



US00D964195S

(12) **United States Design Patent**  
**Lin**

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(54) **TPMS TOOL**

C02F 2201/326; C02F 2209/001; C02F  
2209/008

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See application file for complete search history.

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(56) **References Cited**

(73) Assignee: **ATEQ Instruments (Asia) PTE Ltd,**  
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U.S. PATENT DOCUMENTS

D510,044 S \* 9/2005 Ribeiro ..... D10/78  
D579,361 S \* 10/2008 Wen ..... D10/78

(Continued)

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

FOREIGN PATENT DOCUMENTS

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CN 302313577 \* 10/2012  
CN 303106795 S 2/2015

(Continued)

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OTHER PUBLICATIONS

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Launch Store, OBD2 Scanner CRP123, Date first available Nov. 21, 2018, [online]retrieved Dec. 1, 2021, available from [https://www.amazon.com/dp/B073GW5MTS/ref=sspa\\_dk\\_detail\\_5?psc=1&pd\\_rd\\_i=B073GW5MTS&pd\\_rd\\_w=2dysT&pf\\_rd\\_p=9fd3ea7c-b77c-42ac-b43b-c872d3f37c38&pd\\_rd\\_wg=rzhsz&pf\\_rd\\_r=M7FJJH13BG08RBJ22S40&p](https://www.amazon.com/dp/B073GW5MTS/ref=sspa_dk_detail_5?psc=1&pd_rd_i=B073GW5MTS&pd_rd_w=2dysT&pf_rd_p=9fd3ea7c-b77c-42ac-b43b-c872d3f37c38&pd_rd_wg=rzhsz&pf_rd_r=M7FJJH13BG08RBJ22S40&p) (Year: 2018).\*

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(52) **U.S. Cl.**  
USPC ..... **D10/86; D10/78**

(58) **Field of Classification Search**

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D14/138 AA, 341

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(57) **CLAIM**

The ornamental design for a TPMS tool, as shown and described.

**DESCRIPTION**

FIG. 1 is a right-side perspective view of a TPMS tool of the present invention.

FIG. 2 is front view of FIG. 1.

FIG. 3 is a rear view of FIG. 1.

FIG. 4 is a top view of FIG. 1.

FIG. 5 is a bottom view of FIG. 1.

