US00D751663S

(12) United States Design Patent

Ding et al.

(10) Patent No.: US D751,663 S
(45) Date of Patent: ** Mar. 15, 2016

(54) **HAND GUARD WITH IMPROVED HEAT DISSIPATION**

(71) Applicant: **Leapers, Inc.**, Livonia, MI (US)

(72) Inventors: **Tai-Lai Ding**, Northville, MI (US); **Yuedong Yan**, Novi, MI (US)

(73) Assignee: **Leapers, Inc.**, Livonia, MI (US)

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

(21) Appl. No.: **29/507,778**

(22) Filed: **Oct. 30, 2014**

(51) **LOC (10) Cl.** **22-01**

(52) **U.S. Cl.**
USPC **D22/108**

(58) **Field of Classification Search**
USPC D22/108; D8/68
CPC F41C 23/10; F41C 23/14; F41C 23/16; F41C 23/18
See application file for complete search history.

(56) **References Cited**

U.S. PATENT DOCUMENTS

D477,855	S *	7/2003	Selvaggio	D22/108	
D613,811	S *	4/2010	Swan	D22/108	
D720,421	S *	12/2014	Chen	D22/108	
8,904,691	B1 *	12/2014	Kincel	F41C 23/16	42/71.01
D721,407	S *	1/2015	Chu	D21/574	
D736,886	S *	8/2015	Cheng	D22/108	
2007/0006509	A1 *	1/2007	DeSomma	F41G 11/003	42/72
2007/0017139	A1 *	1/2007	Larue	F41C 23/16	42/75.1
2014/0130390	A1 *	5/2014	Geissele	F41C 23/16	42/71.01

* cited by examiner

Primary Examiner — Michael A Pratt
(74) *Attorney, Agent, or Firm* — Honigman Miller Schwartz and Cohn LLP

