



US00D754130S

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

(10) **Patent No.:** **US D754,130 S**
(45) **Date of Patent:** **** Apr. 19, 2016**

(54) **OPTICAL SCANNER**

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

(21) Appl. No.: **29/520,970**

(22) Filed: **Mar. 19, 2015**

(51) **LOC (10) Cl.** **14-02**

(52) **U.S. Cl.**
USPC **D14/420**

(58) **Field of Classification Search**
USPC D14/420, 426-430, 453; 235/462.01, 235/462.11, 462.43, 462.45, 462.49, 235/472.01, 385, 454; 382/313, 321, 318; 358/473; 250/215, 216; D26/37-50, D26/24; 362/157, 158, 171-174, 183-208; 396/427

CPC G06K 7/10584; G06K 7/10613; G06K 7/10881; G06K 7/109; G06K 7/10693; G06K 7/10871; G06K 7/1096; G06K 7/10; G06K 7/10564; G06K 7/10594; G06K 7/10603; G06K 7/10663; G06K 7/10673; G06K 7/10702; G06K 7/10792; G06K 7/10633; G06K 7/10653; G06K 7/10891; G06K 7/14; G06K 7/1443; G06K 7/10801; G06K 7/10811; G06K 7/10851; G06K 7/10861; G06K 2207/1011; G06K 2207/1012; G06K 2077/1013; G06K 2207/1016; G06K

2207/1017; G06K 2207/1018; G06K 2207/10534; G06K 17/0022; A47F 9/046; A47F 9/047; G07G 1/0045; G04N 5/23238; G04N 5/2252; G04N 5/2251; G03B 17/02; B25H 5/00; B66F 7/28; G02B 26/10; G02B 26/106; G07F 11/002; G07F 11/02; G06Q 20/343; G06F 2203/0331

See application file for complete search history.

(56) **References Cited**

U.S. PATENT DOCUMENTS

D261,644	S	*	11/1981	McKinsey	.....	D14/435
D311,740	S	*	10/1990	Wagner	.....	D14/358
D314,187	S	*	1/1991	Richards	.....	D14/381
D336,746	S	*	6/1993	Tse	.....	D14/433
D340,048	S	*	10/1993	Tseng	.....	D14/433
D342,490	S	*	12/1993	Tzu-Chin	.....	D14/426
5,440,326	A	*	8/1995	Quinn	.....	G06F 3/0346 345/156
D374,665	S	*	10/1996	Miyaki	D14/435
D375,090	S	*	10/1996	Lambert	D14/433

(Continued)

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(57) **CLAIM**

We claim, the ornamental design for an optical scanner, as shown and described.

