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

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(54) **CAR ANION AIR PURIFIER WITH USB PORTS**

(71) Applicant: **Ionkini Technology (GZ) Co., Ltd.**,
Guangzhou, Guangdong (CN)

(72) Inventors: **Haojian Wang**, Guangdong (CN);
Bingbing Wang, Guangdong (CN)

(73) Assignee: **Ionkini Technology (GZ) Co., Ltd.**,
Guangzhou (CN)

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

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Aug. 17, 2017 (CN) 2017 3 0378324

(51) **LOC (12) Cl.** **28-99**

(52) **U.S. Cl.**
USPC **D23/366**

(58) **Field of Classification Search**

USPC D23/355-369, 352, 332, 333, 335, 336,
D23/342, 351; 422/120, 122; 55/356,
55/473, 504; 96/97; D14/188, 170, 172;
261/DIG. 17, DIG. 65, DIG. 88, DIG. 31,
261/DIG. 42, DIG. 89; D18/34.6; D28/5,
D28/6; 392/390, 394, 395; 239/34, 44,
239/53, 55, 56, 326; D26/14, 17, 98, 9,
D26/22, 24; D11/131.1; D7/509, 522,
D7/524, 537

CPC .. A61L 9/16; A61L 9/22; B01D 47/00; B01D
47/027; B01D 2221/02; B01D 2259/4508;
B03C 3/155; B03C 3/368; F24F 3/16;
F24F 13/20; F24F 13/28; F24F 3/1405;
F24F 3/1603; F24F 13/222

See application file for complete search history.

(56) **References Cited**

U.S. PATENT DOCUMENTS

D97,356 S * 10/1935 Robinson D23/362
4,808,347 A * 2/1989 Dawn A61L 9/122
261/30

D306,644 S * 3/1990 Luthy D23/366
D313,650 S * 1/1991 Odegaard D23/386
D315,789 S * 3/1991 Muderlak D23/366
D414,550 S * 9/1999 Bloom D23/328
D442,683 S * 5/2001 Wu D23/366
D557,396 S * 12/2007 Cheng D23/364
D692,548 S * 10/2013 Wirz D23/366
D692,550 S * 10/2013 Wirz D23/366

(Continued)

OTHER PUBLICATIONS

Ionkini website, Car Air Purifier with Car Charger JO-6291, May 1,
2018, [http://www.ionkini.cn/products/show.asp?ArticleID=0&id=128](http://www.ionkini.cn/products/show.asp?ArticleID=0&id=128&cid=001)
&cid=001 (Year: 2018).*

Primary Examiner — Nathan M Johnston

(57) **CLAIM**

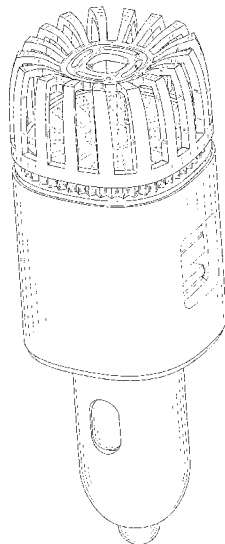
The ornamental design for a car anion air purifier with USB
ports, as shown and described.

DESCRIPTION

FIG. 1 is a front elevational view of a car anion air purifier
with USB ports showing our new design;
FIG. 2 is a rear elevational view thereof;
FIG. 3 is a left side view thereof;
FIG. 4 is a top plan view thereof;
FIG. 5 is a bottom and front perspective view thereof;
FIG. 6 is a top and front perspective view thereof;
FIG. 7 is a top, left and front perspective view thereof;
FIG. 8 is a first top perspective view thereof; and,
FIG. 9 is a second top perspective view thereof.

The broken lines in the drawings illustrate portions of the car
anion air purifier with USB ports which form no part of the
claimed design.

