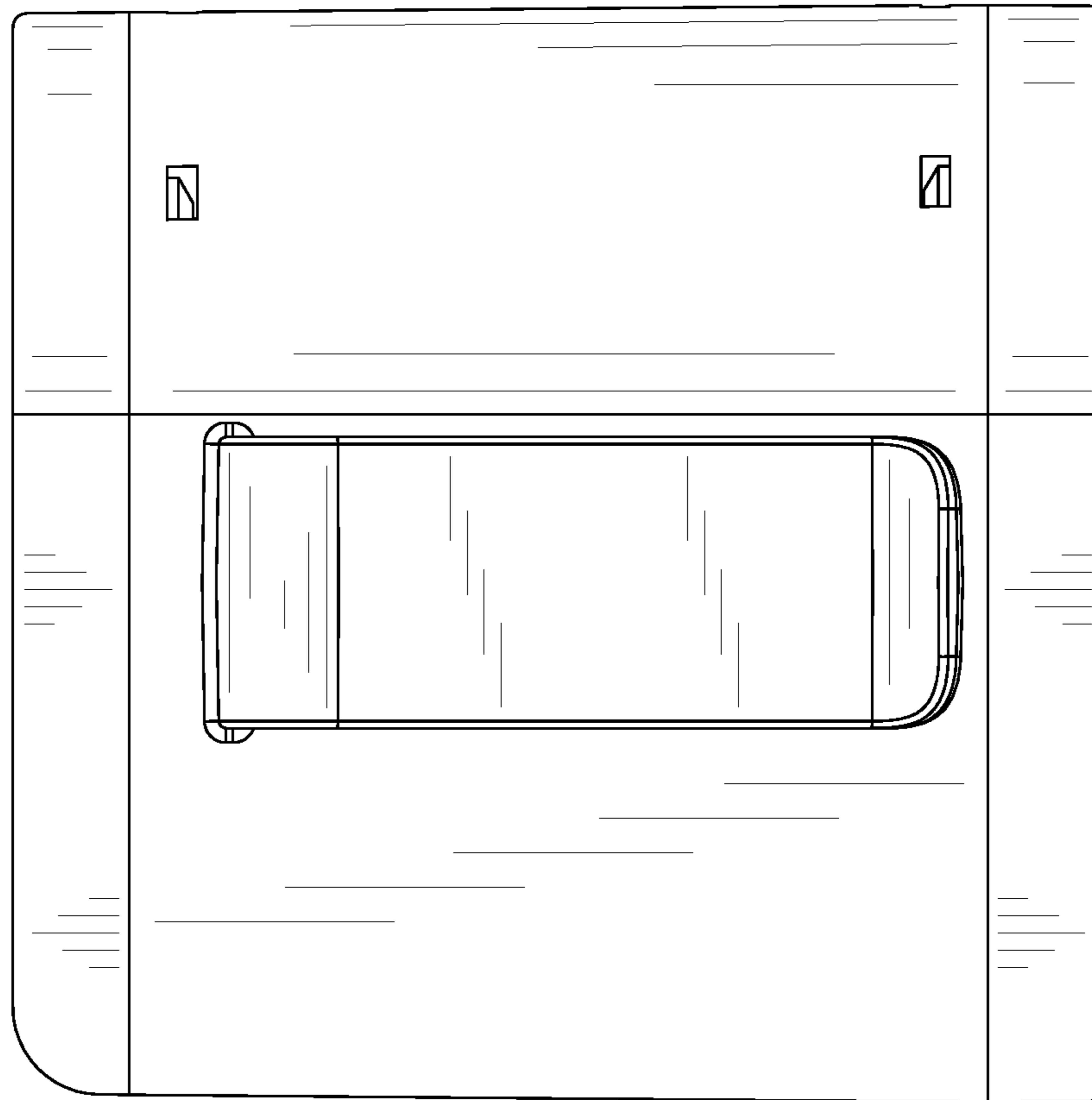


