



US00D896318S

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

(10) **Patent No.:** **US D896,318 S**

(45) **Date of Patent:** **** Sep. 15, 2020**

(54) **BUBBLE MACHINE**

(71) Applicant: **SHENZHEN QIANHAI JUNLIAN
NETWORK TECHNOLOGY CO.,
LTD.**, Shenzhen (CN)

(72) Inventors: **Yan Li**, Shenzhen (CN); **Weijian Yuan**,
Yichun (CN)

(73) Assignee: **SHENZHEN QIANHAI JUNLIAN
NETWORK TECHNOLOGY CO.
LTD.**, Shenzhen (CN)

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

(21) Appl. No.: **29/689,428**

(22) Filed: **Apr. 30, 2019**

(51) **LOC (12) Cl.** **21-01**

(52) **U.S. Cl.** **D21/401**
USPC

(58) **Field of Classification Search**
USPC D21/401; 446/15–21
CPC A63H 33/28
See application file for complete search history.

(56) **References Cited**

U.S. PATENT DOCUMENTS

2,547,825	A *	4/1951	King	.....	A63H 33/28 446/16
4,044,496	A *	8/1977	Jernstrom	.....	A63H 33/28 446/16
6,077,143	A *	6/2000	Gutierrez	.....	A63H 33/28 446/15
D490,861	S *	6/2004	Buzzelli	.....	D21/401
D627,403	S *	11/2010	Lo	.....	D21/401
D642,629	S *	8/2011	Lo	.....	D21/401
D643,477	S *	8/2011	Lo	.....	D21/401
D678,421	S *	3/2013	Hedeen, Jr.	.....	D21/401
D717,880	S *	11/2014	Chen	.....	D21/401
D790,009	S *	6/2017	Lo	.....	D21/401

2006/0052028 A1* 3/2006 Thai A63H 33/28
446/16

2008/0274662 A1* 11/2008 Lo A63H 33/28
446/16

2009/0163109 A1* 6/2009 Thai A63H 33/28
446/16

2012/0220184 A1* 8/2012 Orem A63H 33/28
446/16

2019/0126161 A1* 5/2019 Yang A63H 33/28

FOREIGN PATENT DOCUMENTS

CN	304706227	*	6/2018
CN	304894126	*	11/2018
CN	304920381	*	11/2018

(Continued)

Primary Examiner — Catherine A Tuttle

(74) *Attorney, Agent, or Firm* — Law Offices of Steven
W. Weinrieb

(57) **CLAIM**

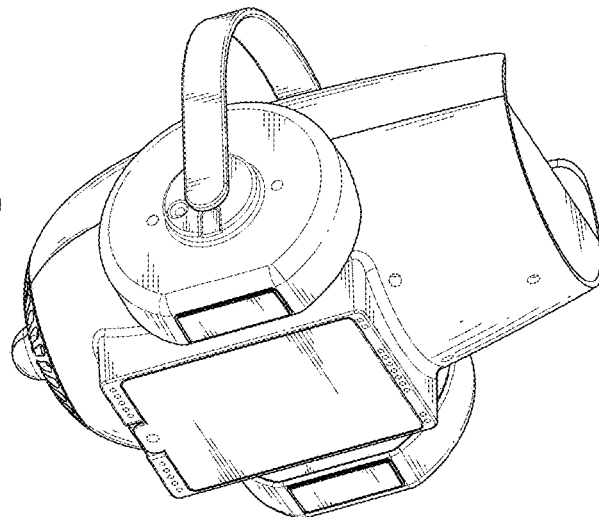
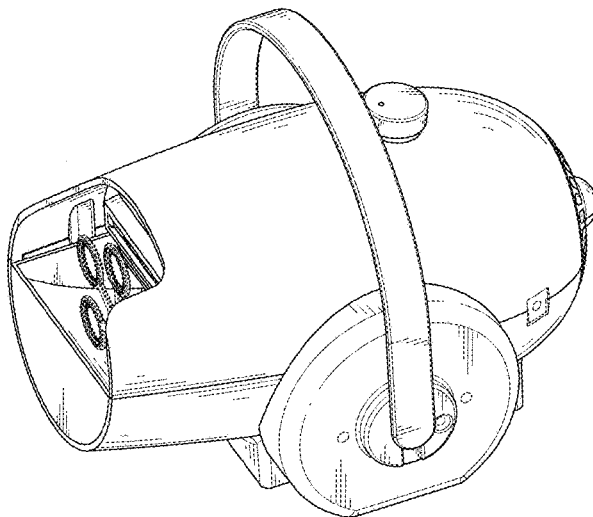
The ornamental design for a bubble machine, as shown and
described.