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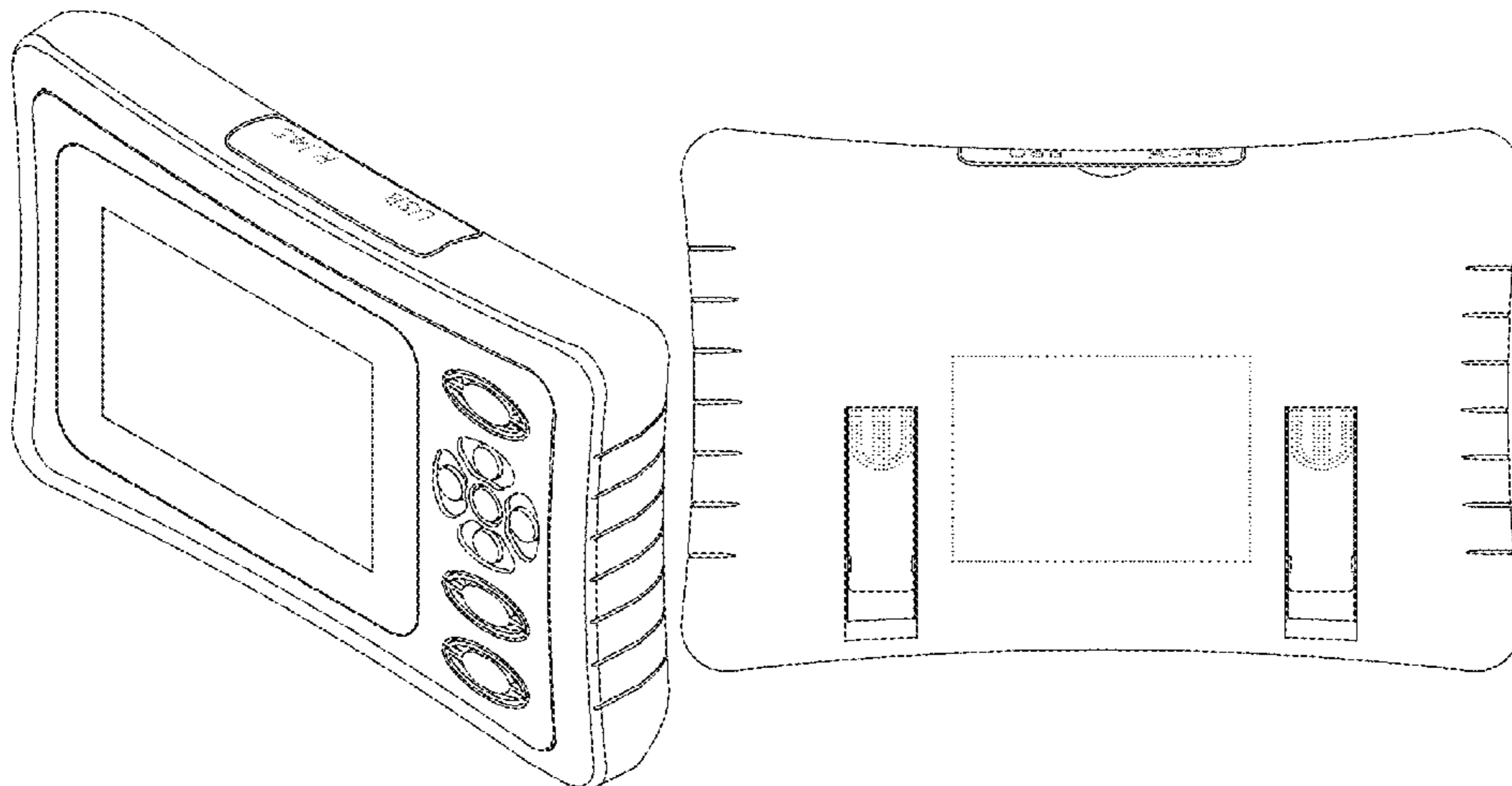


FIG. 6 is a left view of FIG. 1.  
 FIG. 7 is a right view of FIG. 1; and,  
 FIG. 8 is an enlarged view of a portion of FIG. 4.  
 The broken lines shown are included for the purpose of illustrating portions of the TPMS Tool that form no part of the claim.

**1 Claim, 5 Drawing Sheets**

FOREIGN PATENT DOCUMENTS

CN	303506246	*	8/2015
CN	304656546	*	12/2017
CN	304656549	*	12/2017
CN	304788587	S	8/2018
CN	305208937	*	12/2018
CN	305002683		1/2019
CN	306045756	*	12/2019
CN	306510533	*	9/2020
EM	000933957-0002		9/2008
EM	002236042-0001		7/2013

OTHER PUBLICATIONS

(56)

**References Cited**

U.S. PATENT DOCUMENTS

D734,188	S	*	7/2015	Tsunoda	.....	D10/86
D734,748	S	*	7/2015	Chen	.....	D14/341
D739,773	S		9/2015	Kanenari et al.		
D825,061	S	*	8/2018	Parsons	.....	D24/186
D826,756	S		8/2018	Huang		
D830,209	S	*	10/2018	Wang	.....	D10/78
D837,074	S	*	1/2019	Lu	.....	D10/78
D840,849	S	*	2/2019	Wang	.....	D10/78
D864,198	S	*	10/2019	Bidwell	.....	D14/341
D908,157	S	*	1/2021	Sun	.....	D16/202
2012/0099261	A1	*	4/2012	Reber	.....	G06F 1/182 361/679.3
2018/0190041	A1	*	7/2018	Hanson	.....	F02P 17/12
2020/0324587	A1	*	10/2020	Luo	.....	B60C 29/02

ThinkScan Store, Plus S7 Obd2 Scanner, Date first available Apr. 9, 2021, [online]retrieved Dec. 1, 2021, available from [https://www.amazon.com/dp/B0924673PQ/ref=twister\\_B09LQ8FCBR?\\_encoding=UTF8&th=1](https://www.amazon.com/dp/B0924673PQ/ref=twister_B09LQ8FCBR?_encoding=UTF8&th=1) (Year: 2021).\*