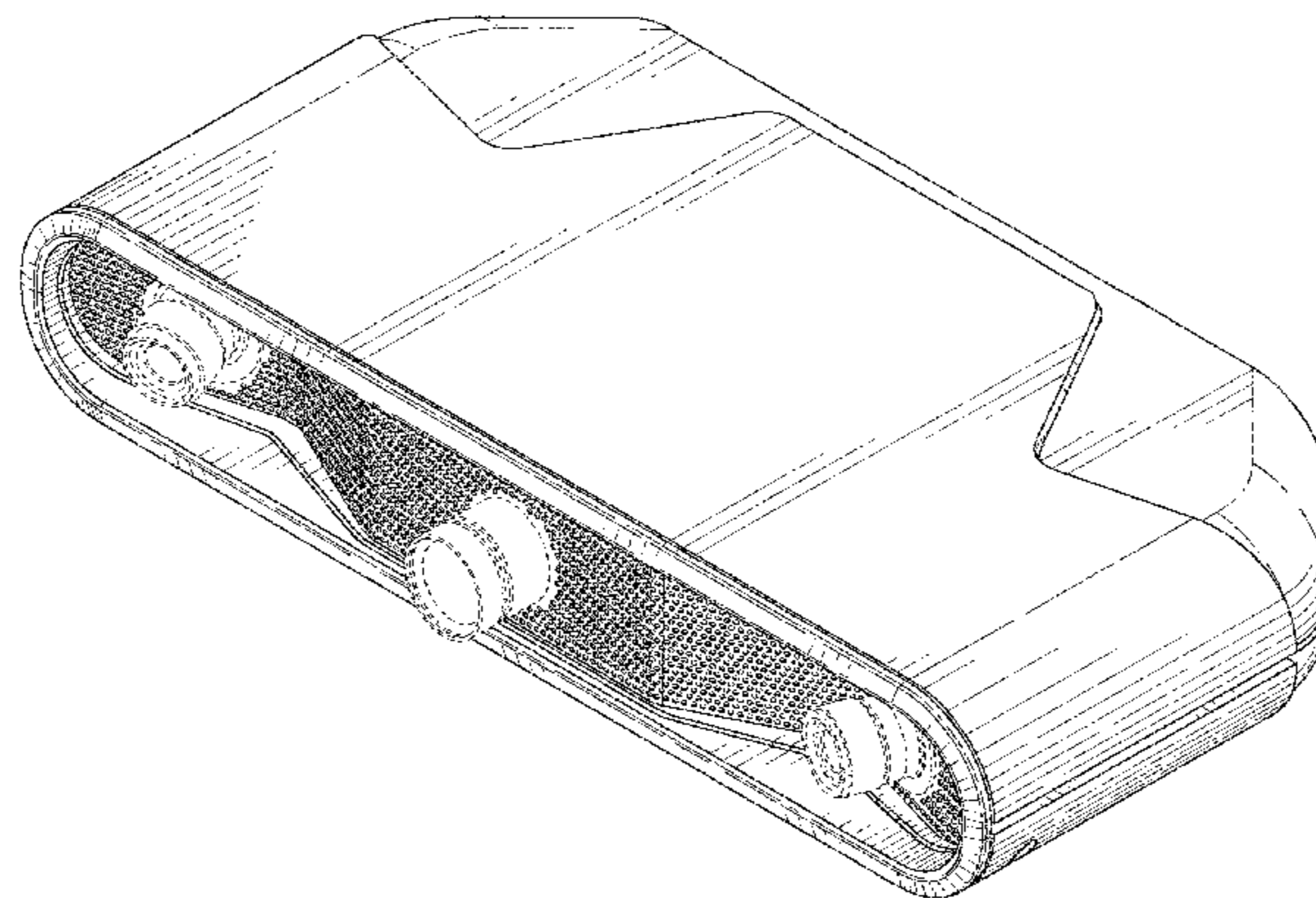
DESCRIPTION

FIG. 1 is a perspective view of an optical scanner; FIG. 2 is a front view thereof; FIG. 3 is a rear view thereof; FIG. 4 is a first side view thereof; FIG. 5 is a second side view thereof; FIG. 6 is a top view thereof; and, FIG. 7 is a bottom view thereof.

Broken lines and unshaded portions contained within broken lines are not claimed.

References to “side”, “top”, “rear” and “bottom” in the figure description are not meant to require certain in-use orientation; an optical scanner according to the claimed design may be used in any orientation.

1 Claim, 5 Drawing Sheets



(56)