1 Claim, 9 Drawing Sheets



(56)

References Cited

U.S. PATENT DOCUMENTS

D710,984 S *	8/2014	Hsiao	D23/366
D711,523 S *	8/2014	Hsiao	D23/366
D711,524 S *	8/2014	Hsiao	D23/366

* cited by examiner

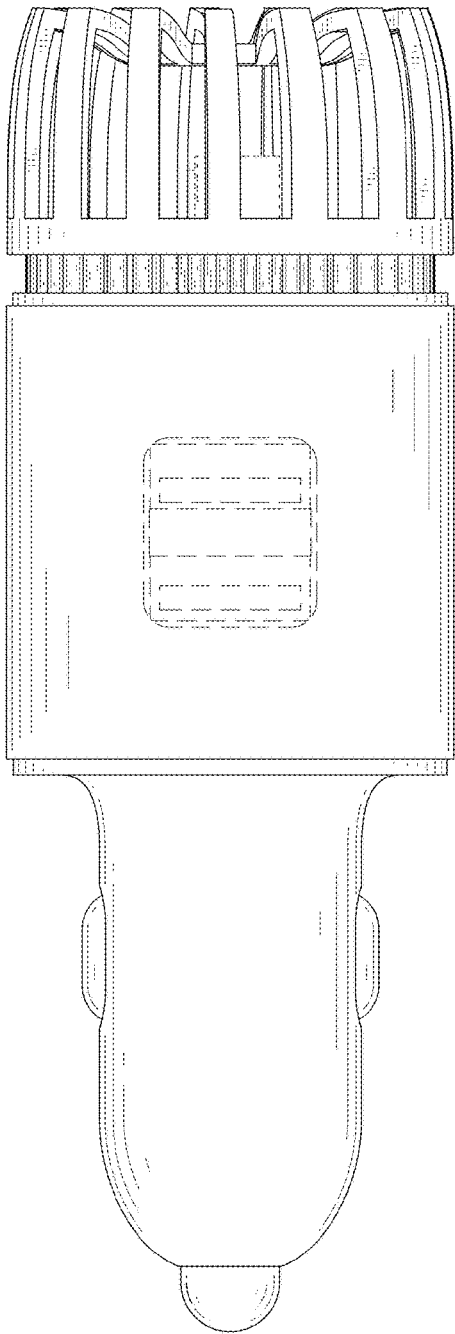


FIG. 1

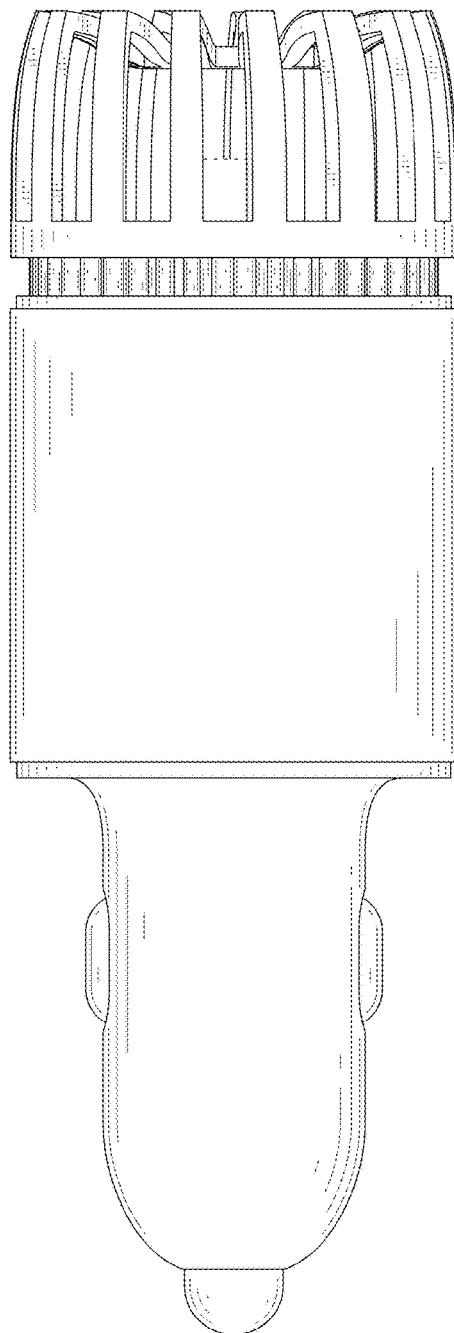


FIG. 2

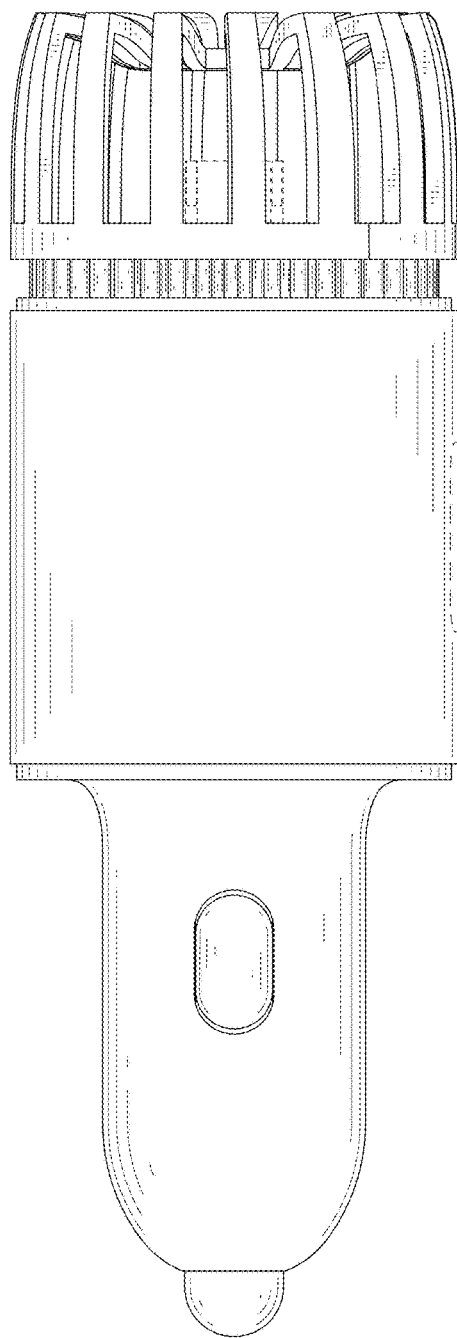