Launch Store, OBD2 Scanner, Date first available Apr. 17, 2019, [online]retrieved Dec. 1, 2021, available from [https://www.amazon.com/LAUNCH-OBD2-Scanner-CRP129E-Transmission/dp/B07QR48Z38/ref=psdc\\_15707381\\_t4\\_B09DT414TG](https://www.amazon.com/LAUNCH-OBD2-Scanner-CRP129E-Transmission/dp/B07QR48Z38/ref=psdc_15707381_t4_B09DT414TG) (Year: 2019).\*

EEZ RV Product Store, EEZTire-TPMS Real Time, Date first available Sep. 15, 2012, [online]retrieved [https://www.amazon.com/EEZTire-TPMS-Pressure-Monitoring-System-TPMS4/dp/B009BE069Q/ref=sr\\_1\\_5?keywords=tpms&qid=1638312686&qsid=134-5564337-2927451&sr=8-5&sres=B085C2HMQP%2CB07PP55QF9%2C12/01/21,av](https://www.amazon.com/EEZTire-TPMS-Pressure-Monitoring-System-TPMS4/dp/B009BE069Q/ref=sr_1_5?keywords=tpms&qid=1638312686&qsid=134-5564337-2927451&sr=8-5&sres=B085C2HMQP%2CB07PP55QF9%2C12/01/21,av) (Year: 2012).\*