References Cited

U.S. PATENT DOCUMENTS

D377,346 S *	1/1997	Karlin	14/2	D547,761 S *	7/2007	Hui	D13/133
D410,644 S *	6/1999	Iftikar	D14/435	D578,128 S *	10/2008	Lee	D14/433
D411,533 S *	6/1999	Iftikar	D14/435	D612,385 S *	3/2010	Aoki	D14/435
D412,165 S *	7/1999	Niitsu	D14/435	D619,582 S *	7/2010	Chen	D14/385
D415,131 S *	10/1999	Chang	D14/433	D632,694 S *	2/2011	Dickhoff	D14/435
D422,981 S *	4/2000	Sumner	D14/435	D641,023 S *	7/2011	Chen	D13/147
D424,048 S *	5/2000	Iftikar	D14/435	D672,780 S *	12/2012	Chen	D13/147
D428,013 S *	7/2000	Fairchild	D14/435	D678,286 S *	3/2013	Cheng	D14/433
D450,053 S *	11/2001	Bush	D14/435	D682,835 S *	5/2013	Daniel	D14/433
D451,099 S *	11/2001	Lee	D14/435	D684,976 S *	6/2013	Akana	D14/433
D452,863 S *	1/2002	Madsen	D14/433	D689,495 S *	9/2013	Bentley	D14/433
D454,129 S *	3/2002	Dow	D14/426	D691,139 S *	10/2013	Koefoed	D14/433
D455,431 S *	4/2002	Freitag	D14/432	8,772,719 B2 *	7/2014	Bockem	G01C 15/002 250/338.1
D456,412 S *	4/2002	Khovaylo	D14/420	D716,304 S *	10/2014	Orthey	D14/385
D463,437 S *	9/2002	Bush	D14/435	D734,752 S *	7/2015	Chen	D14/420
D468,743 S *	1/2003	Kawanobe	D14/435	D740,828 S *	10/2015	Bucsa	D14/433
D478,087 S *	8/2003	Aldridge	D14/433	D741,330 S *	10/2015	Chen	D14/420
6,636,255 B1 *	10/2003	Kobayashi	G01B 11/254 348/98	2009/0224053 A1 *	9/2009	Barkley	G06K 7/10574 235/462.42
D491,187 S *	6/2004	Mambakkam	D14/383	2012/0262109 A1 *	10/2012	Toya	H01M 10/44 320/108
D505,425 S *	5/2005	Murdell	D14/435	2013/0100282 A1 *	4/2013	Siercks	G01B 11/2513 348/135
D507,273 S *	7/2005	Ibuki	D14/433	2014/0268093 A1 *	9/2014	Tohme	G01S 17/003 356/3.08
D509,219 S *	9/2005	Avery	D14/435	2015/0109424 A1 *	4/2015	Lee	A61C 9/006 348/50
D516,561 S *	3/2006	Tagliabue	D14/433				
D521,445 S *	5/2006	Liu	D13/103				
D535,995 S *	1/2007	Orthey	D14/385				

