



US00D825518S

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

(10) **Patent No.:** **US D825,518 S**

(45) **Date of Patent:** **** Aug. 14, 2018**

(54) **MOBILE INFORMATION TERMINAL**

(71) Applicant: **SHARP KABUSHIKI KAISHA,**
Sakai, Osaka (JP)

(72) Inventor: **Masayuki Kikuchi,** Sakai (JP)

(73) Assignee: **Sharp Kabushiki Kaisha,** Sakai, Osaka
(JP)

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

(21) Appl. No.: **29/591,661**

(22) Filed: **Jan. 23, 2017**

(30) **Foreign Application Priority Data**

Jul. 22, 2016 (JP) 2016-015573

(51) **LOC (11) Cl.** **14-03**

(52) **U.S. Cl.**
USPC **D14/138 AB; D14/345**

(58) **Field of Classification Search**
USPC D14/138 AB, 345, 203.4, 138 R, 496,
D14/341, 138 G; 455/575.3; D21/517
(Continued)

(56) **References Cited**

U.S. PATENT DOCUMENTS

7,239,505 B2 7/2007 Keely
D588,126 S 3/2009 Chiang
(Continued)

OTHER PUBLICATIONS

Foldable Surface Phone Gets a Plausible Set of Renders, posted by Kelvin, Published on Oct 5, 2017 on concept-phones.com, [online], [site visited Mar. 23, 2018]. Available from Internet, <URL: <https://www.concept-phones.com/microsoft/foldable-surface-phone-plausible-set-renders/>>.*

(Continued)

Primary Examiner — Jeffrey D Asch

(74) *Attorney, Agent, or Firm* — Nixon & Vanderhye P.C.

(57) **CLAIM**

The ornamental design for a “mobile information terminal,” as shown and described.

DESCRIPTION

FIG. 1 is a front right perspective view of the mobile information terminal in a first configuration, the mobile information terminal in the first configuration being an open position in which display surfaces of all three panels are completely exposed;

FIG. 2 is a rear left perspective view of the mobile information terminal in the configuration of FIG. 1;

FIG. 3 is a front right perspective view of the mobile information terminal in a second configuration, the mobile information terminal in the second configuration being in a closed position wherein none of the display surfaces of the three panels are exposed;

FIG. 4 is a rear left perspective view of the mobile information terminal in the configuration of FIG. 3;

FIG. 5 is a front right perspective view of the mobile information terminal in a third configuration, the mobile information terminal in the third configuration being in a state of use in which only part of a display surface of the third panel is exposed, a remainder of the display surface of the third panel being covered by the first panel;

FIG. 6 is a rear left perspective view of the mobile information terminal in the configuration of FIG. 5;

FIG. 7 is a front elevation view of the mobile information terminal in the configuration of FIG. 1;

FIG. 8 is rear elevation view of the mobile information terminal in the configuration of FIG. 1;

FIG. 9 is a top plan view of the mobile information terminal in the configuration of FIG. 1;

FIG. 10 is a bottom plan view of the mobile information terminal in the configuration of FIG. 1;

FIG. 11 is a right-side elevation view of the mobile information terminal in the configuration of FIG. 1;

FIG. 12 is a left-side elevation view of the mobile information terminal in the configuration of FIG. 1;

FIG. 13 is a right side sectioned view taken along line 13-13 of FIG. 7, omitting internal structure;

(Continued)