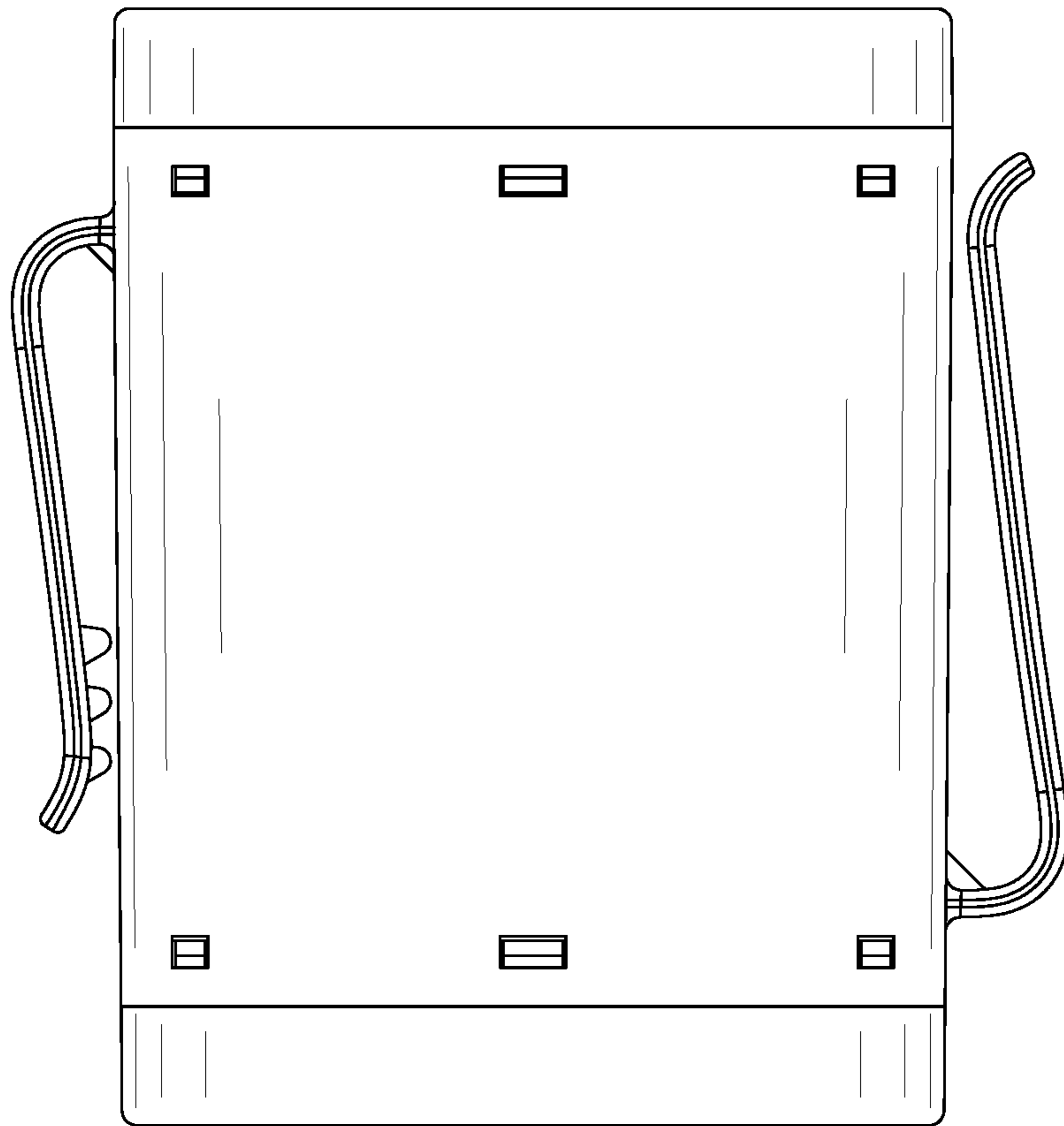
Fig.2