* cited by examiner

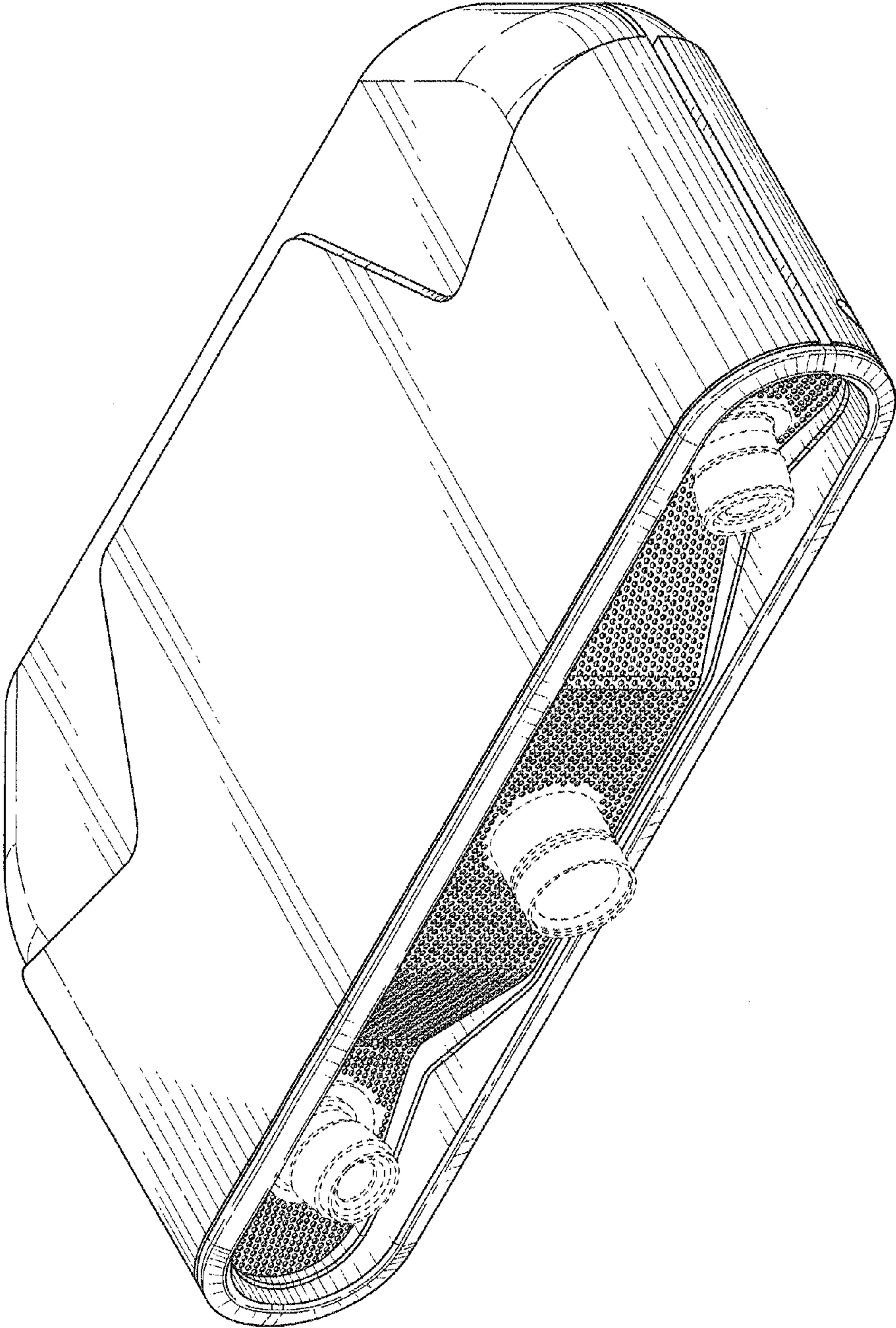


FIG. 1