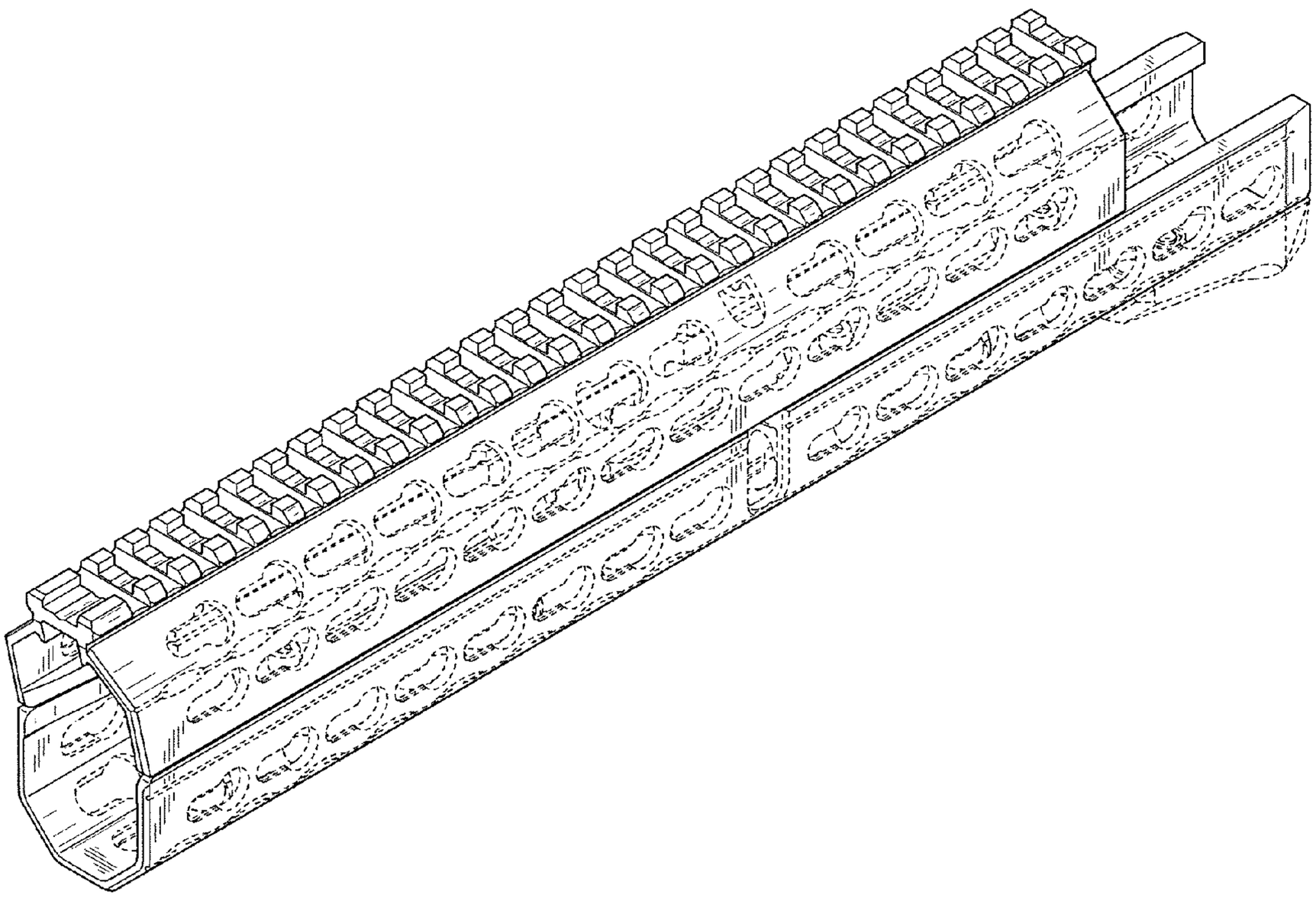
(57) **CLAIM**

The ornamental design for a hand guard with improved heat dissipation, as shown and described.

DESCRIPTION

FIG. **1** is a front/right side elevational view of the hand guard of the present invention;
FIG. **2** is a rear/left side elevational view of the hand guard of FIG. **1**;
FIG. **3** is a front elevational view of the hand guard of FIG. **1**;
FIG. **4** is a rear elevational view of the hand guard of FIG. **1**;
FIG. **5** is a right side elevational view of the hand guard of FIG. **4**;
FIG. **6** is a left side elevational view of the hand guard of FIG. **4**;
FIG. **7** is a top view of the hand guard of FIG. **1**; and,
FIG. **8** is a bottom view of the hand guard of FIG. **1**.