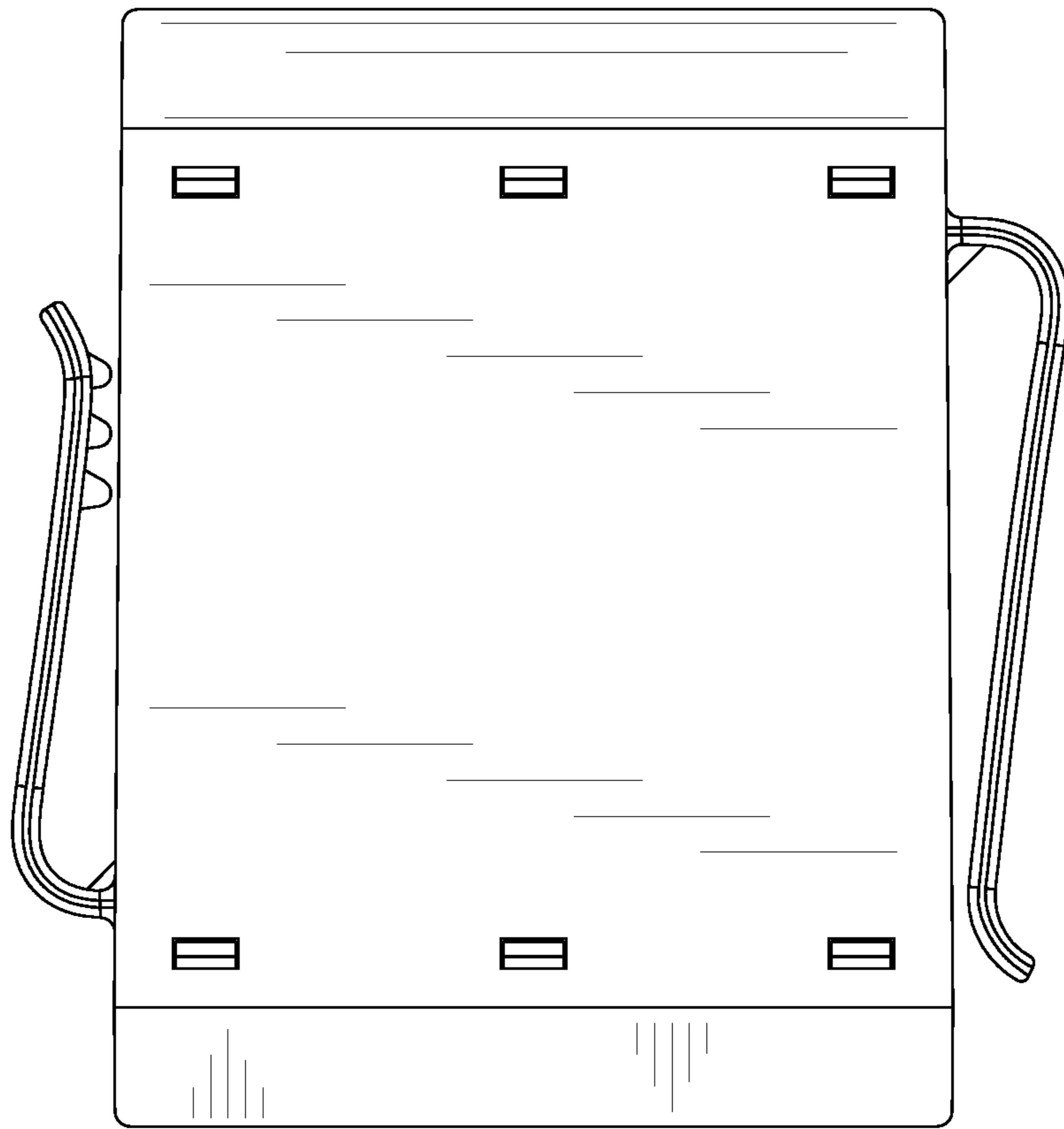
*Fig3*



*Fig.4*



*Fig.5*