\* cited by examiner

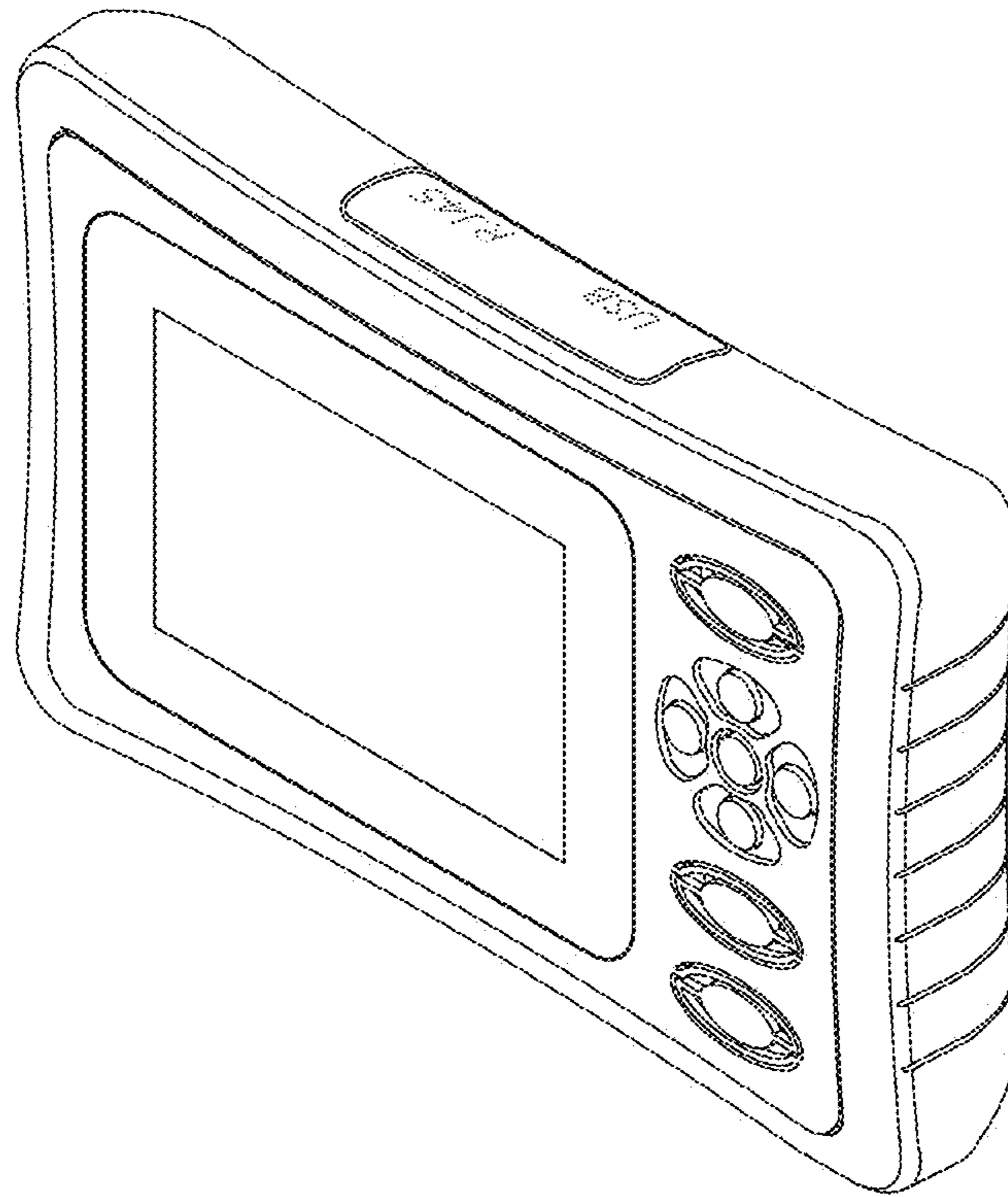


Fig. 1