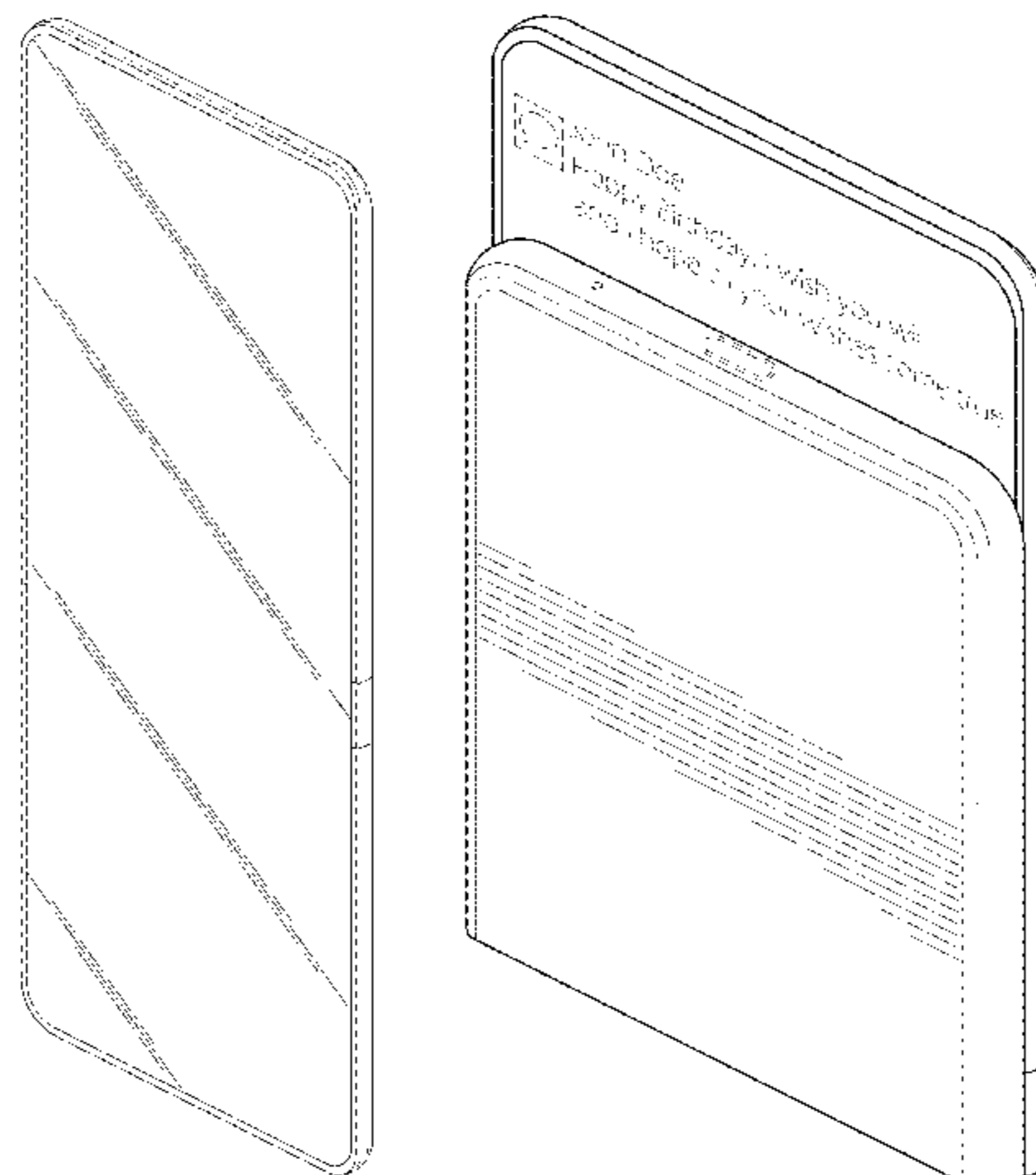


FIG. 14 is a right side sectioned view taken along line 14-14 of FIG. 3, omitting internal structure;
 FIG. 15 is a right side view showing the mobile information terminal in a partially folded position;
 FIG. 16 is a front right perspective view of the mobile information terminal in the first configuration of FIG. 1 and further showing displayed matter on a screen comprising all three panels of the display unit; and,
 FIG. 17 is a front right perspective view of the mobile information terminal in the third configuration of FIG. 5 and further showing displayed matter on a third panel portion of the screen of the display unit.
 The broken line showing of portions of the mobile information terminal and of displayed matter are included for the purpose of illustrating environmental subject matter and form no part of the claimed design.

1 Claim, 14 Drawing Sheets

(58) **Field of Classification Search**

CPC H04M 1/0216; H04M 1/0214; H04M 1/03;
 H04M 1/0202; H04M 1/026; G06F
 1/1616; G06F 1/1652

See application file for complete search history.

(56) **References Cited**

U.S. PATENT DOCUMENTS

8,306,575	B2 *	11/2012	Kubodera	.....	H04M 1/022 379/428.01
D679,705	S	4/2013	McManigal		
D681,055	S *	4/2013	Koh	.....	D14/496
8,676,269	B2 *	3/2014	Song	.....	H04M 1/022 345/1.1
D708,177	S	7/2014	Honda		
8,804,349	B2 *	8/2014	Lee	.....	G06F 1/1641 361/749
D717,791	S	11/2014	Yun		
D719,148	S	12/2014	Kim		
D724,077	S	3/2015	Hallar		
D742,871	S	11/2015	Schoenith		
9,250,733	B2 *	2/2016	Lee	.....	H04M 1/02
D761,249	S	7/2016	Liang		
D767,526	S *	9/2016	Lee	.....	D14/138 AB
D774,015	S *	12/2016	Park	.....	D14/138 AB
D778,864	S *	2/2017	Kim	.....	D14/138 AB
D782,436	S *	3/2017	Kwak	.....	D14/138 AB
D782,438	S *	3/2017	Choo	.....	D14/138 AA
D788,726	S *	6/2017	Lee	.....	D14/138 AB
D788,773	S *	6/2017	Seo	.....	D14/345
D791,753	S *	7/2017	Bae	.....	D14/248
9,697,941	B2 *	7/2017	Lee	.....	H01F 7/20

9,733,744	B2 *	8/2017	Lee	.....	G06F 3/0412
D796,500	S *	9/2017	Yeom	.....	D14/341
D798,256	S *	9/2017	Choo	.....	D14/138 AA
D804,443	S *	12/2017	Kang	.....	D14/138 AB
D804,472	S *	12/2017	Seo	.....	D14/345
9,857,832	B2 *	1/2018	Kim	.....	G06F 1/1616
2003/0112590	A1	6/2003	Shimano		
2006/0038795	A1	2/2006	Lee		
2008/0024388	A1	1/2008	Bruce		
2014/0226275	A1 *	8/2014	Ko	.....	G06F 1/1626 361/679.27
2015/0233162	A1 *	8/2015	Lee	.....	H04M 1/02 16/223
2015/0378397	A1 *	12/2015	Park	.....	G06F 1/1652 361/679.27
2016/0085265	A1 *	3/2016	Park	.....	G06F 1/1681 361/807
2016/0147263	A1 *	5/2016	Choi	.....	G06F 1/1652 361/679.3
2016/0195938	A1 *	7/2016	Kim	.....	H04B 1/3827 345/156
2016/0299539	A1 *	10/2016	Jang	.....	G06F 1/1681
2016/0324023	A1 *	11/2016	Kim	.....	H04M 1/0268
2016/0357221	A1 *	12/2016	Huh	.....	G06F 1/1652
2016/0357318	A1 *	12/2016	Chan	.....	G06F 1/1626
2016/0381014	A1 *	12/2016	Kim	.....	H04L 63/0861 726/7
2017/0003793	A1 *	1/2017	Gao	.....	G06F 3/0416
2017/0006725	A1 *	1/2017	Ahn	.....	H05K 1/028
2017/0068275	A1 *	3/2017	Lee	.....	G06F 1/1652
2017/0075389	A1 *	3/2017	Yeom	.....	G06F 1/1652
2017/0078468	A1 *	3/2017	Cho	.....	G06F 1/1652
2017/0094168	A1 *	3/2017	Kang	.....	H04M 1/0264
2017/0142848	A1 *	5/2017	Yeo	.....	H05K 1/028
2017/0205853	A1 *	7/2017	Sun	.....	G06F 1/1652
2018/0067520	A1 *	3/2018	Maatta	.....	G06F 1/1681

OTHER PUBLICATIONS

Fresh Surface Phone Concept Has Foldable Body (Video), posted by Kelvin, Published on Feb. 25, 2018 on concept-phones.com, [online], [site visited Mar. 23, 2018]. Available from Internet, <URL: <https://www.concept-phones.com/microsoft/fresh-surface-phone-concept-foldable-body-video/>>.*
 Samsung Galaxy Wing is a 7 inch 4K Foldable Smartphone (Video), posted by Kelvin, Published on Dec. 18, 2017 on concept-phones.com, [online], [site visited Mar. 23, 2018]. Available from Internet, <URL: <https://www.concept-phones.com/samsung/samsung-galaxy-wing-7-inch-4k-foldable-smartphone-video/>>.*
 Notice of Allowance dated Dec. 21, 2017 in U.S. Appl. No. 29/591,660.
 Design U.S. Appl. No. 29/591,660, filed Jan. 23, 2017, entitled "Computer".
 Design U.S. Appl. No. 29/591,796, filed Jan. 24, 2017, entitled "Handheld Electronic Device".