FIG. 3

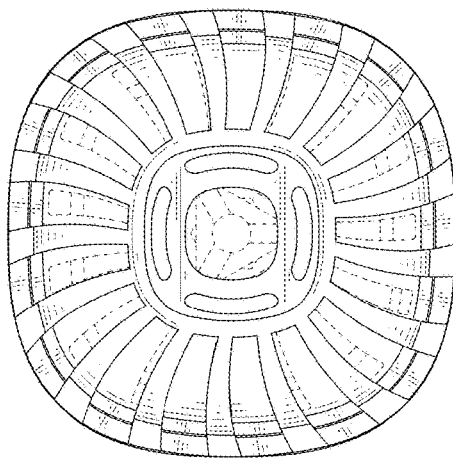


FIG. 4

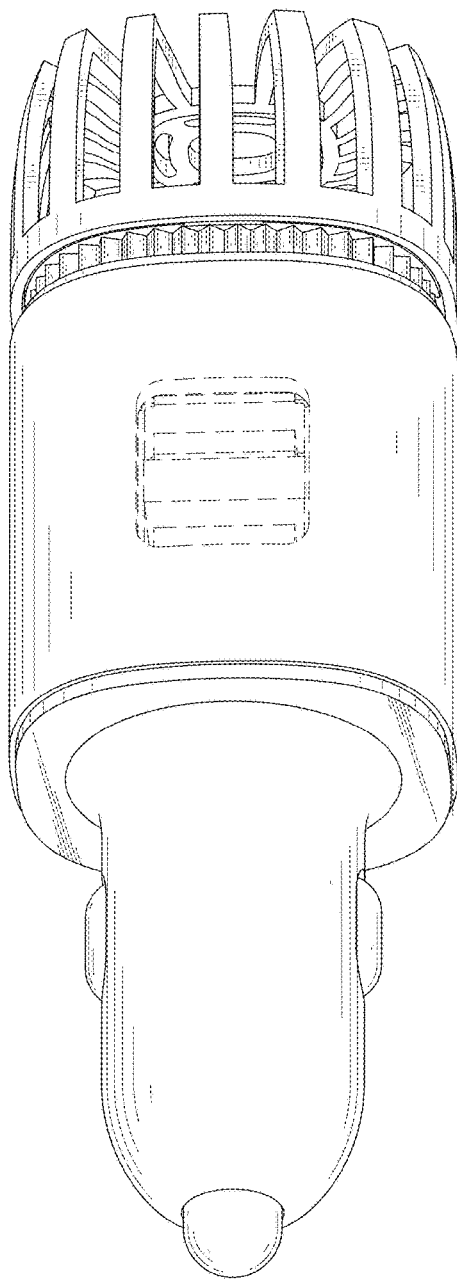


FIG. 5

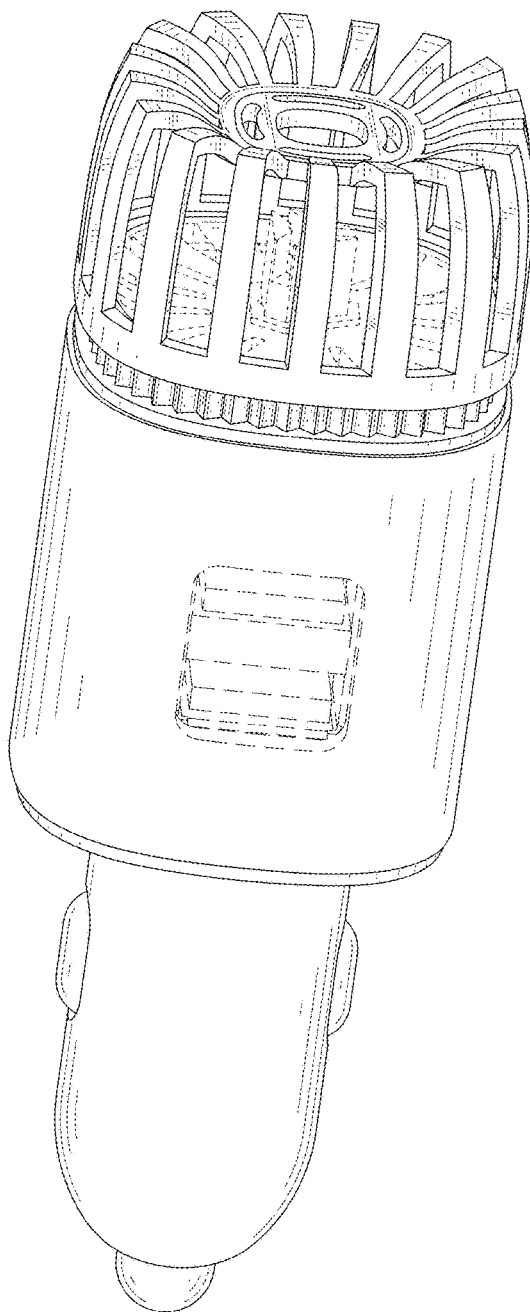