*Fig.6*

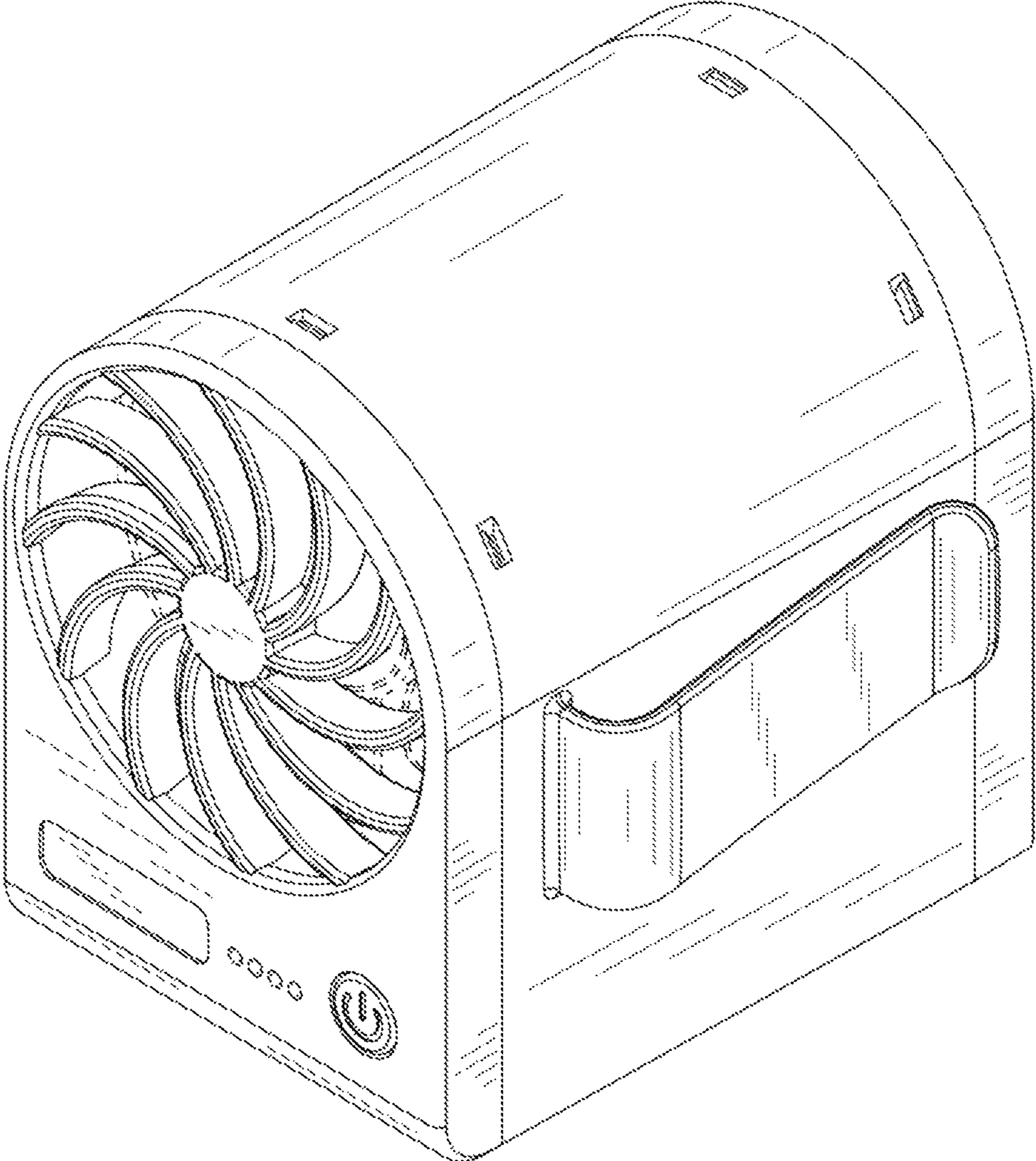