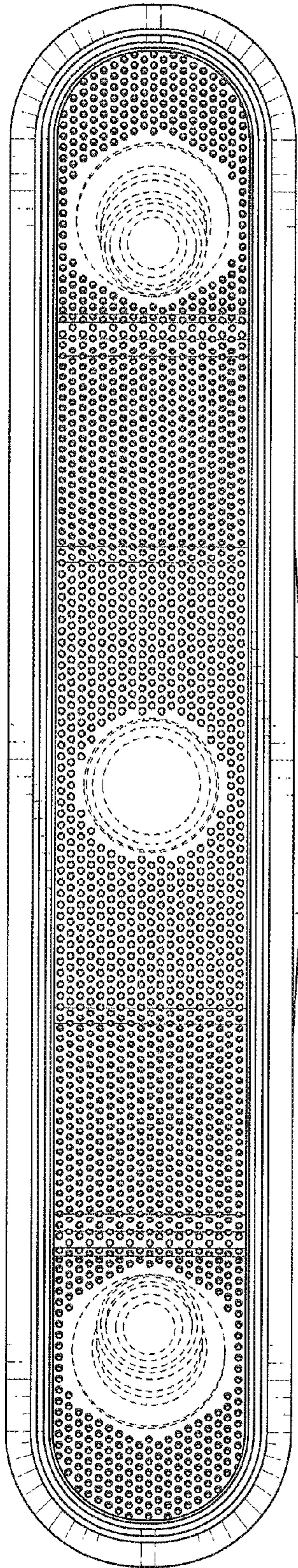


FIG. 2

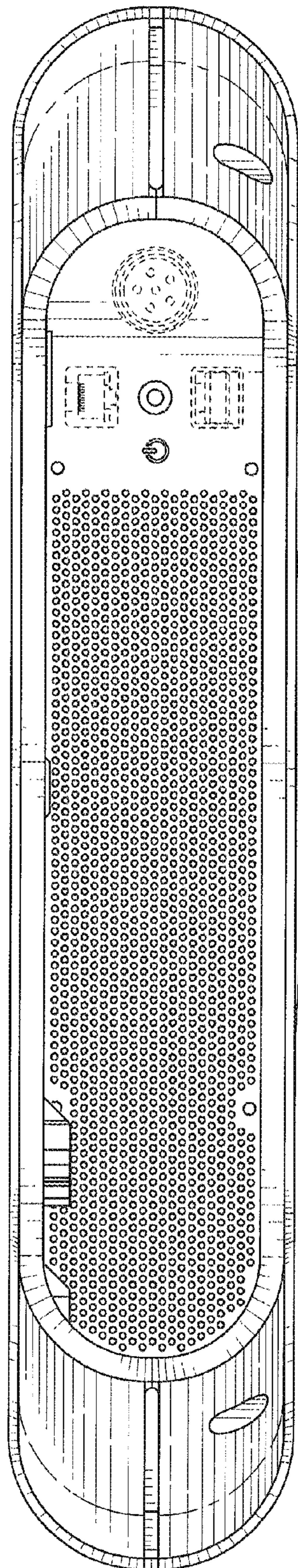


