



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

(10) **Patent No.:** **US D855,398 S**
(45) **Date of Patent:** **** Aug. 6, 2019**

(54) **GAS BURNER**

(71) Applicant: **Samsung Electronics Co., Ltd.**,
Suwon-si (KR)

(72) Inventors: **Qasim Khan**, Suwon-si (KR); **Dongho Park**, Suwon-si (KR); **Myoungkeun Kwon**, Seoul (KR); **Eung Ryeol Seo**, Suwon-si (KR)

(73) Assignee: **Samsung Electronics Co., Ltd.**,
Suwon-si (KR)

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

(21) Appl. No.: **29/622,763**

(22) Filed: **Oct. 19, 2017**

(30) **Foreign Application Priority Data**

Jun. 19, 2017 (KR) 30-2017-0028181

(51) **LOC (12) Cl.** **07-02**

(52) **U.S. Cl.**
USPC **D7/407**

(58) **Field of Classification Search**
USPC D7/332-337, 339-341, 346-349,
D7/354-356, 362, 363, 366, 367, 396.1,
D7/402-407
CPC F23D 14/00; F23D 14/02; F23D 14/04;
F24C 3/08; H05B 2213/07; H05B 3/68
See application file for complete search history.

(56) **References Cited**

U.S. PATENT DOCUMENTS

D434,601 S * 12/2000 Lewis D7/407
6,315,552 B1 * 11/2001 Haynes F23D 14/06
239/553
7,017,572 B2 * 3/2006 Cadima F23D 14/06
126/39 E
D524,105 S * 7/2006 Poltronieri D7/407
D564,296 S * 3/2008 Koch D7/407

D585,240 S * 1/2009 Beraset D7/407
7,628,609 B2 * 12/2009 Pryor F23D 14/06
126/39 E
7,841,332 B2 * 11/2010 Pottenger F23D 14/06
126/39 E

(Continued)

FOREIGN PATENT DOCUMENTS

EM 002375592-0005 1/2014
KR 30-2013-0013981 5/2014
KR 30-2015-0002962 7/2015

OTHER PUBLICATIONS

“Hexagon gas burner assembly.”[2017] www.alibaba.com Jul. 5, 2017 <https://www.alibaba.com/product-detail/hexagon-gas-burner-assembly_630565209.html>.

Primary Examiner — Sheryl Lane

Assistant Examiner — Nicole C Shiflet

(74) *Attorney, Agent, or Firm* — NSIP Law

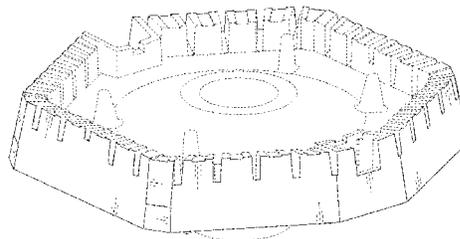
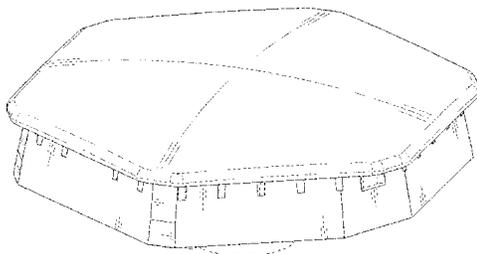
(57) **CLAIM**

We claim the ornamental design for a gas burner, as shown and described.

DESCRIPTION

FIG. 1 is a front perspective view of a gas burner showing our new design;
FIG. 2 is a front elevational view thereof;
FIG. 3 is a rear elevational view thereof;
FIG. 4 is a left-side elevational view thereof;
FIG. 5 is a right-side elevational view thereof;
FIG. 6 is a top plan view thereof;
FIG. 7 is a bottom plan view thereof;
FIG. 8 is a front perspective view of the gas burner shown with the cap removed; and,
FIG. 9 is a front elevational view of the gas burner shown with the cap removed.
The broken lines in the figures depict environmental subject matter and form no part of the claimed design.