FIG. 6

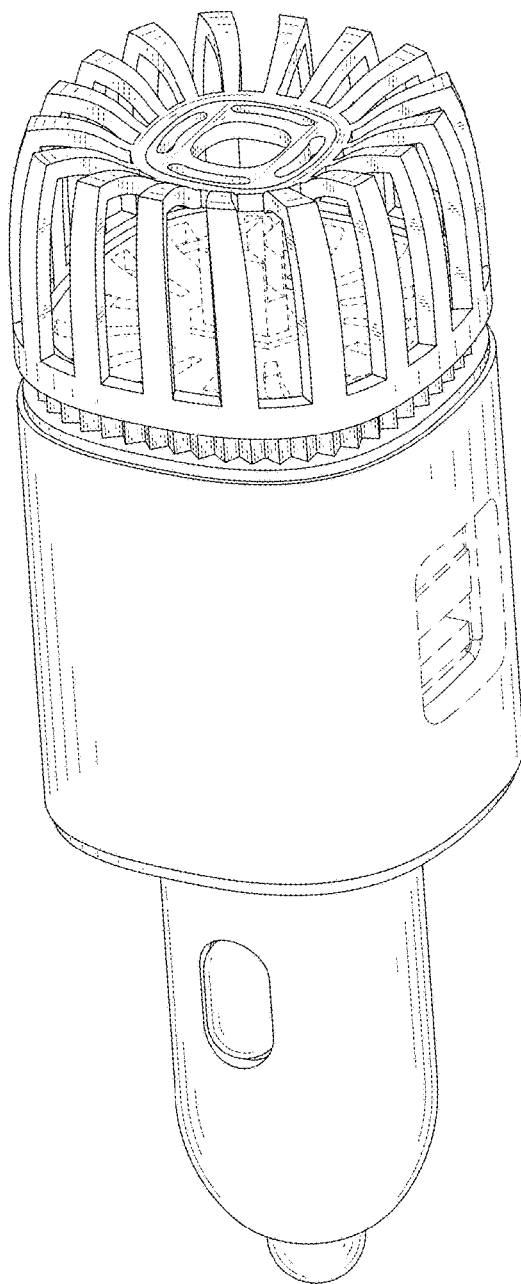


FIG. 7

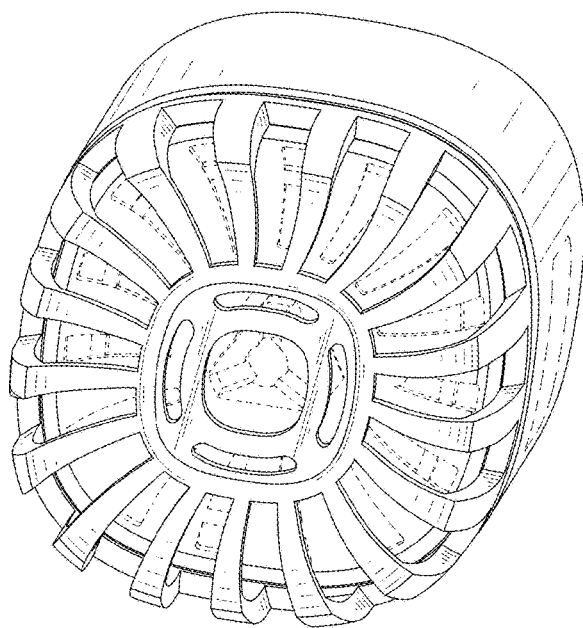


FIG. 8

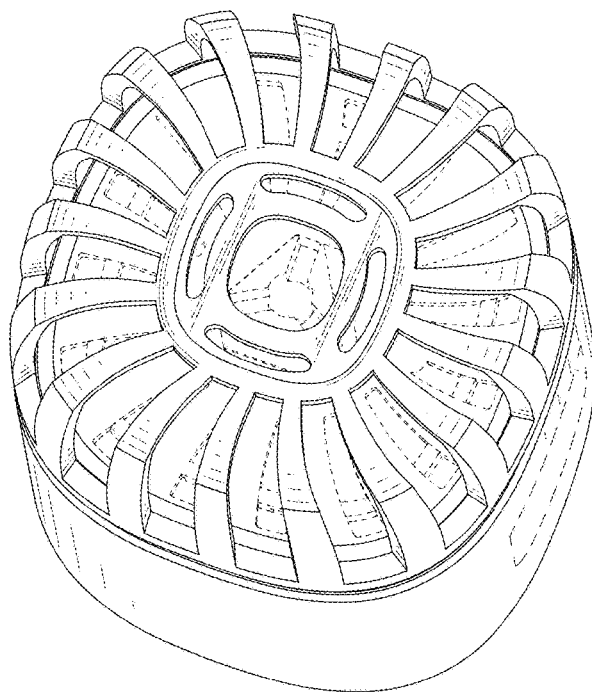


FIG. 9