* cited by examiner

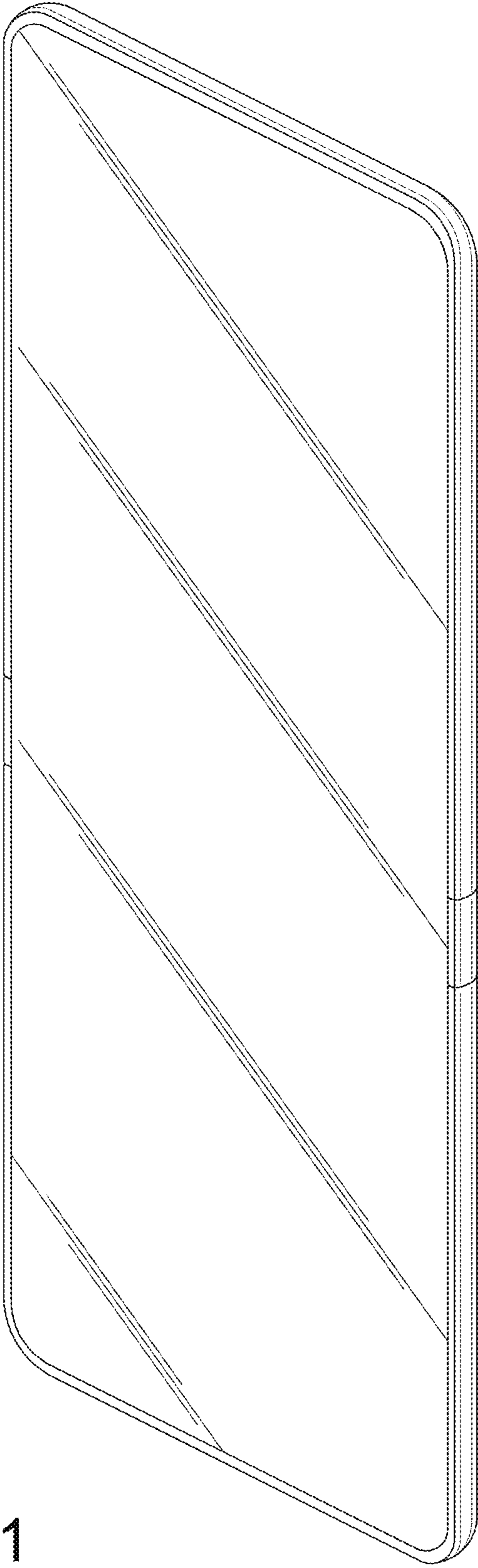


Fig. 1

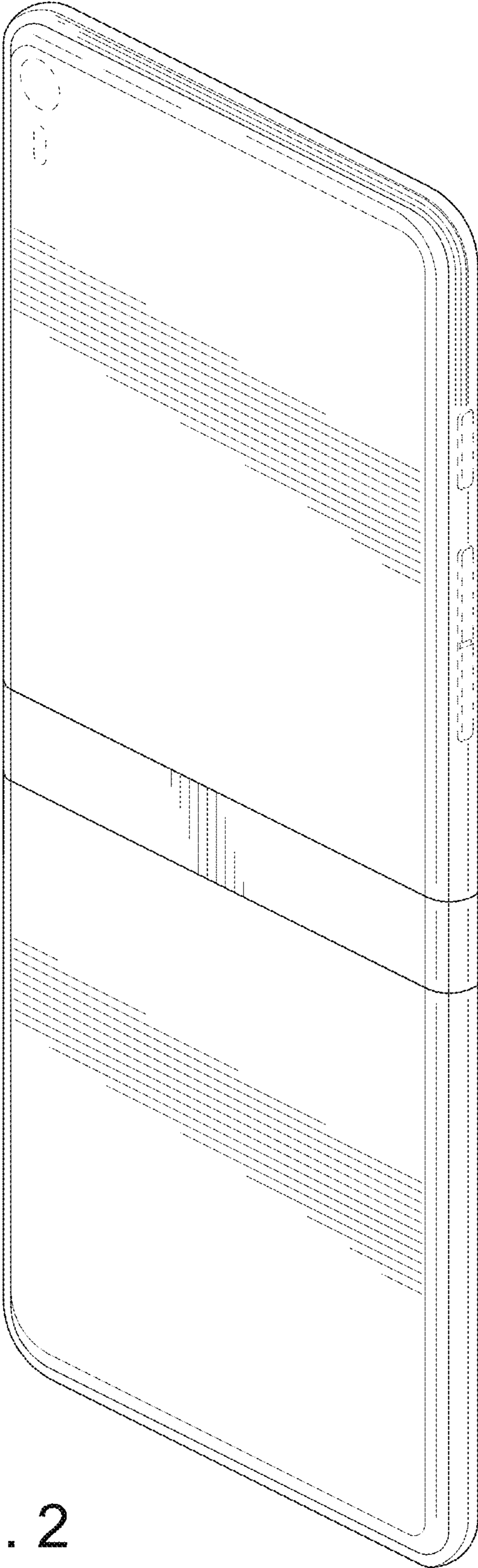


Fig. 2