1 Claim, 6 Drawing Sheets



(56)

References Cited

U.S. PATENT DOCUMENTS

D678,722	S	*	3/2013	Lona Santoyo	D7/407
D685,225	S	*	7/2013	Santoyo	D7/407
D697,369	S	*	1/2014	Lona Santoyo	D7/407
D745,321	S	*	12/2015	Koch	D7/407

* cited by examiner

FIG. 1

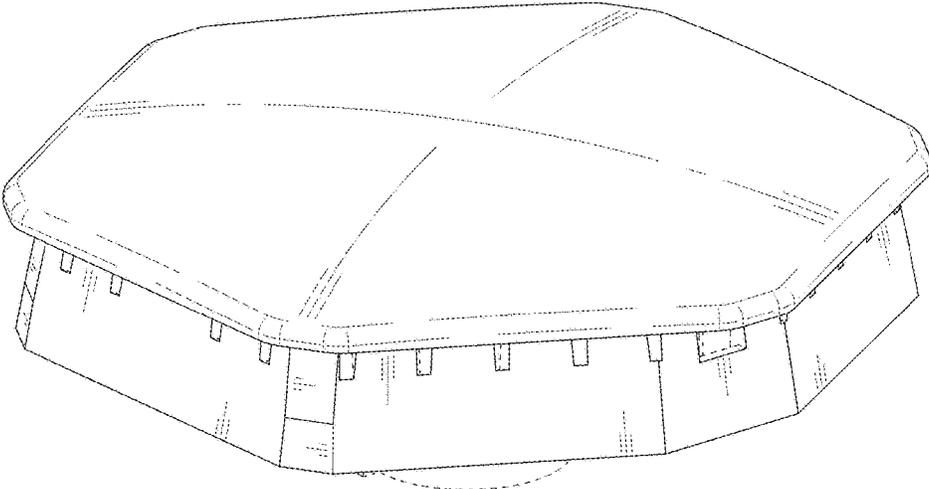


FIG. 2

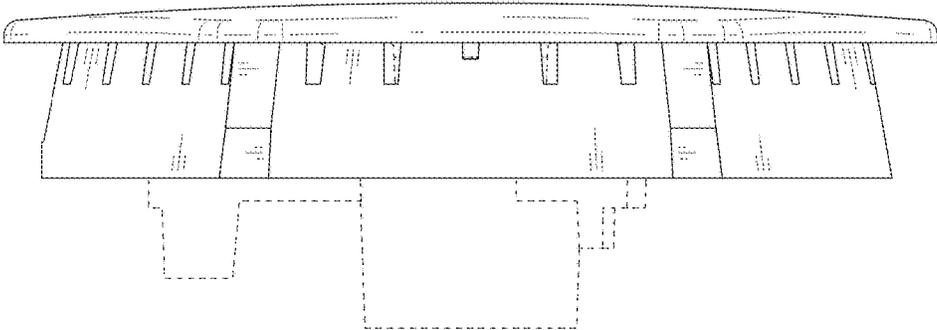


FIG. 3

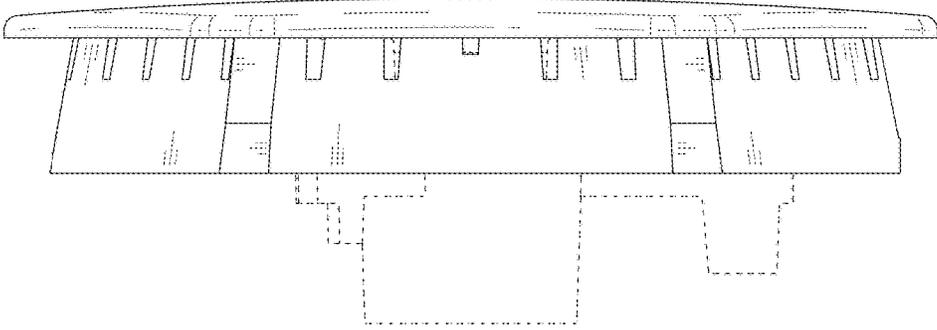


FIG. 4

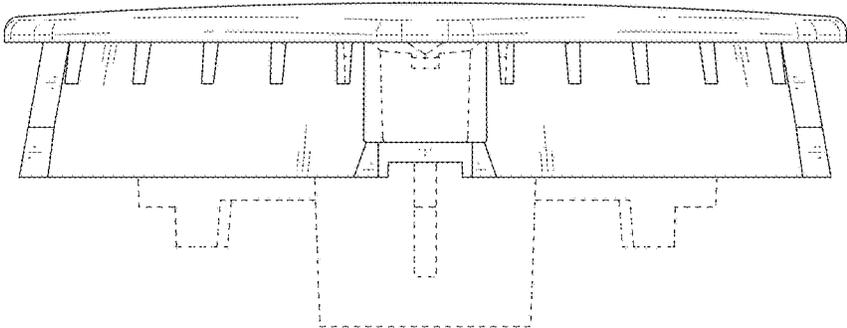