1 Claim, 5 Drawing Sheets



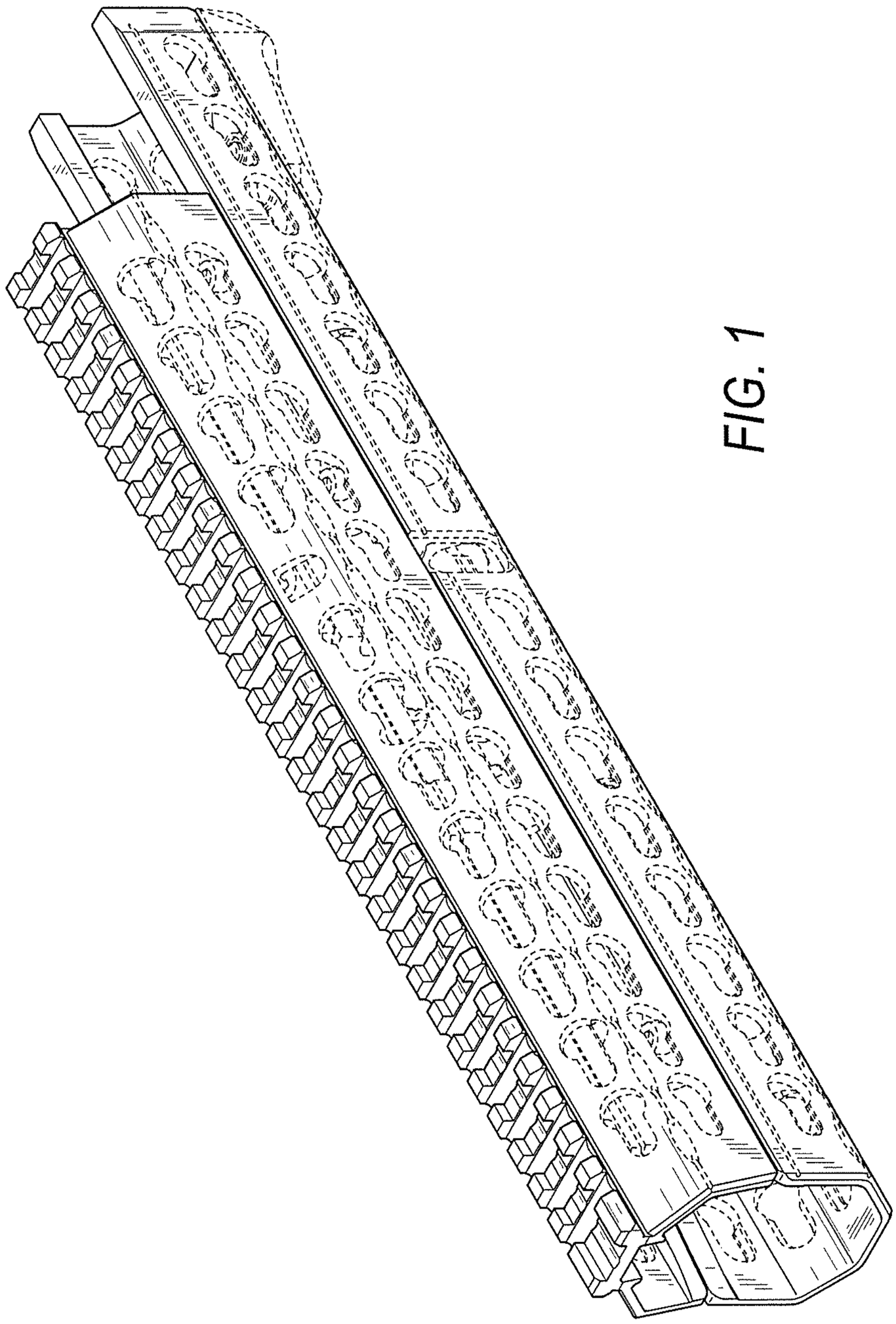


FIG. 1

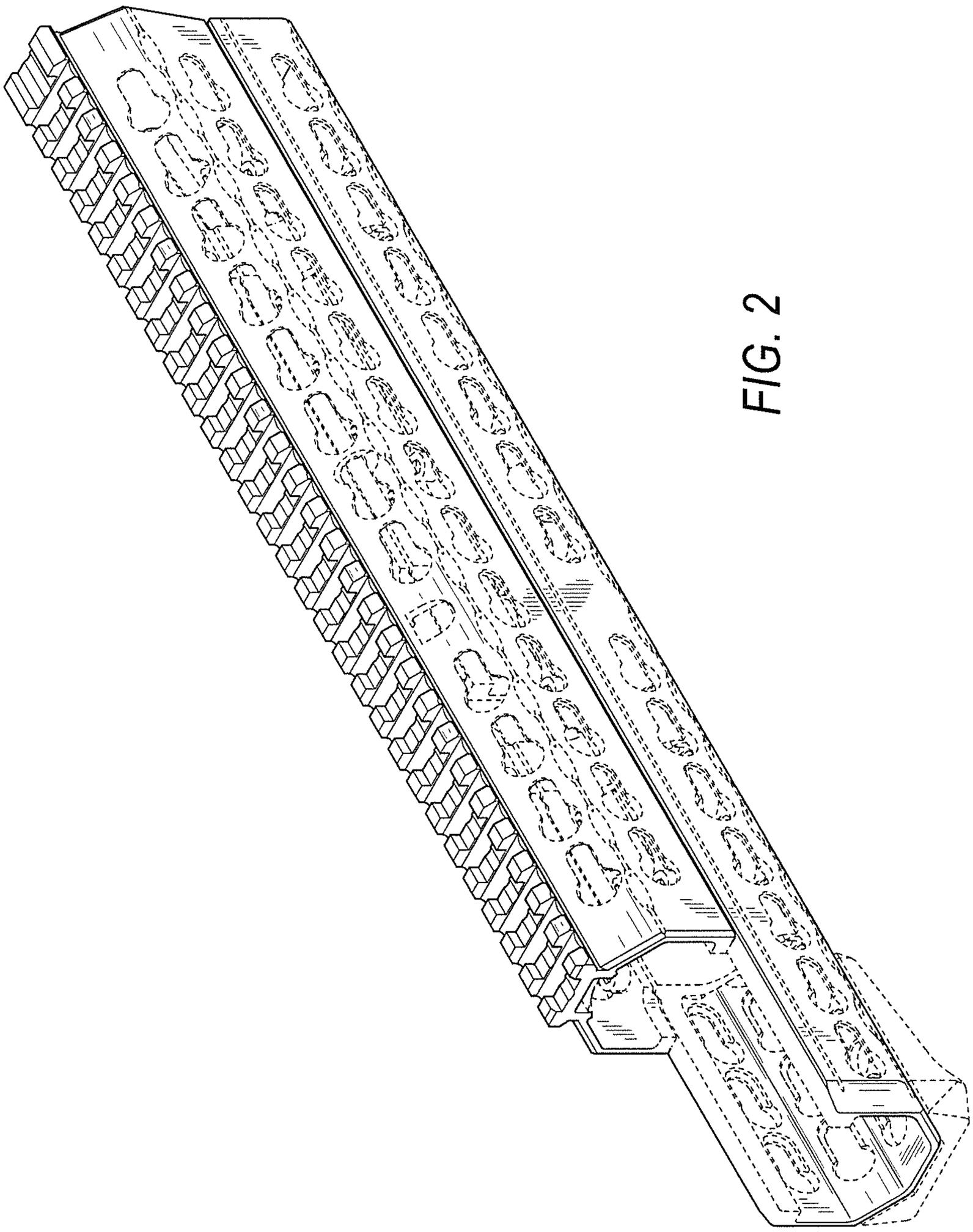


FIG. 2