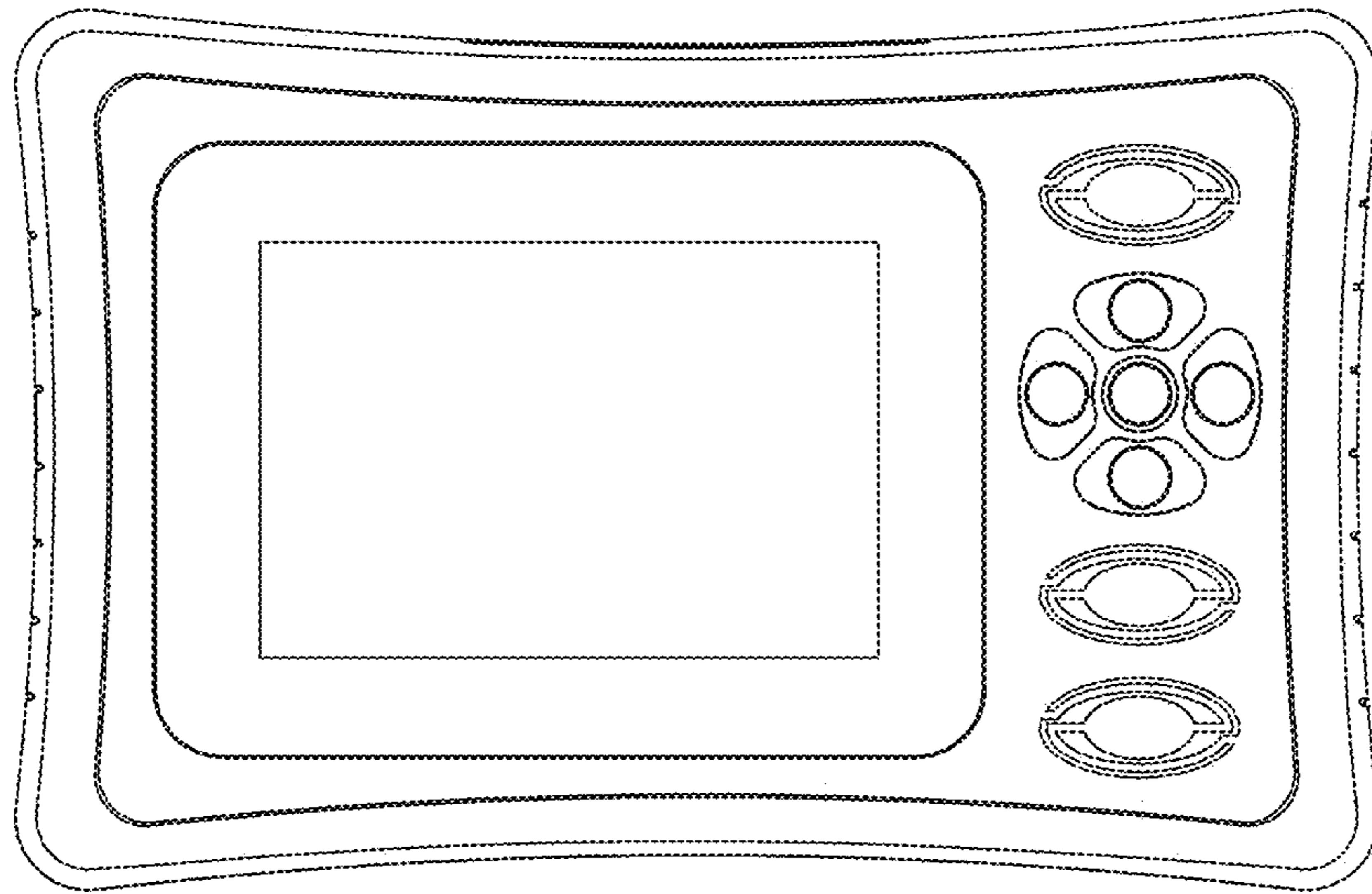


Fig. 2

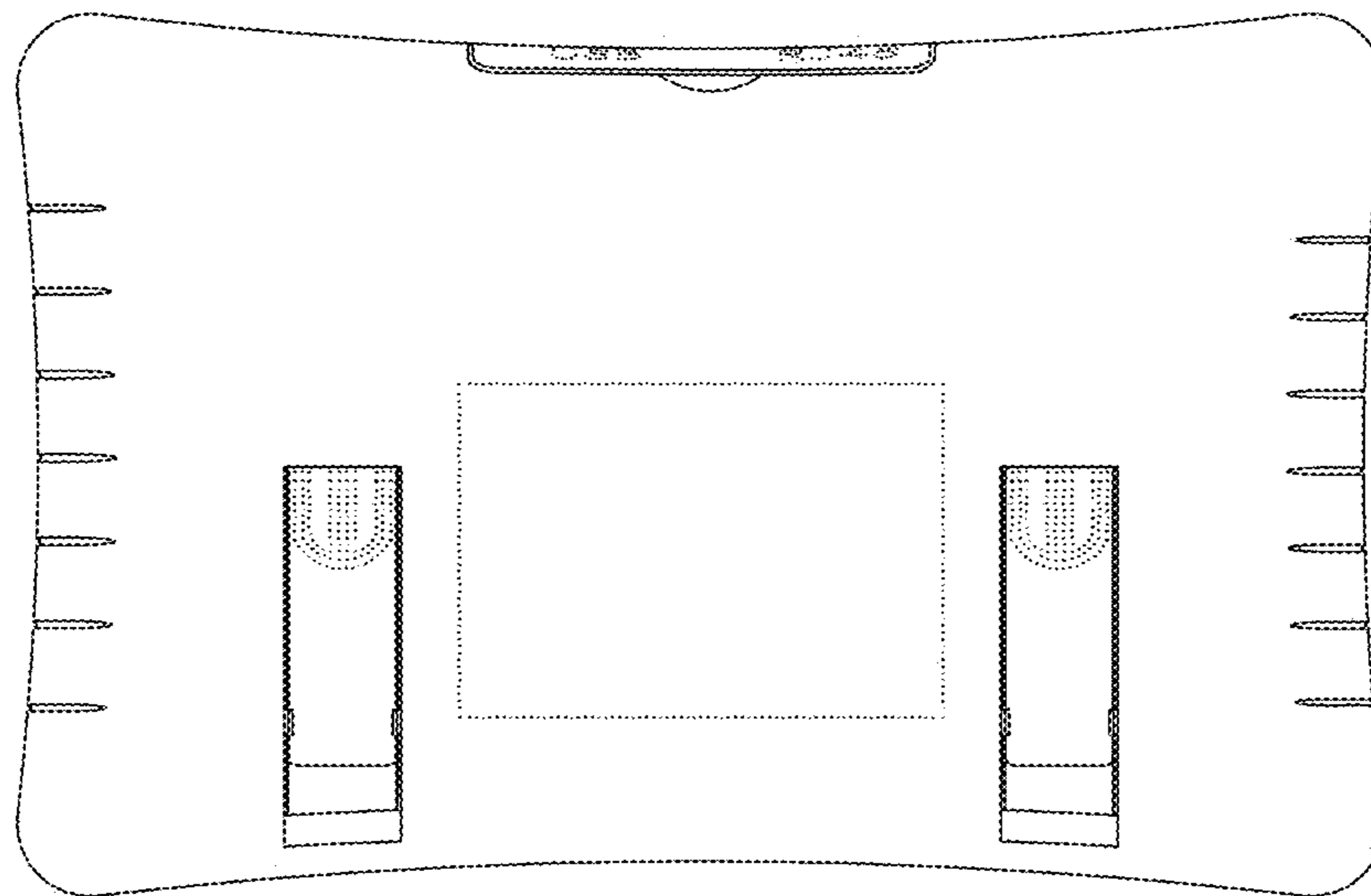