DESCRIPTION

FIG. 1 is a front, right side, top perspective view of a bubble
machine showing our new design;
FIG. 2 is a front, left side, bottom perspective view thereof;
FIG. 3 is a front elevational view;
FIG. 4 is a rear elevational view thereof;
FIG. 5 is a left side elevational view thereof;
FIG. 6 is a right side elevational view thereof;
FIG. 7 is a top plan view thereof; and,
FIG. 8 is a bottom plan view thereof.

The dashed lines are included for the purpose of defining the
boundaries of the unclaimed areas of the bubble machine
and depicting unclaimed features contained within these
boundaries.

1 Claim, 8 Drawing Sheets



(56)

References Cited

FOREIGN PATENT DOCUMENTS

CN	304975506	*	1/2019	
EM	004239408-0001	*	9/2017	
EP	0082233 A1	*	6/1983	..... A63H 33/28

* cited by examiner

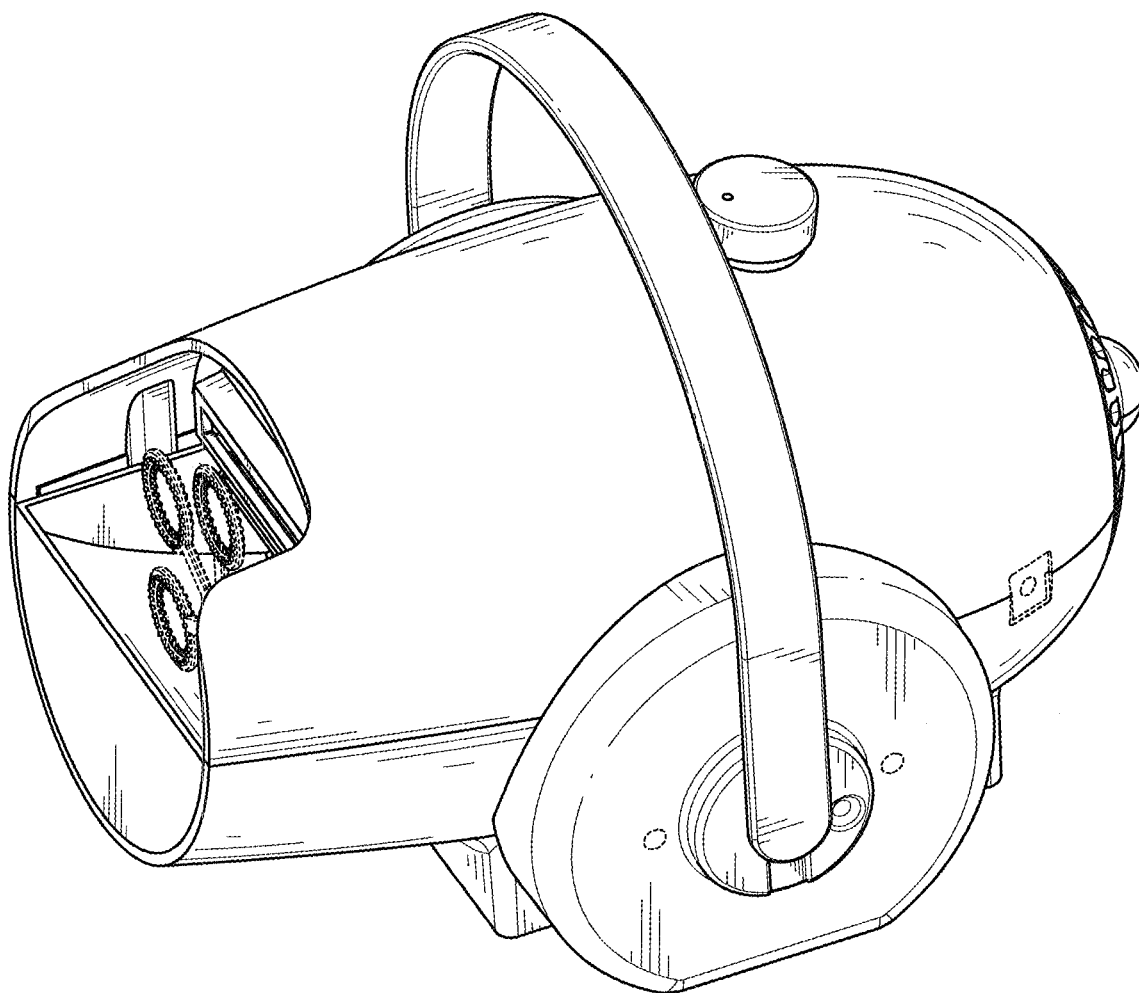


FIG. 1

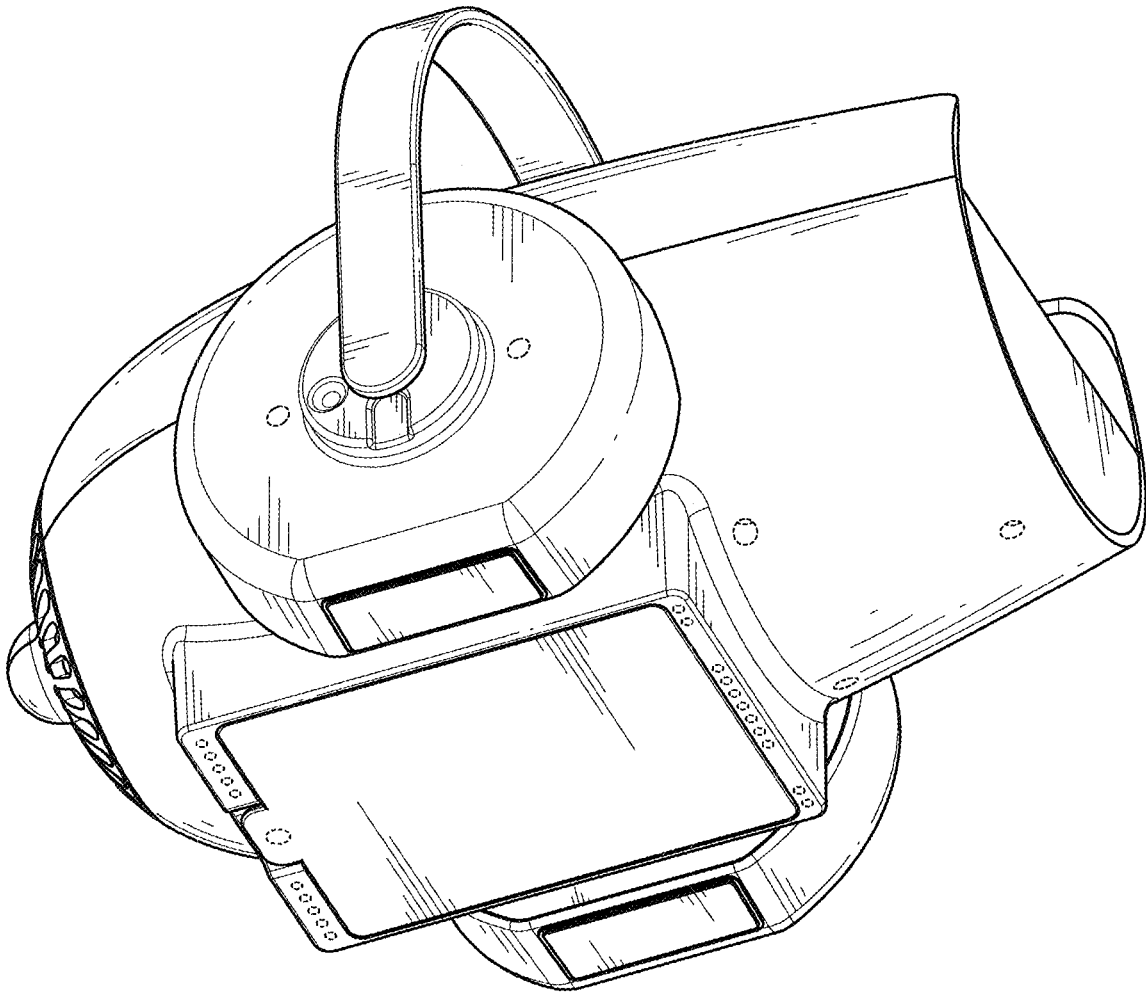


FIG. 2

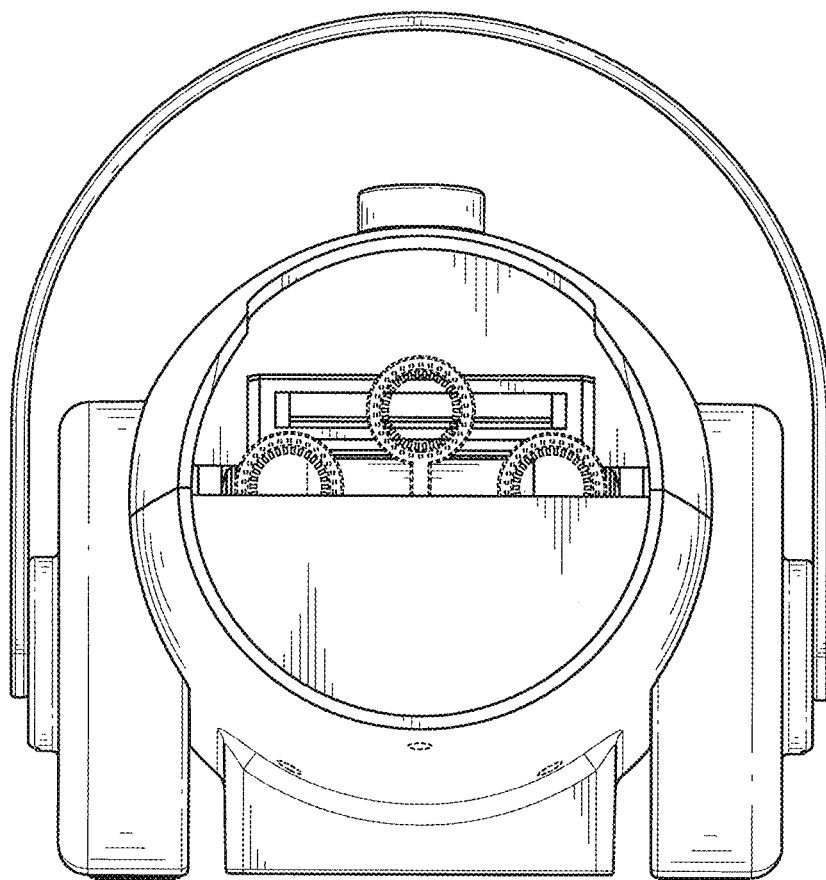


FIG. 3

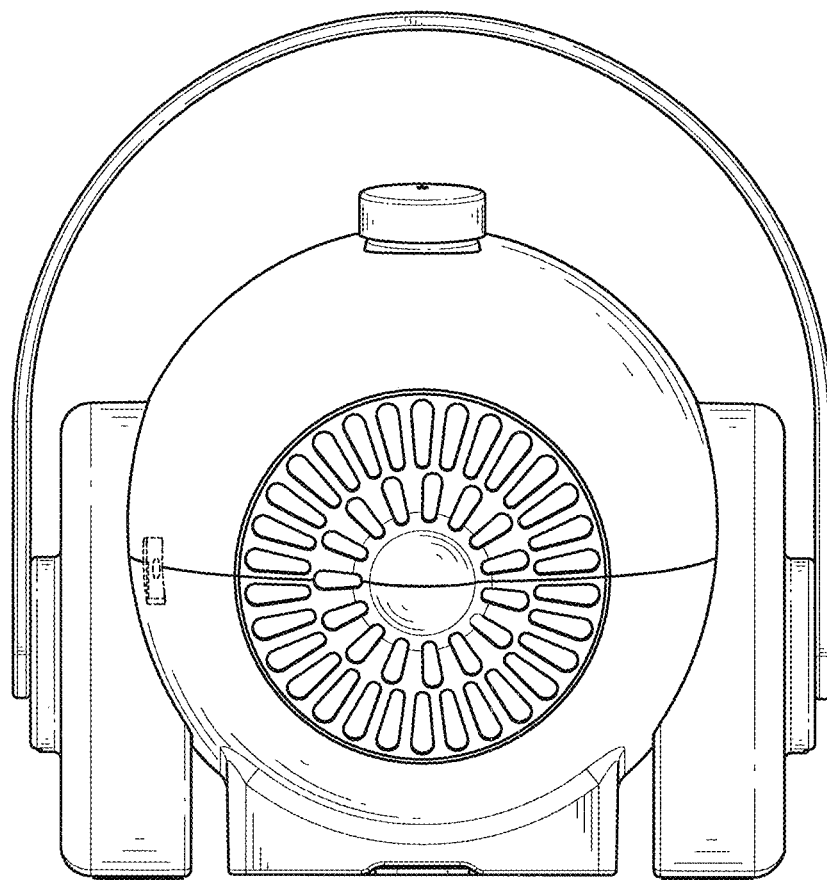


FIG. 4