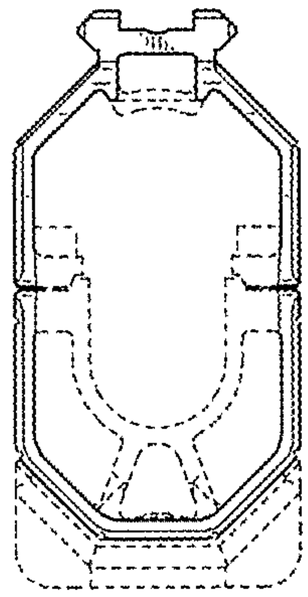


FIG. 3

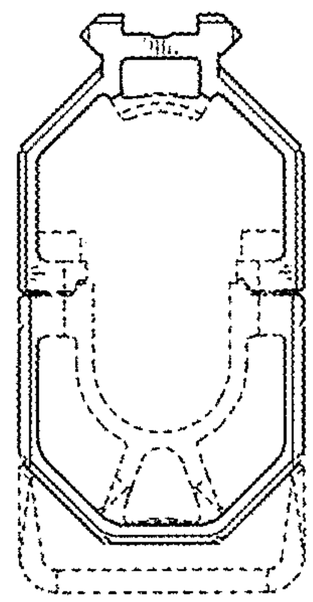


FIG. 4

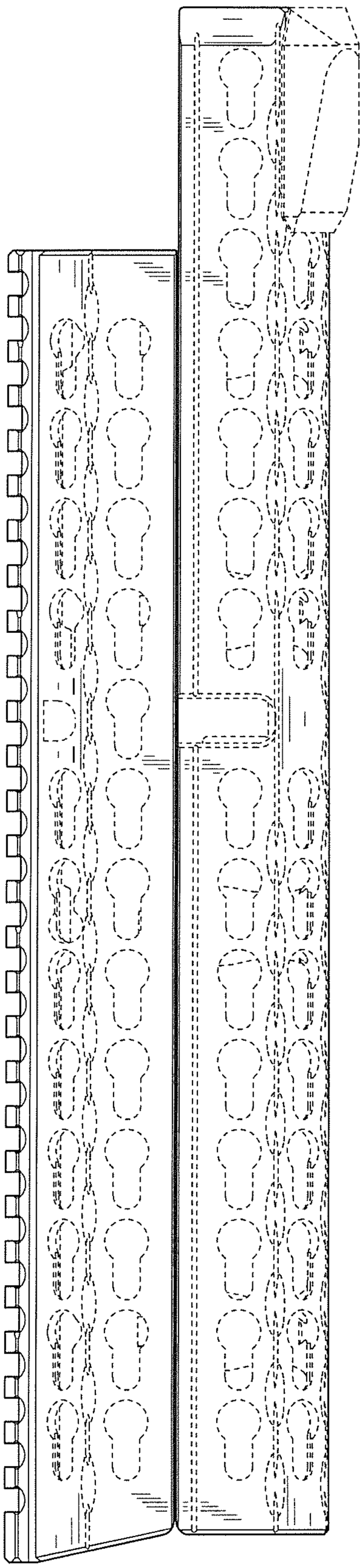


FIG. 5