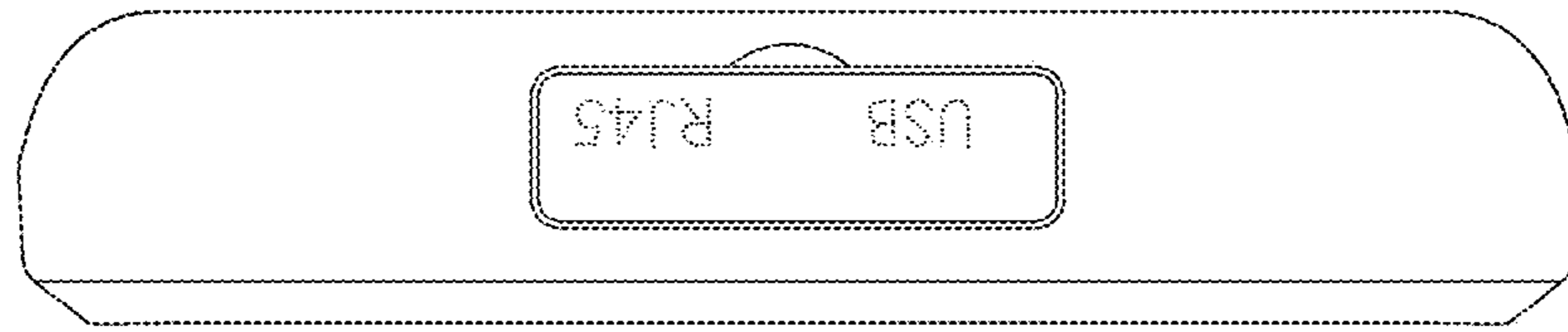
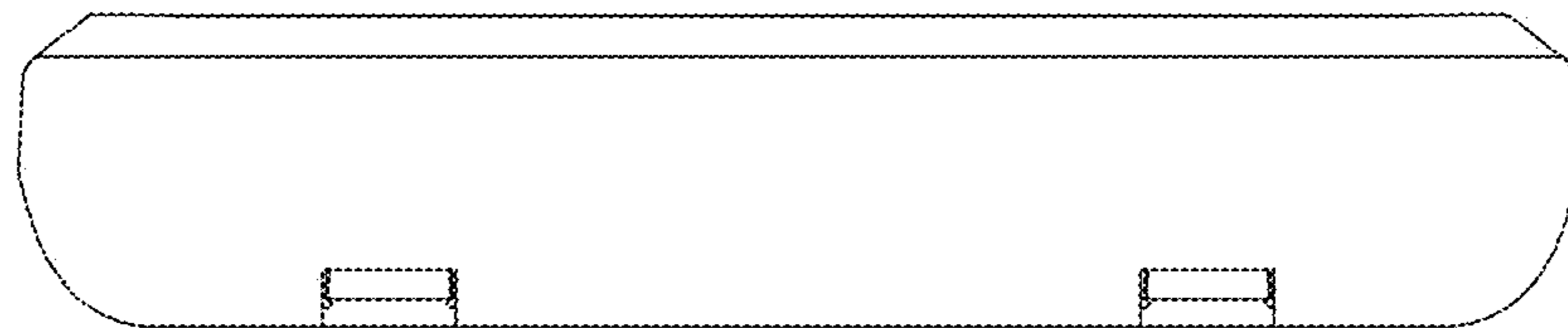