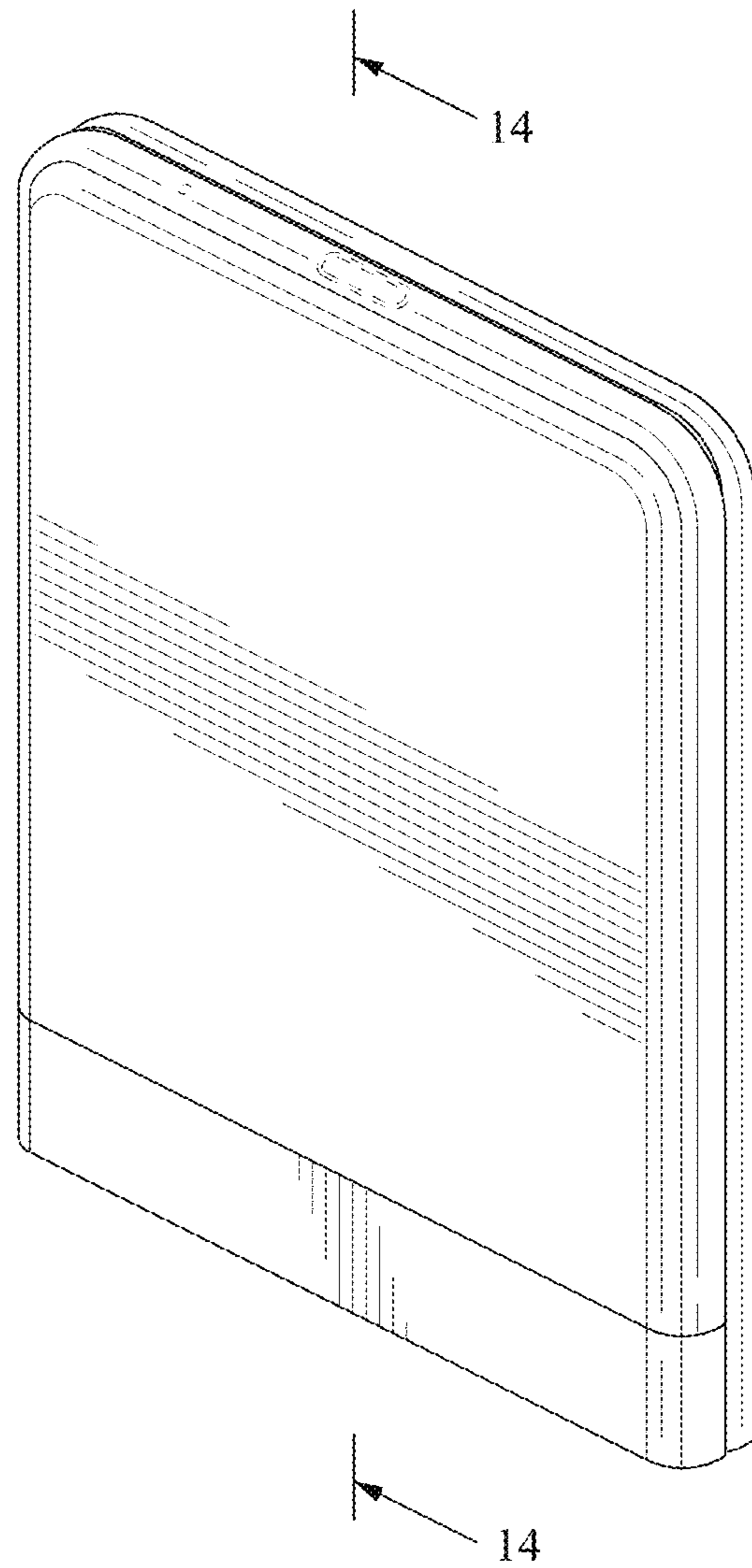


Fig. 3

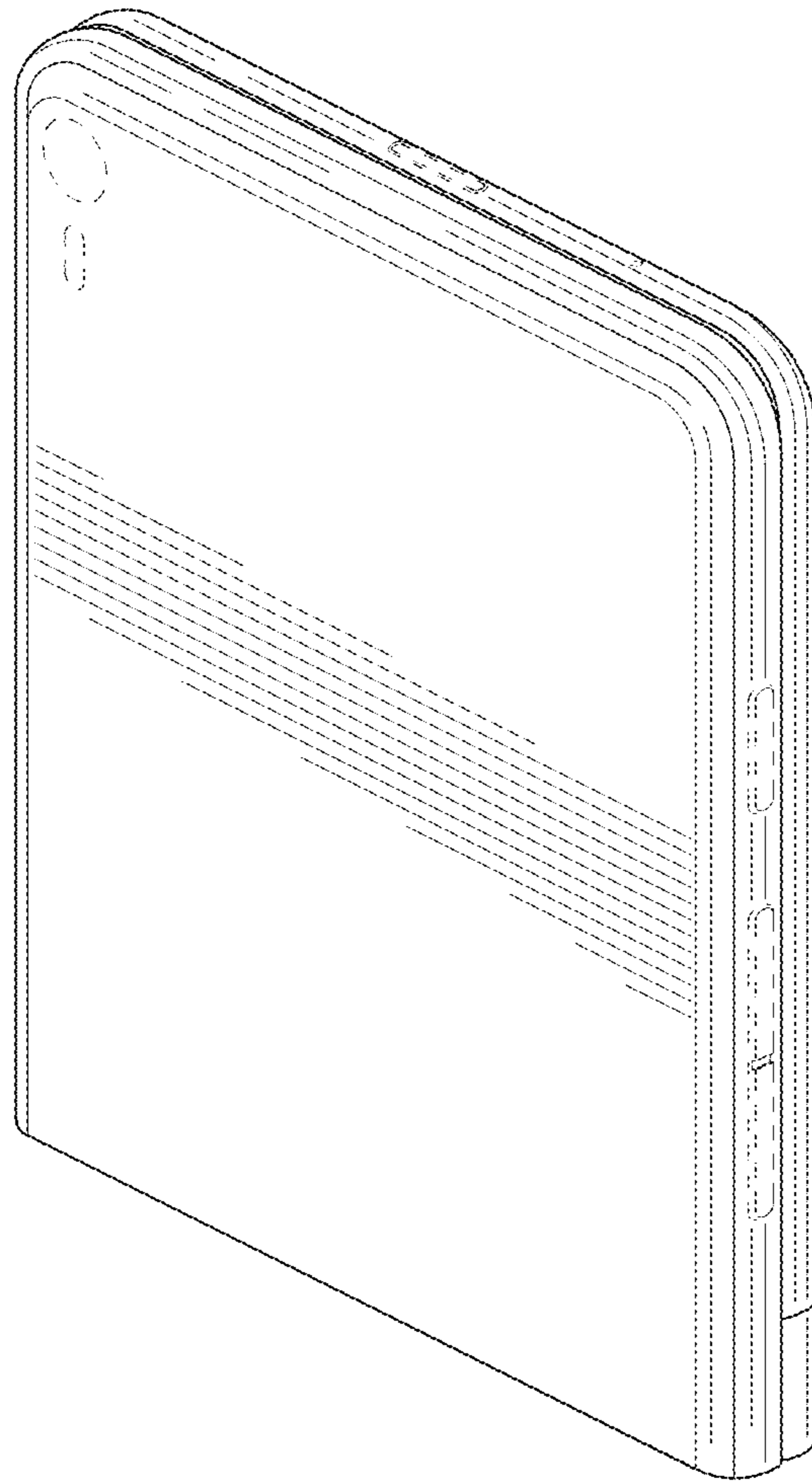


Fig. 4

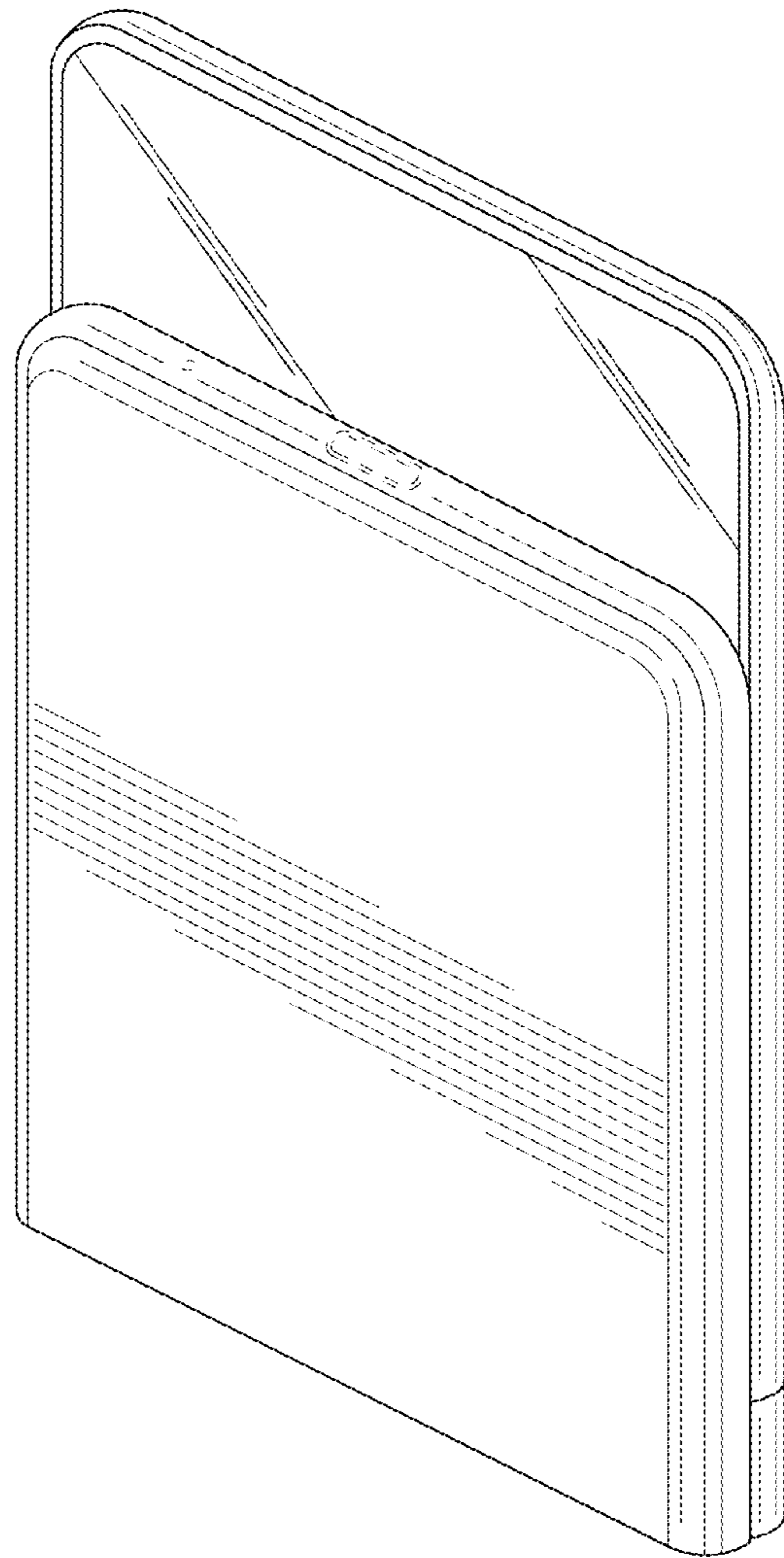