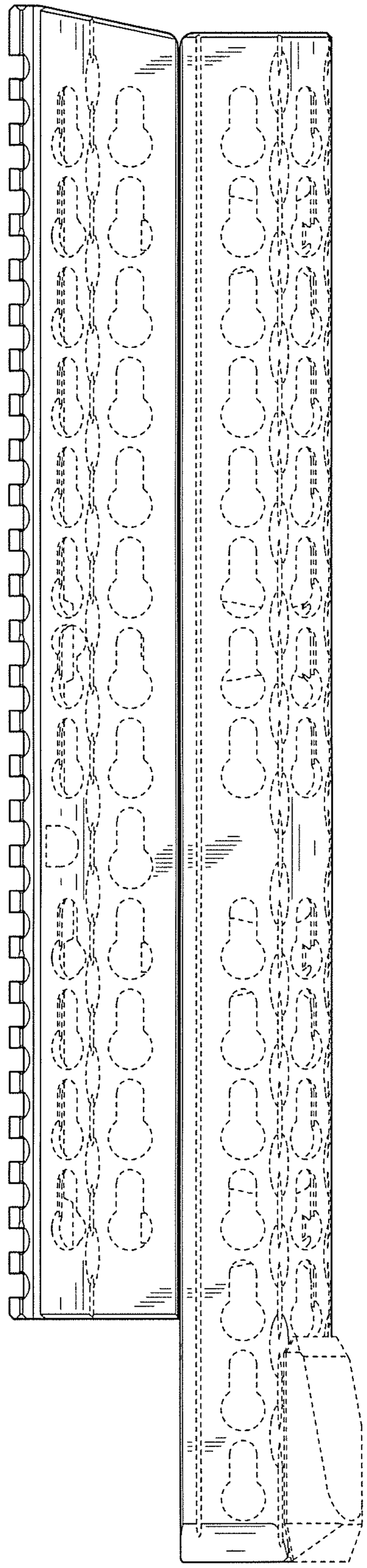


FIG. 6

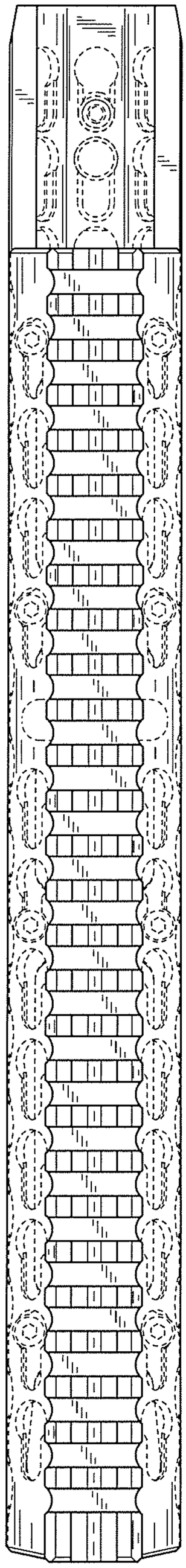


FIG. 7

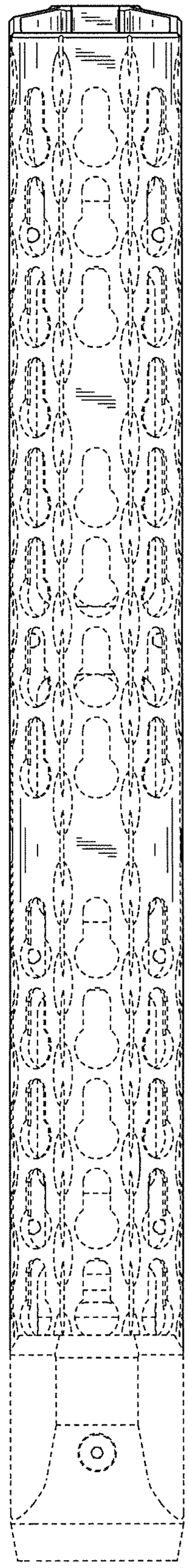


FIG. 8