Fig. 3



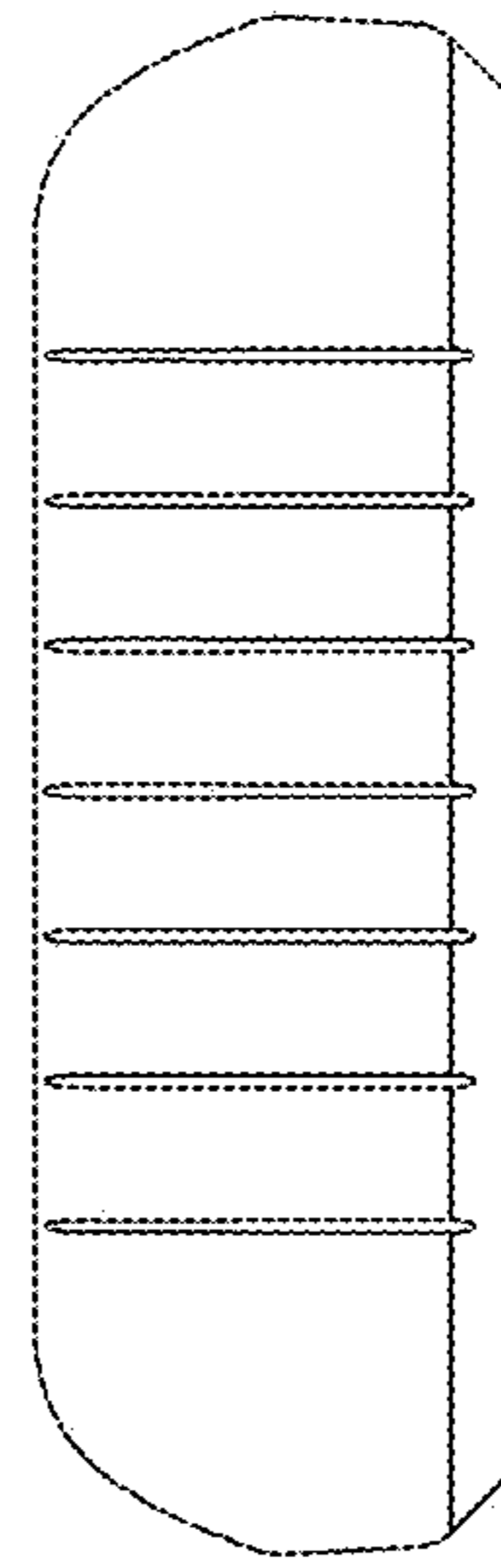


**Fig. 4**

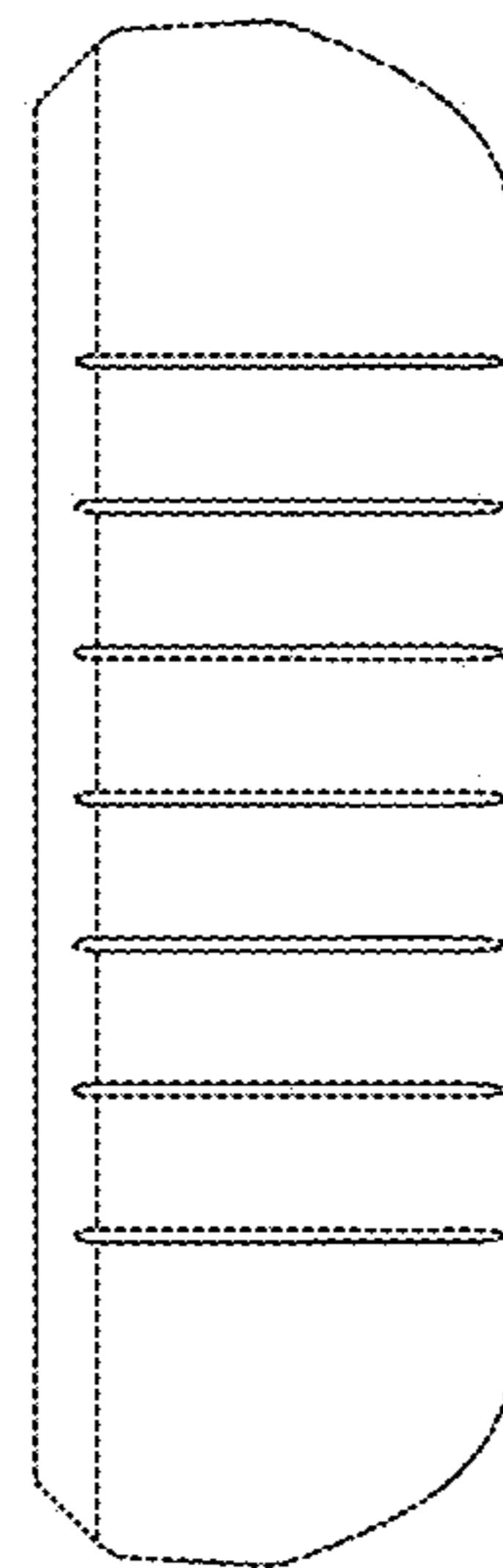