Fig. 5

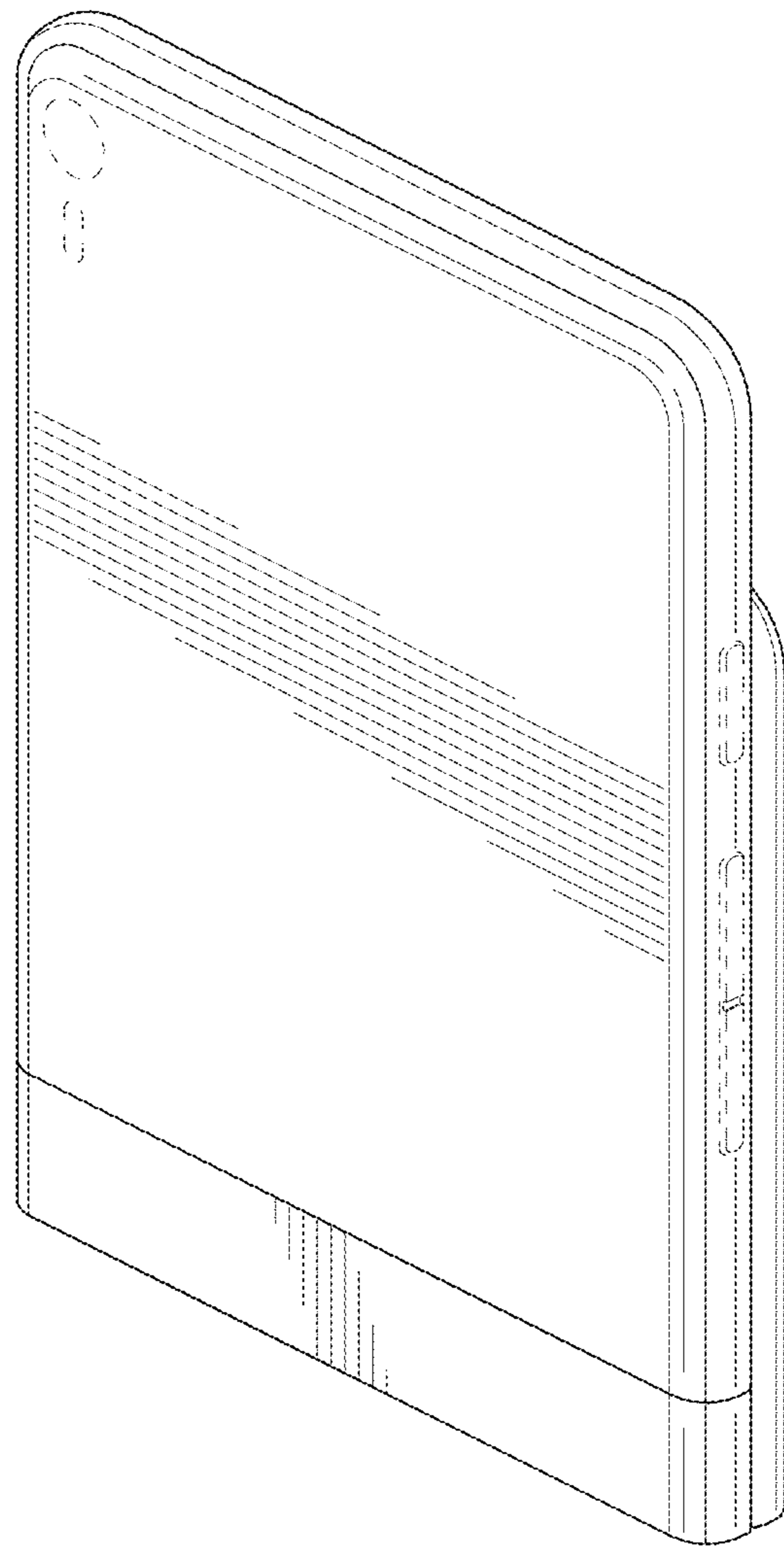


Fig. 6

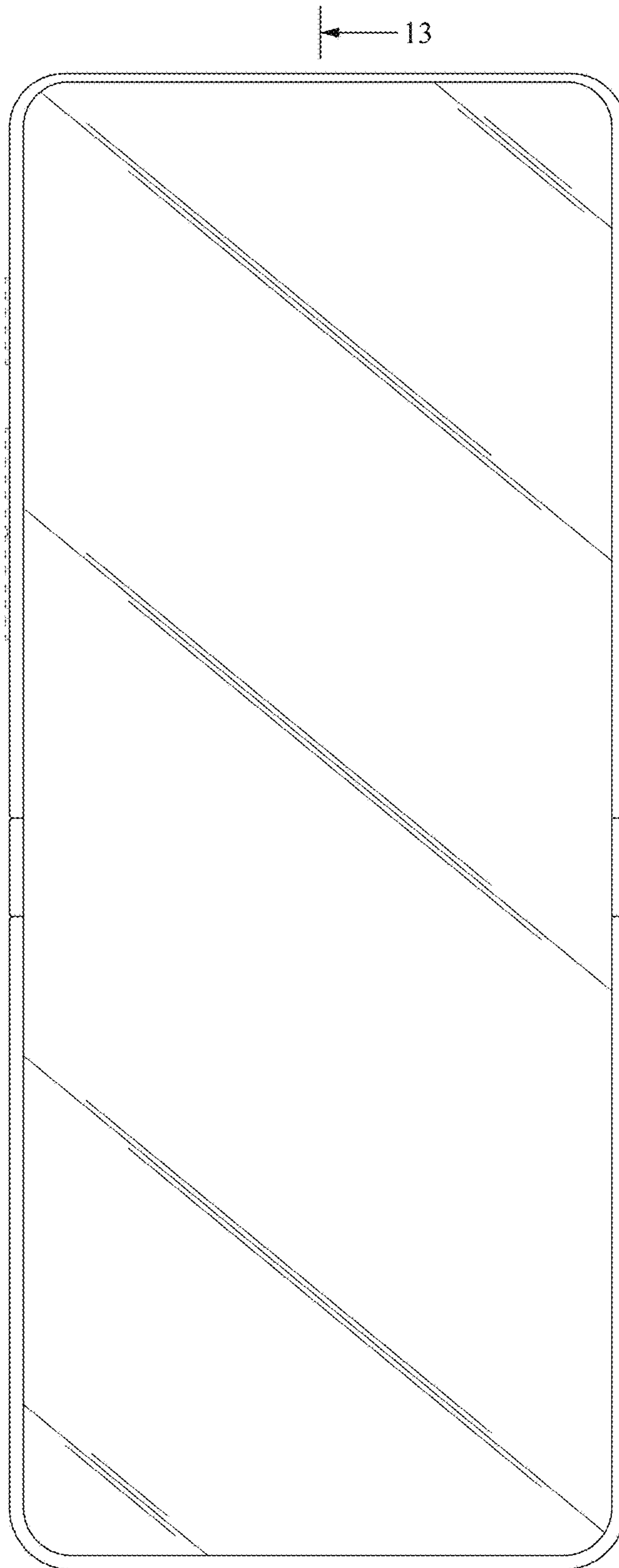


Fig .7



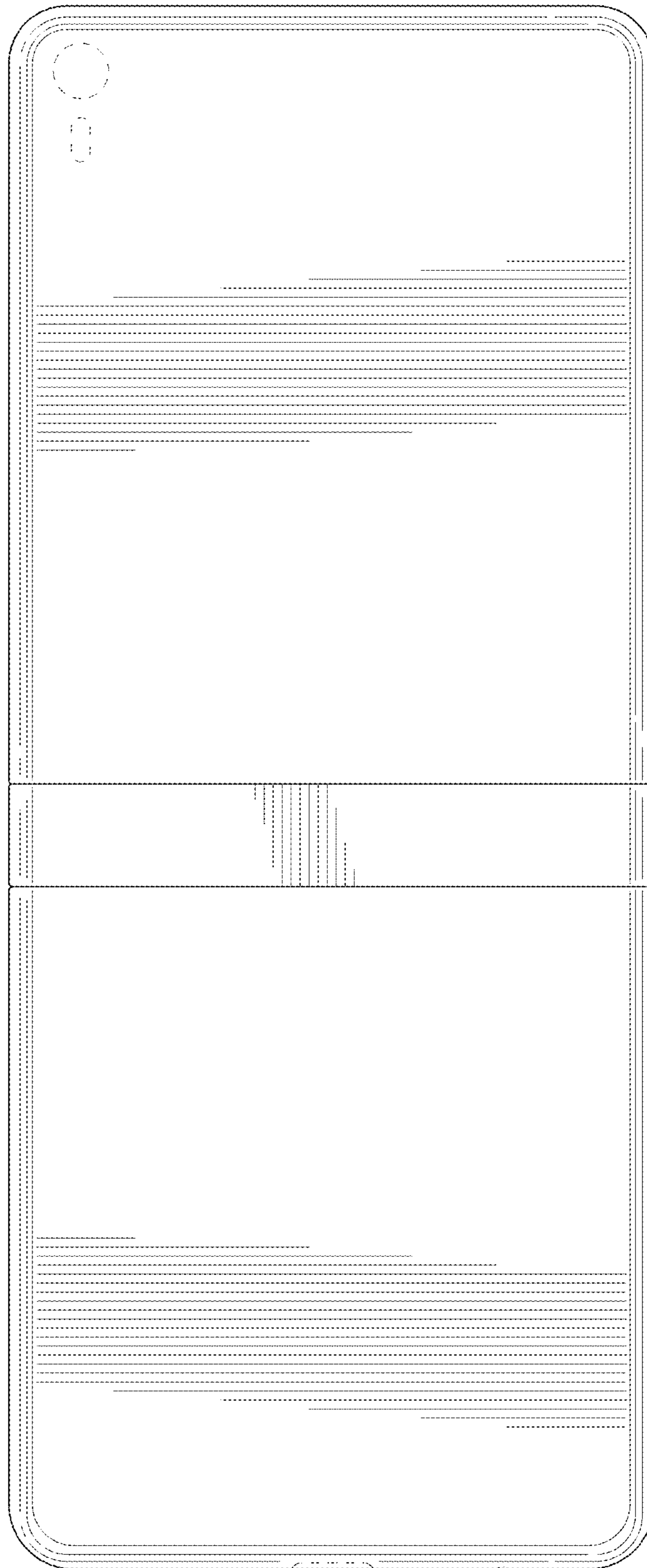