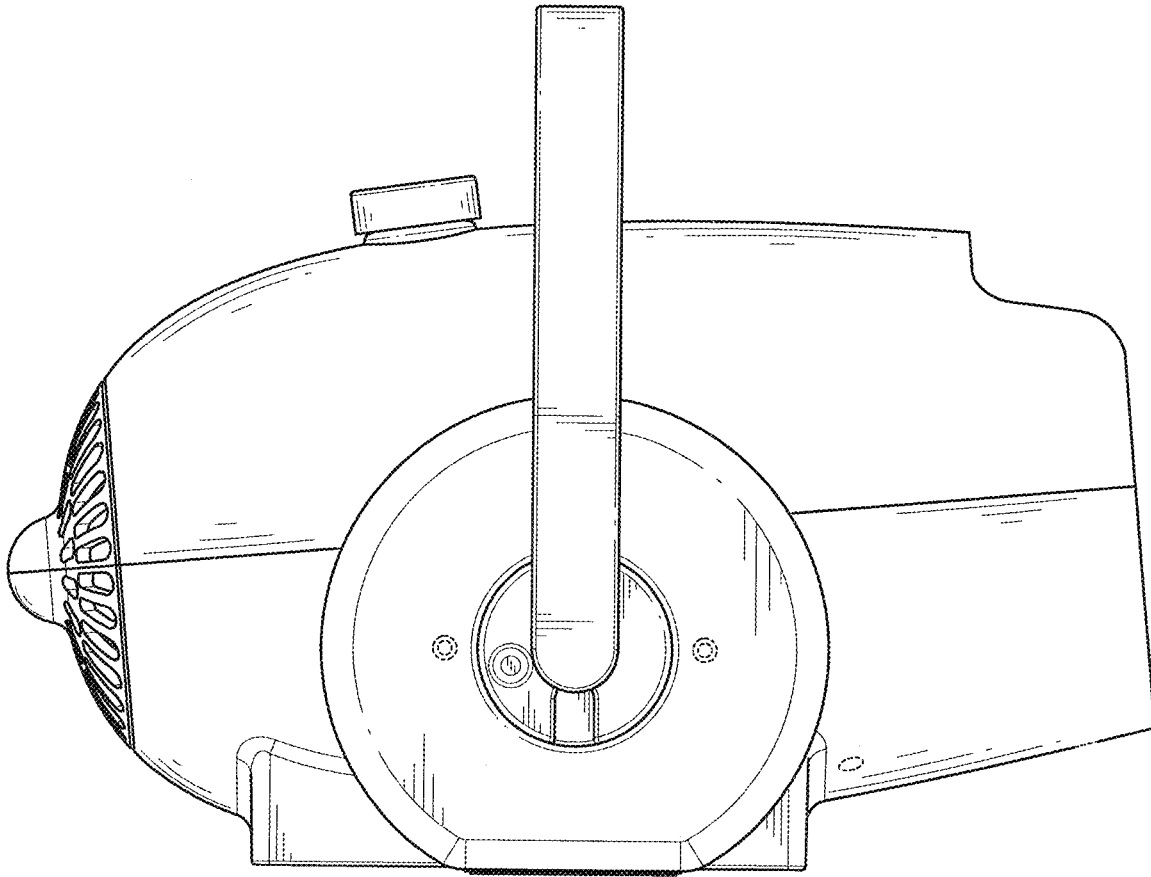


FIG. 5

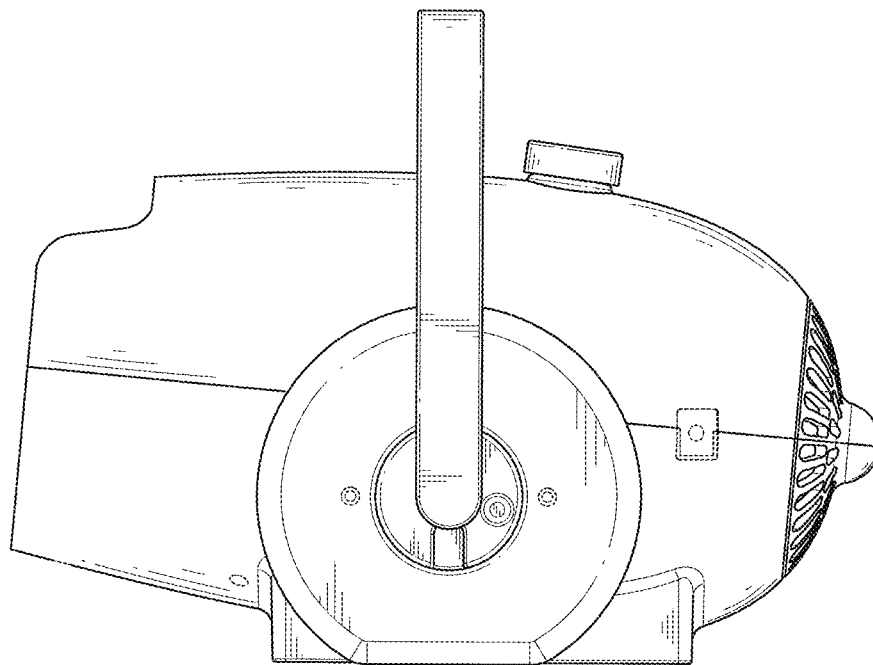


FIG. 6

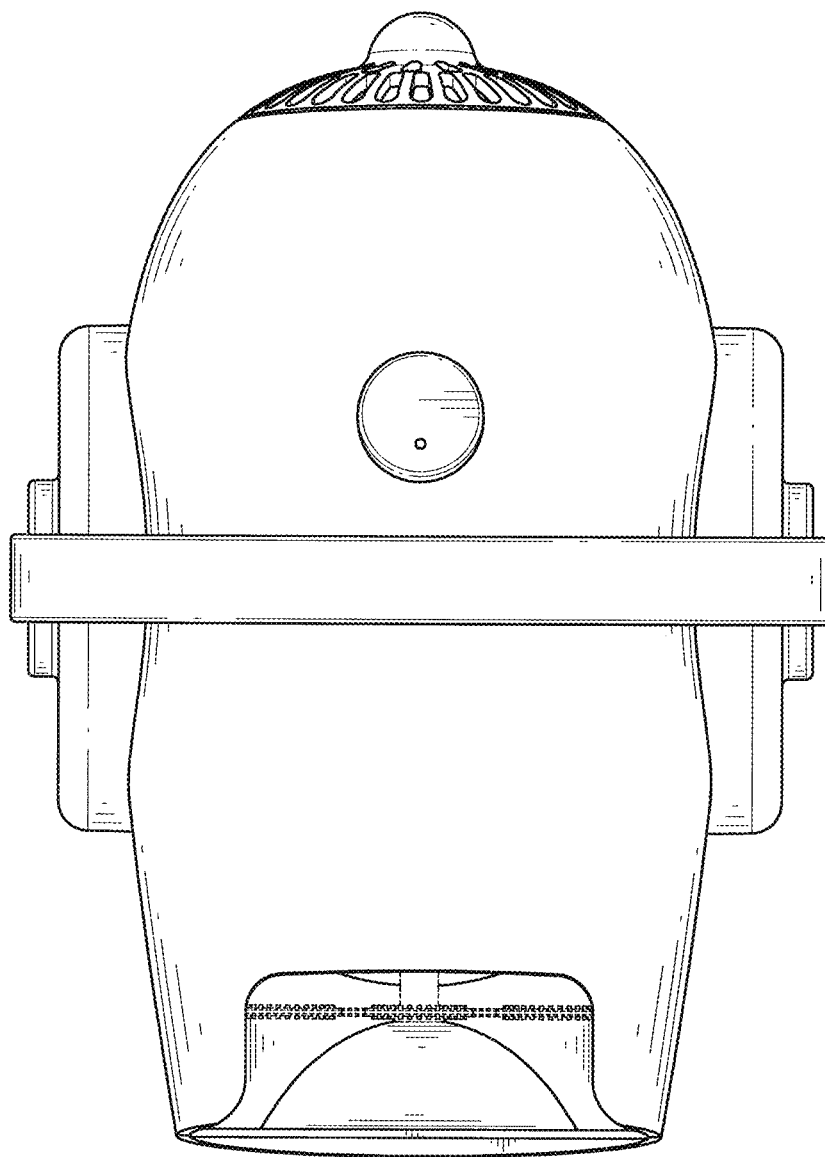


FIG. 7

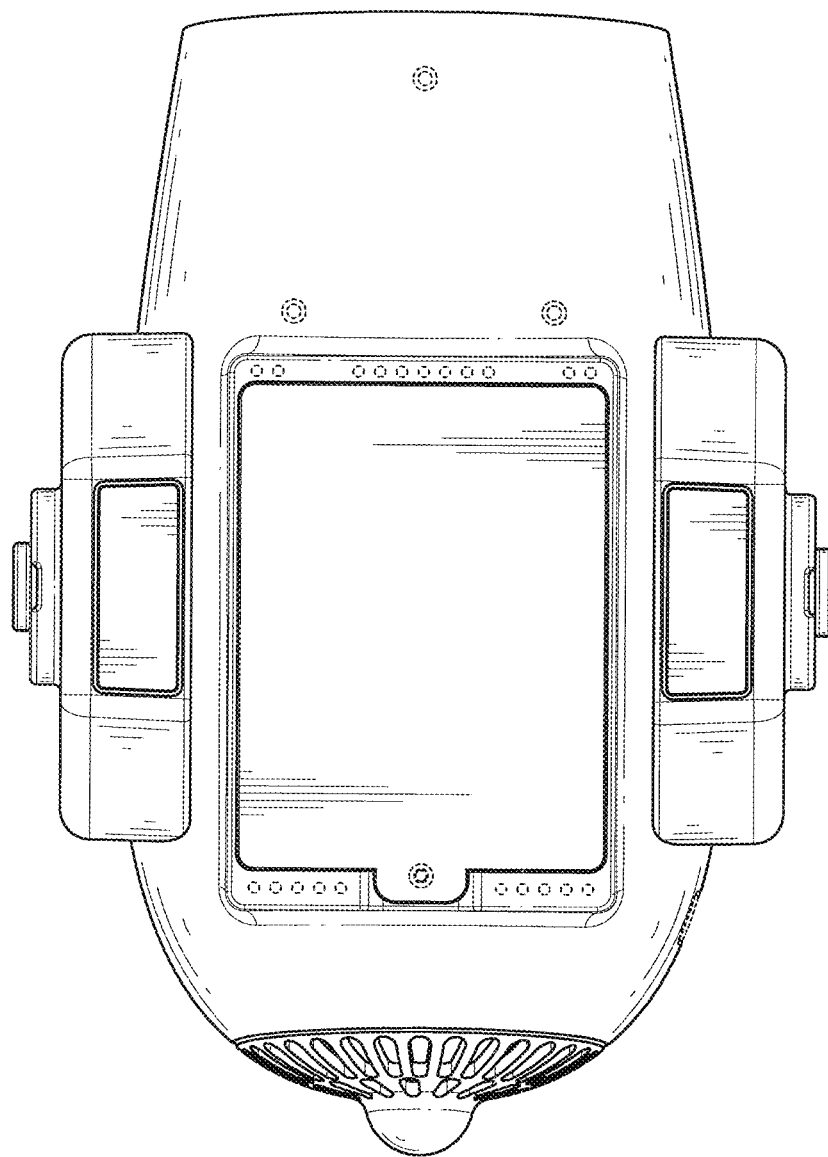


FIG. 8