Fig.7



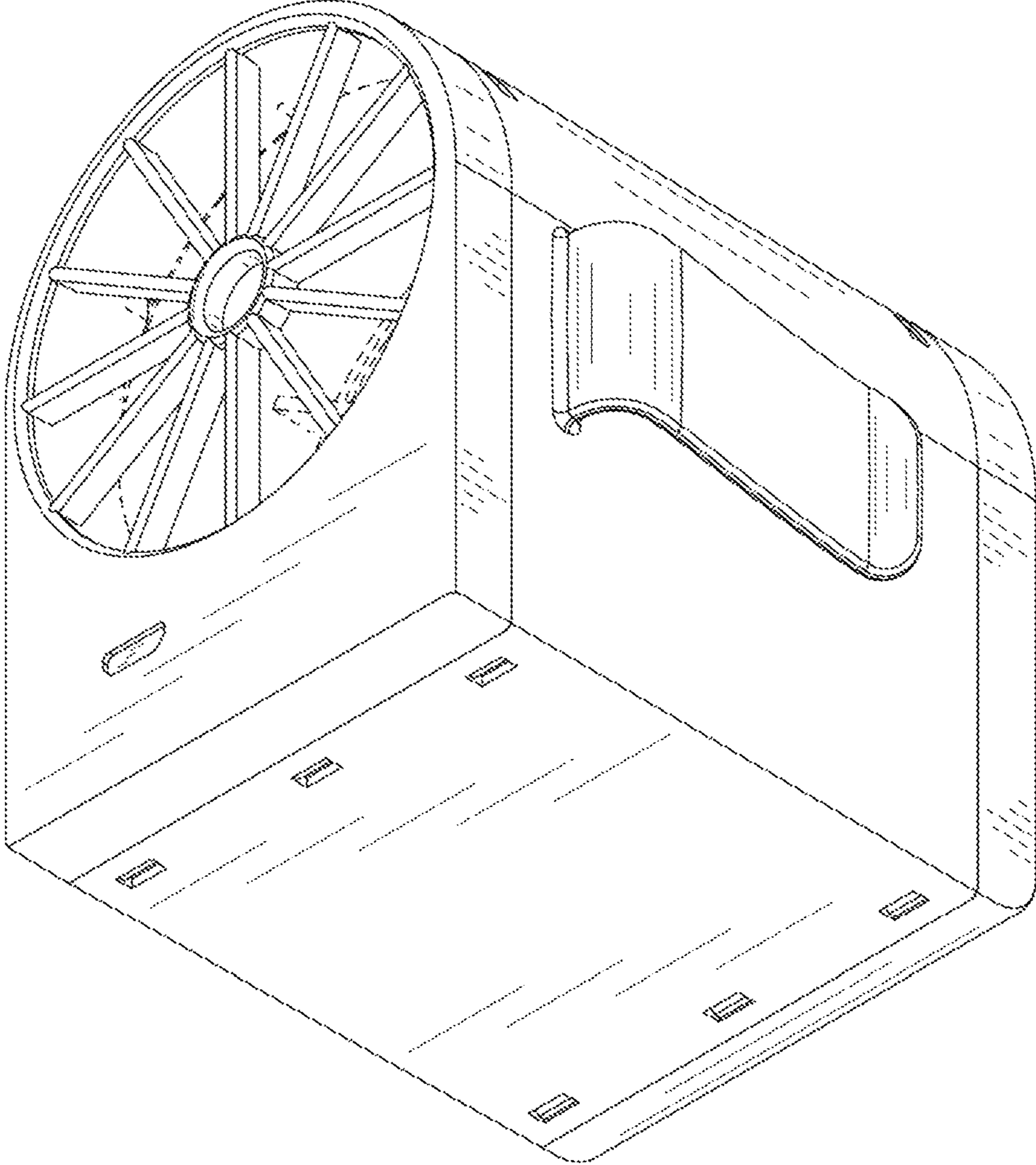


Fig.8