Fig. 8

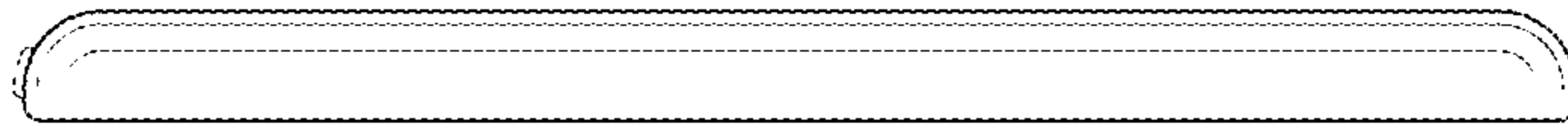


Fig. 9

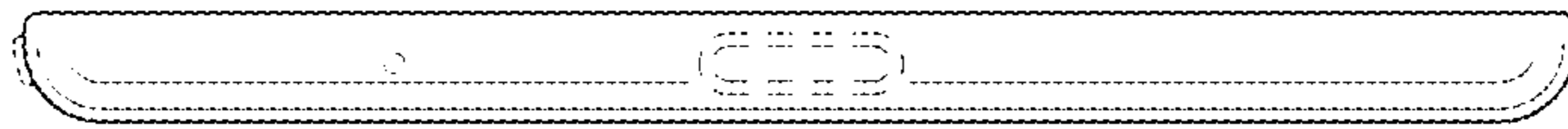


Fig. 10