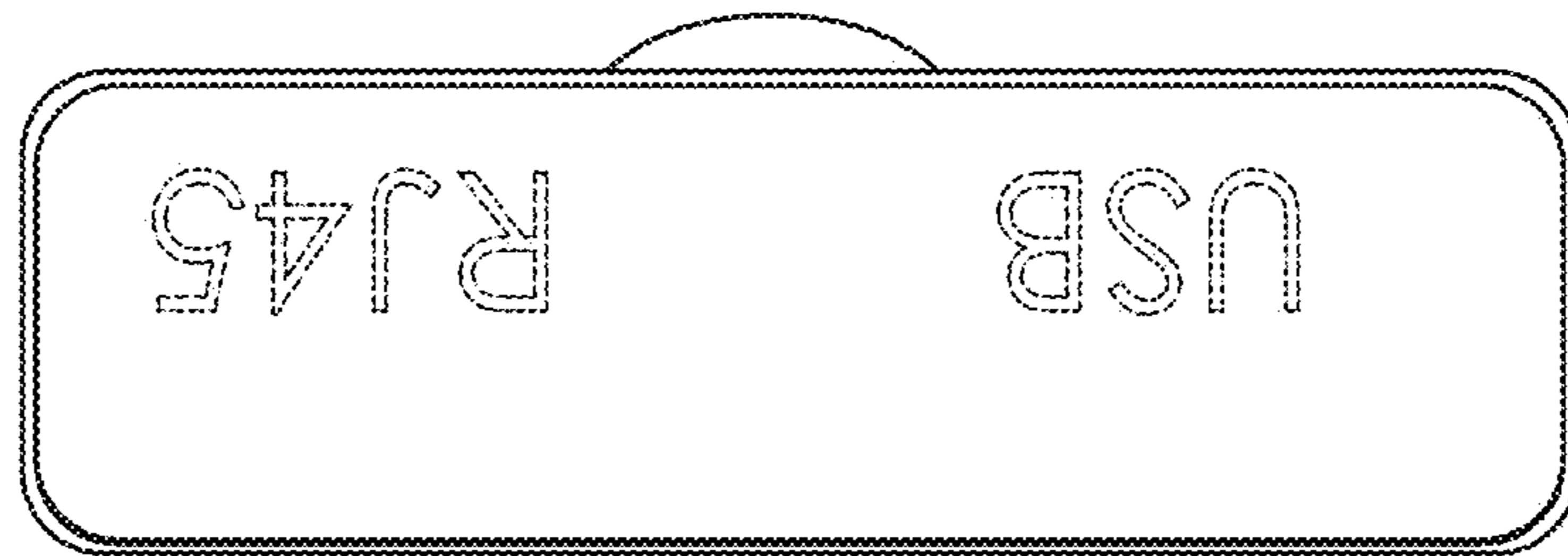
**Fig. 5**

**Fig. 6**



**Fig. 7**





**Fig. 8**