FIG. 3

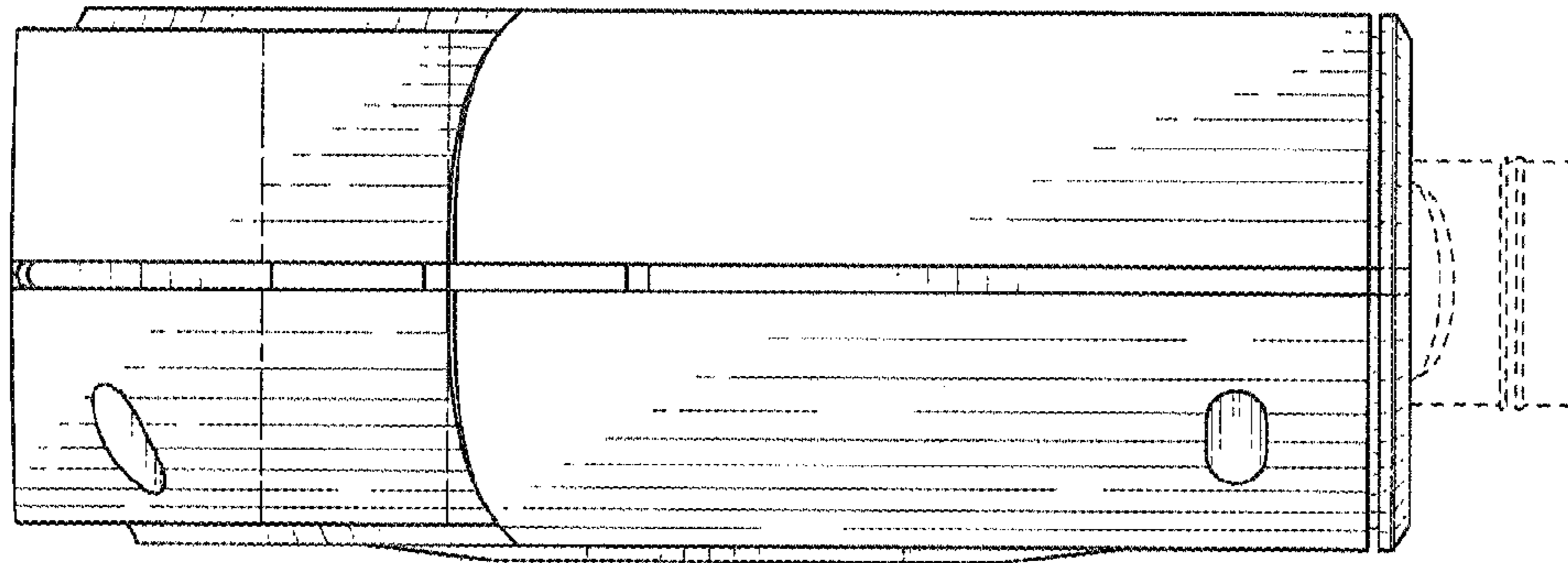


FIG. 4