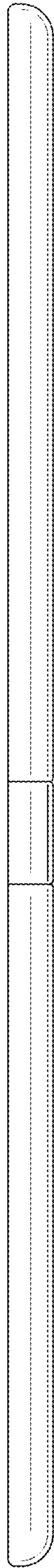


Fig. 11



Fig. 12



Fig. 13

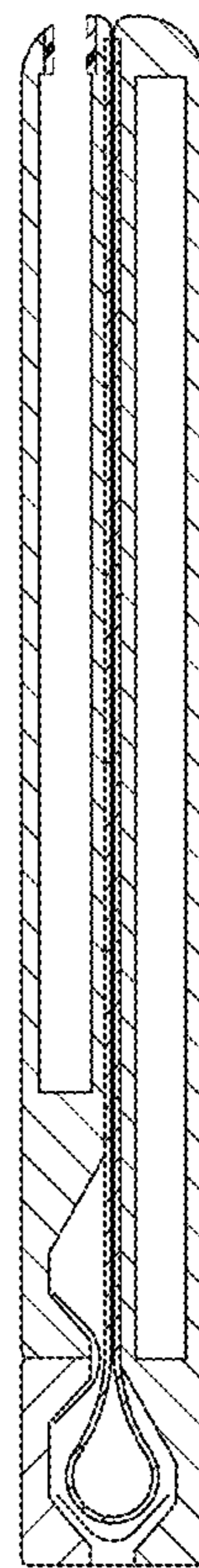


Fig. 14