FIG. 5

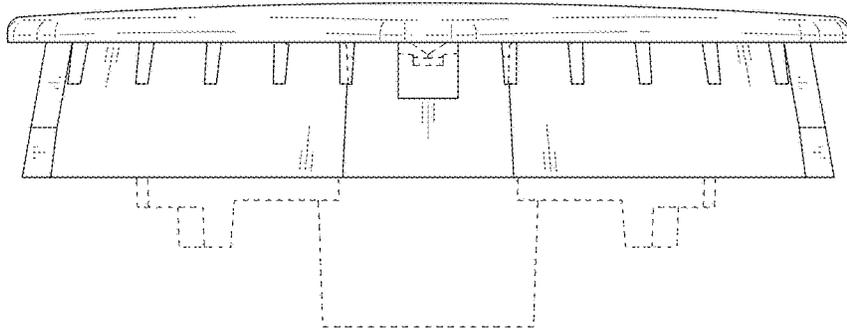


FIG. 6

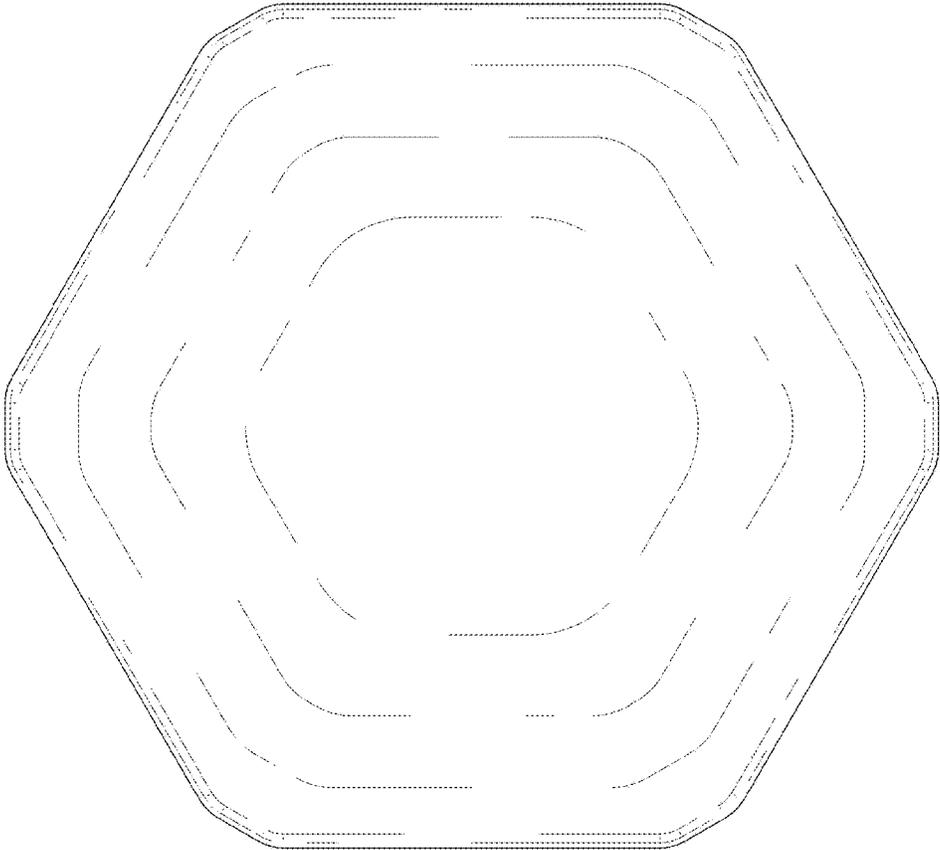


FIG. 7

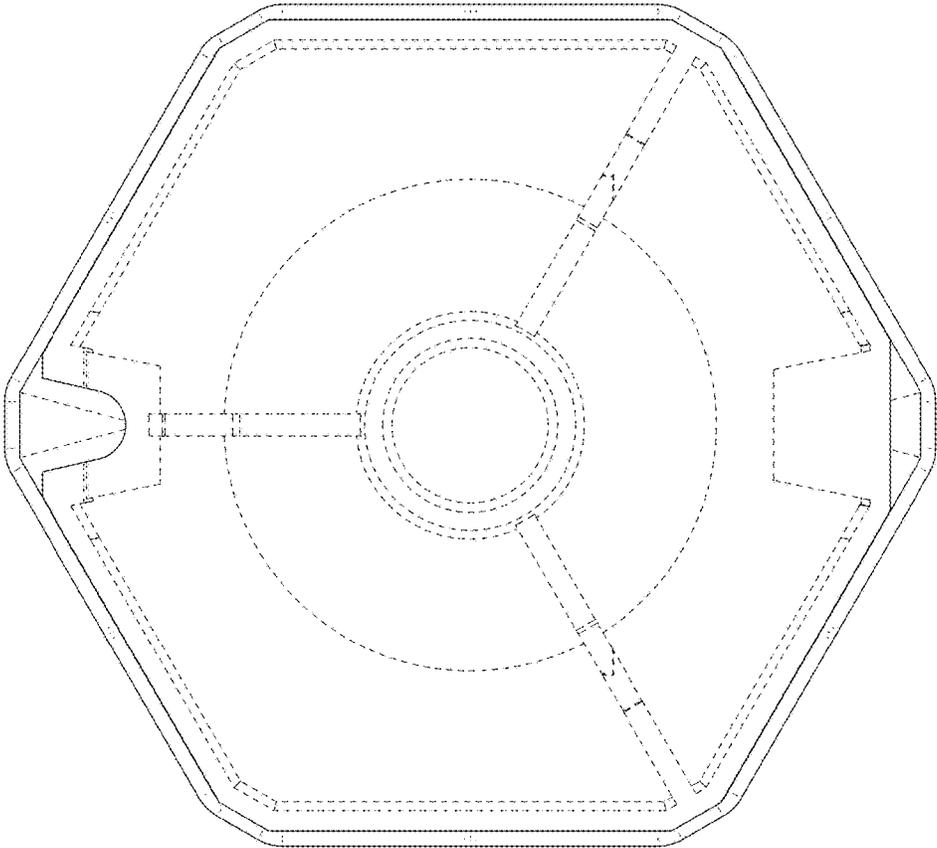


FIG. 8

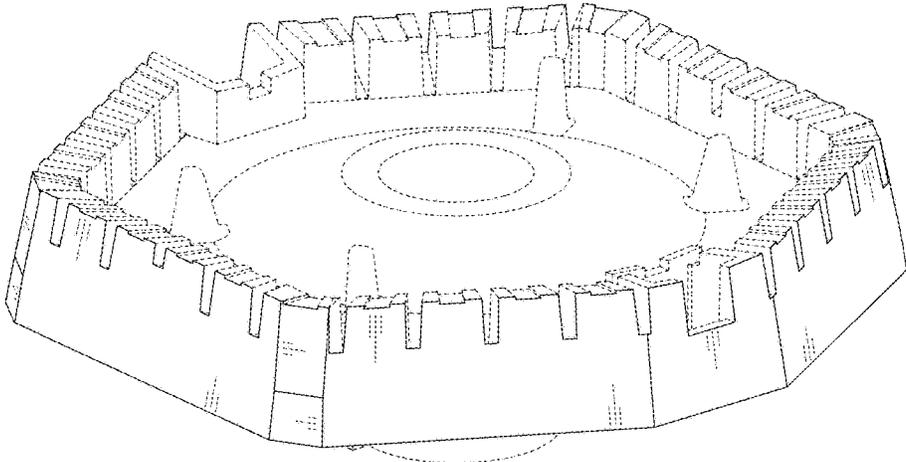


FIG. 9