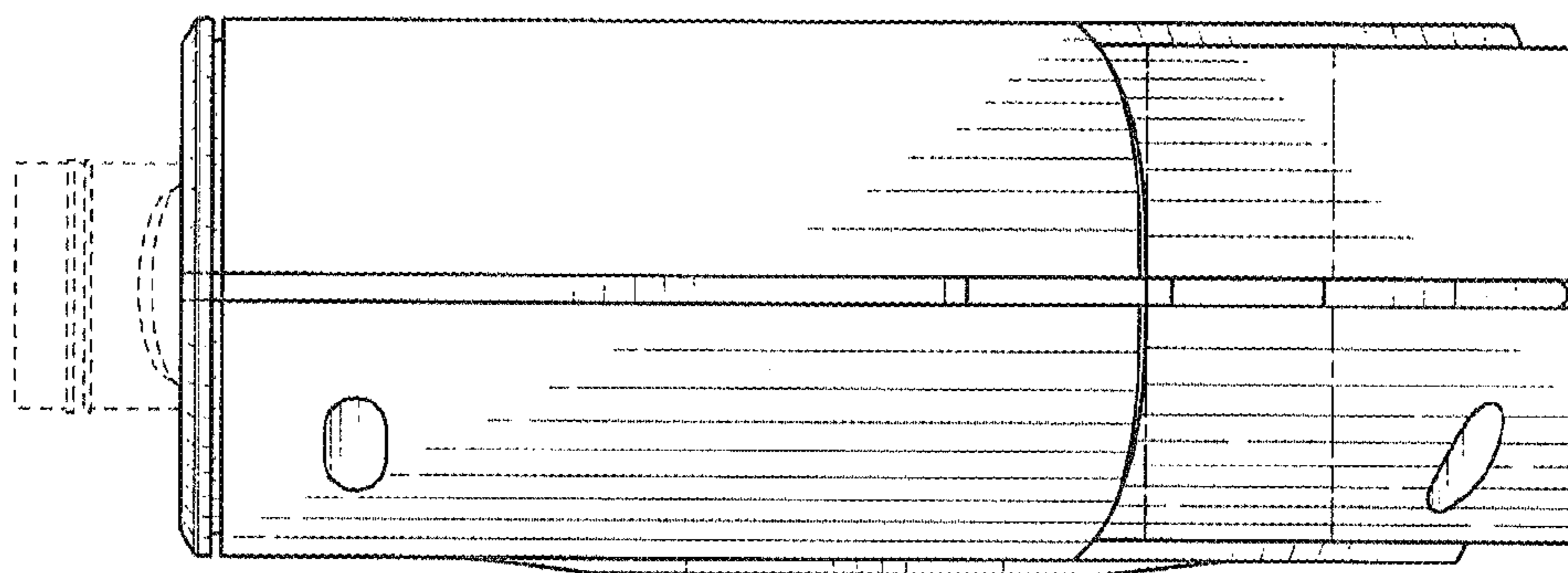


FIG. 5

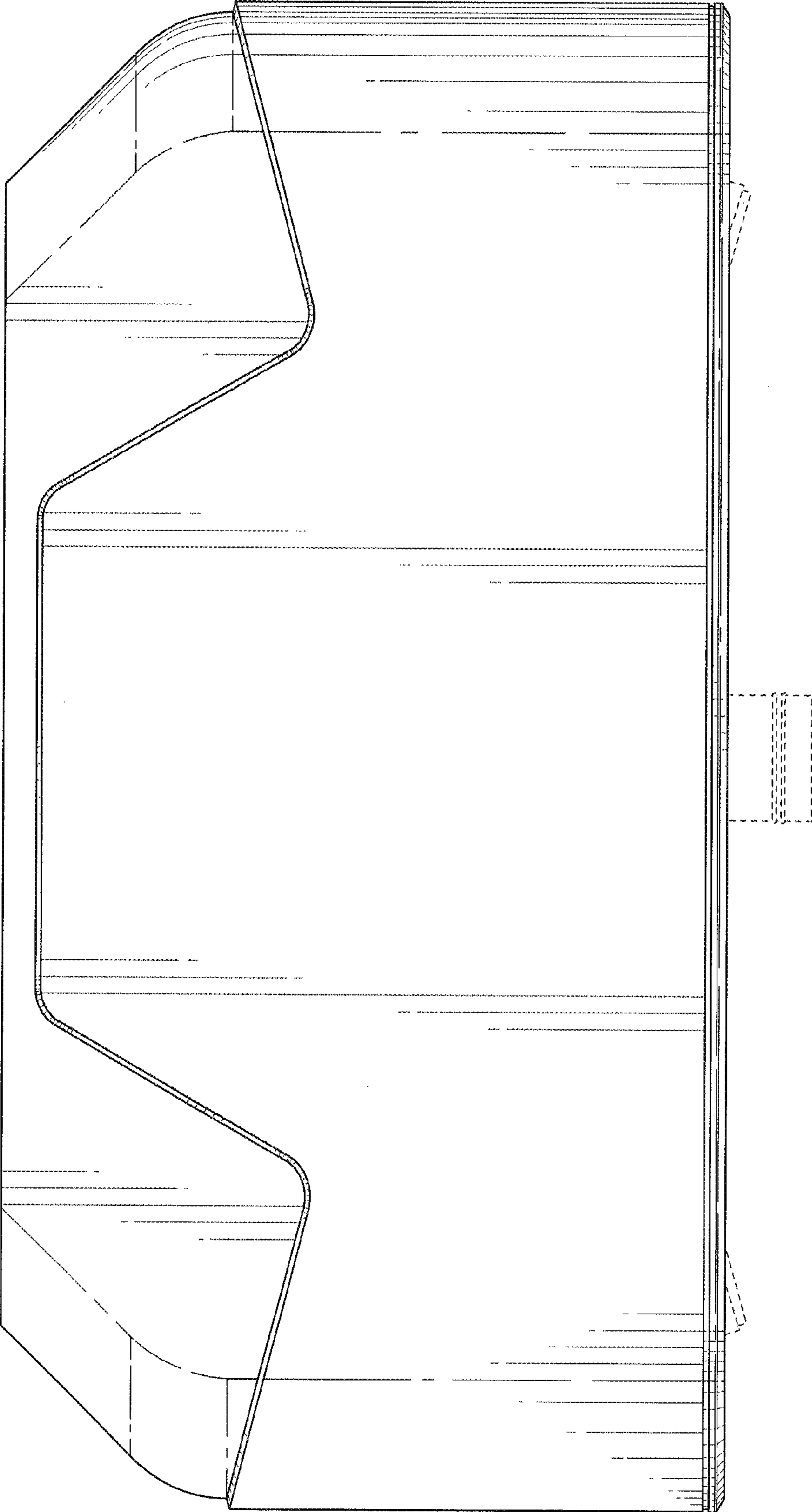