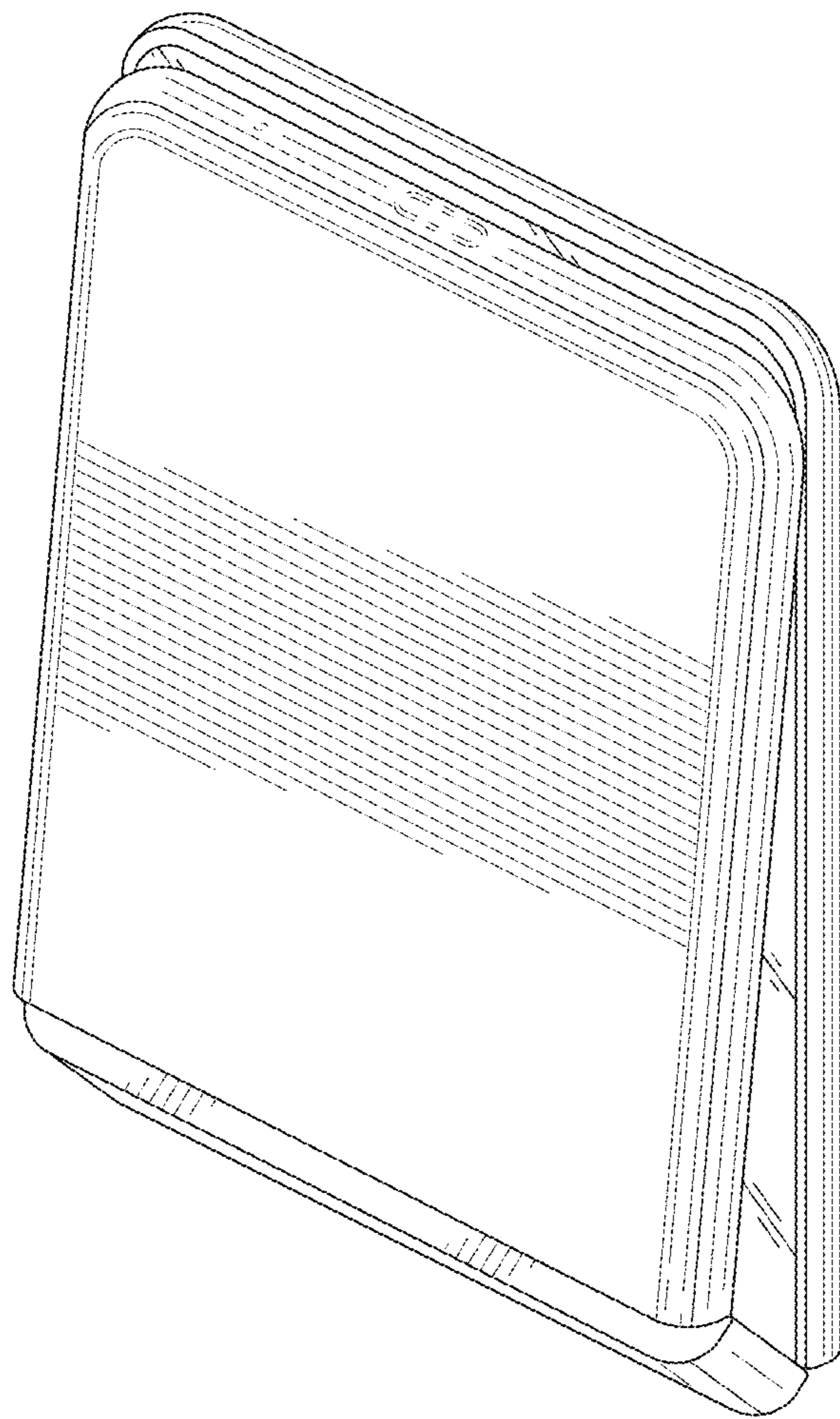


Fig. 15

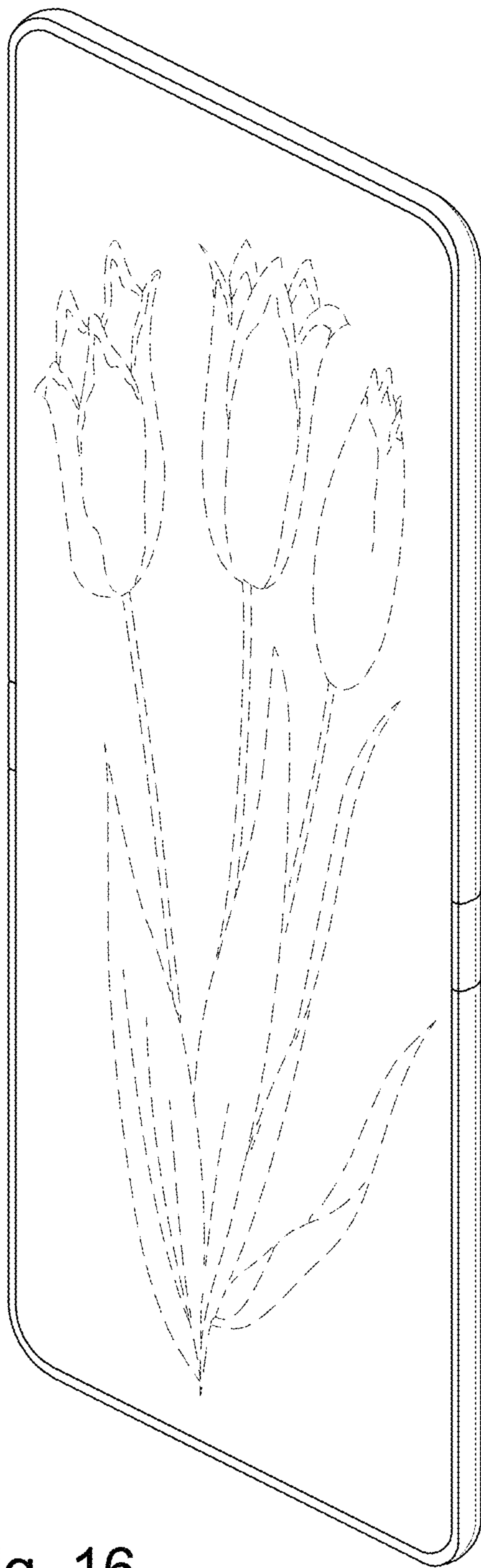


Fig. 16

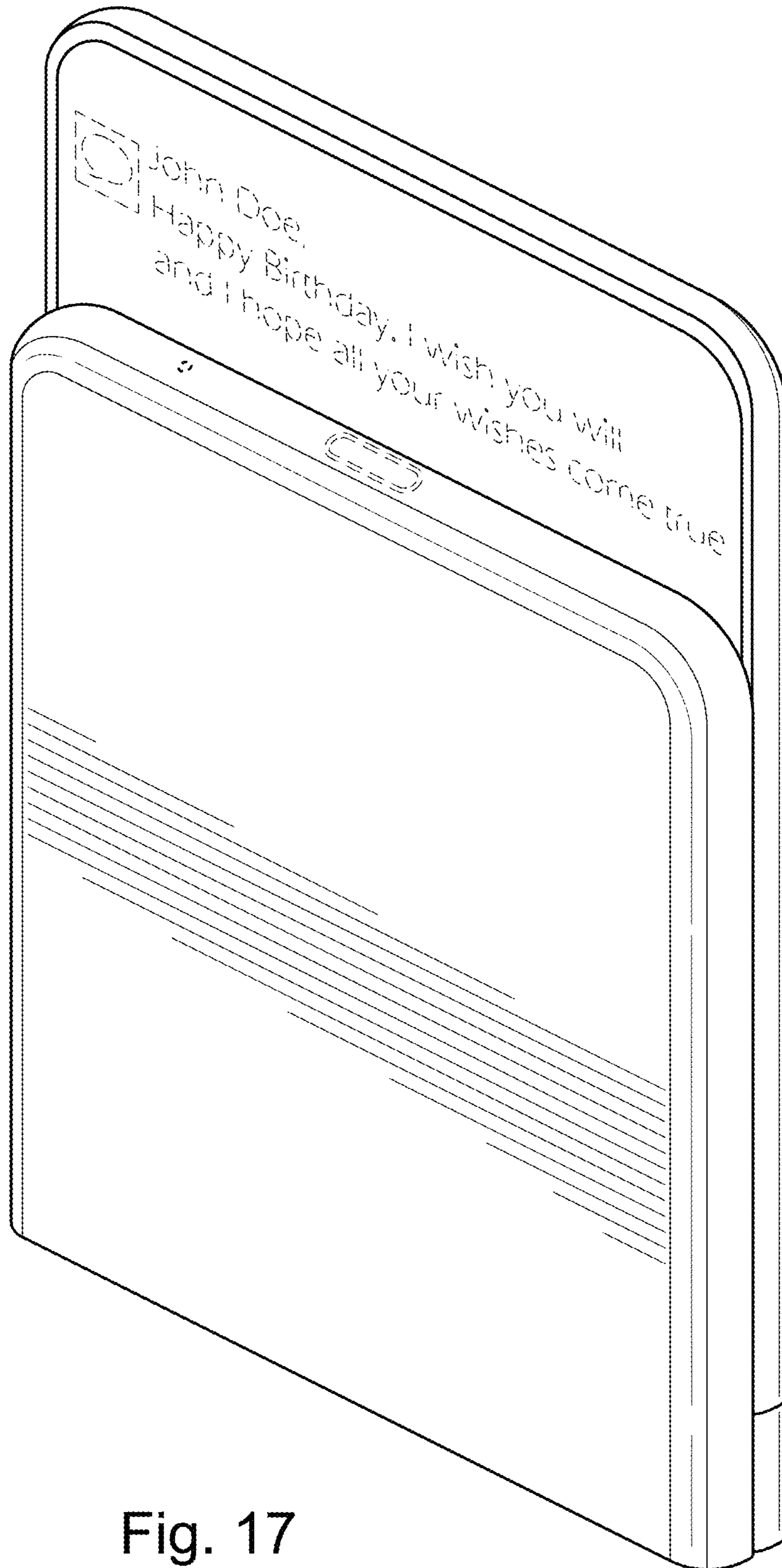


Fig. 17