FIG. 6

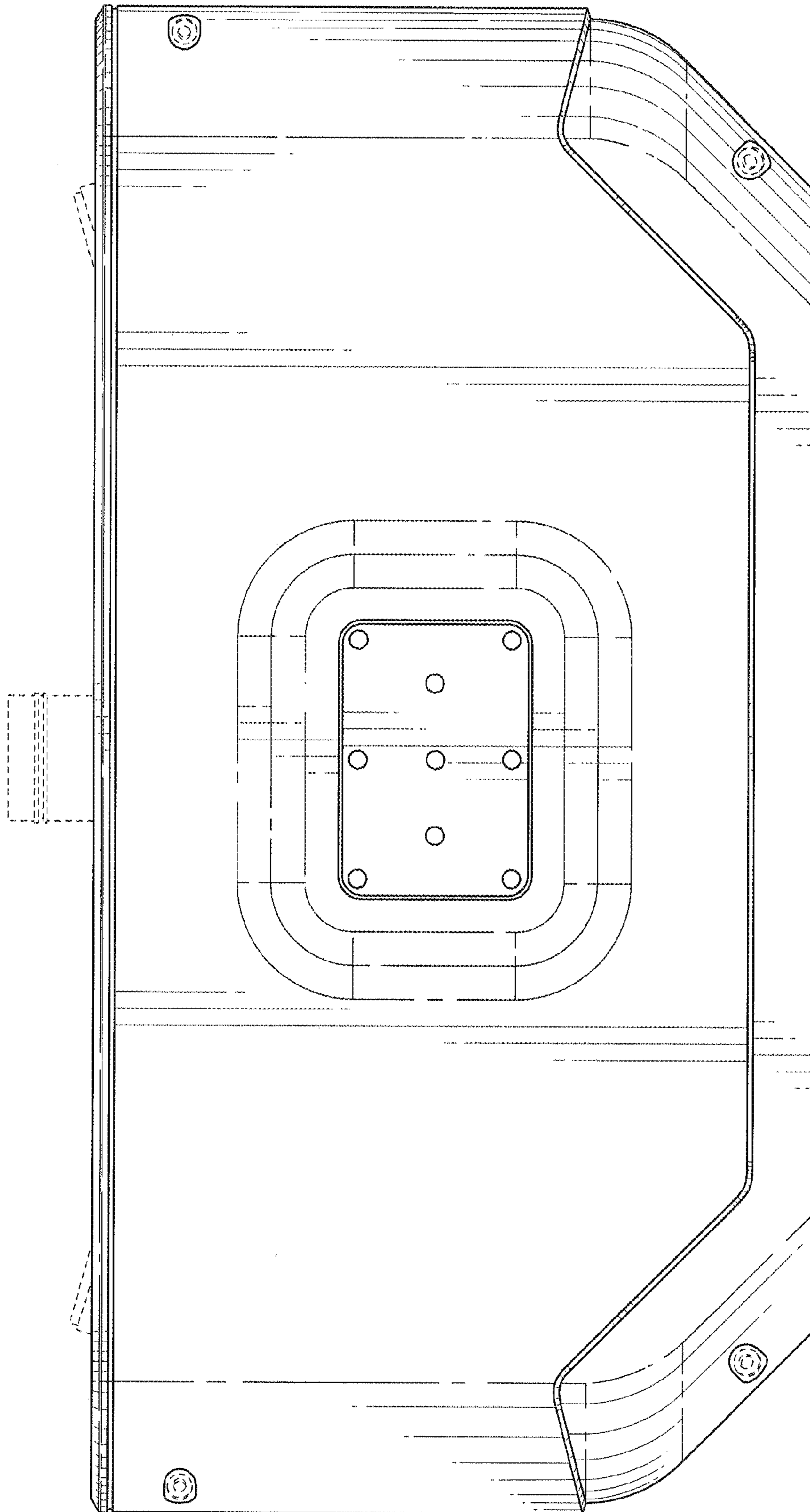


FIG. 7