



US00D904331S

(12) **United States Design Patent** (10) **Patent No.:** **US D904,331 S**  
**Lee et al.** (45) **Date of Patent:** **\*\* Dec. 8, 2020**

(54) **MOBILE PHONE**  
(71) Applicant: **LG Electronics Inc.**, Seoul (KR)  
(72) Inventors: **Jonghak Lee**, Seoul (KR); **Kiyeal Seo**, Seoul (KR); **Joungyoung Joung**, Seoul (KR); **Jinwan Bae**, Seoul (KR)  
(73) Assignee: **LG Electronics Inc.**, Seoul (KR)  
(\*\*) Term: **15 Years**  
(21) Appl. No.: **35/507,881**  
(22) Filed: **May 27, 2019**

9,786,207 B2 \* 10/2017 Kim ..... G06F 1/1652  
9,801,290 B2 \* 10/2017 Ahn ..... G06F 1/1652  
9,891,672 B2 \* 2/2018 Hampton ..... G06F 1/1681

(Continued)

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(74) *Attorney, Agent, or Firm* — Birch, Stewart, Kolasch & Birch, LLP

(57) **CLAIM**

The ornamental design for a mobile phone, as shown and described.

(80) **Hague Agreement Data**

Int. Filing Date: **May 27, 2019**  
Int. Reg. No.: **DM/203669**  
Int. Reg. Date: **May 27, 2019**  
Int. Reg. Pub. Date: **Nov. 29, 2019**

**DESCRIPTION**

(30) **Foreign Application Priority Data**

Nov. 29, 2018 (KR) ..... 30-2018-0055942

(51) **LOC (12) Cl.** ..... **14-03**

(52) **U.S. Cl.**  
USPC ..... **D14/138 AB**  
CPC ..... **G06F 1/1681** (2013.01)

(58) **Field of Classification Search**  
USPC .... D14/138 AB, 248, 341, 371, 374, 138 R, D14/138 AA, 138 G, 138 AC, 138 AD, D14/138 C, 247

CPC . G06F 1/1681; H04M 1/0202; H04M 1/0235; H04M 1/0237; H04M 1/0239; H04M 1/0266; H04M 1/0268; H04M 1/027; H04M 1/0295; H04M 1/02; H04M 1/0279; H04M 1/0283

See application file for complete search history.

- 1. Mobile phone
- 1.1 : Perspective
- 1.2 : Front
- 1.3 : Back
- 1.4 : Left
- 1.5 : Right
- 1.6 : Top
- 1.7 : Bottom
- 1.8 : Back perspective view
- 1.9 : Perspective view 2
- 1.10 : Front view 2
- 1.11 : Back view 2
- 1.12 : Left view 2
- 1.13 : Right view 2
- 1.14 : Top view 2
- 1.15 : Bottom view 2
- 1.16 : Back perspective view 2

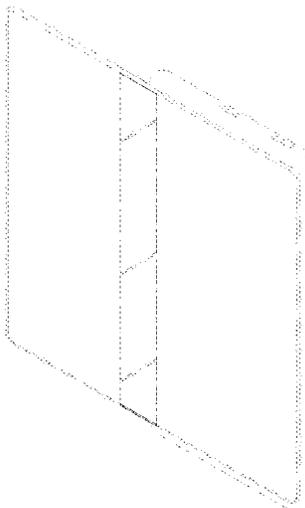
The broken lines depict portions of a mobile phone that form no part of the claimed design; the fine lines on the drawings indicate the flat surface, curved surface or display part; reproductions 1.1 to 1.8 are front perspective, front, back, left, right, top, bottom and back perspective views of the mobile phone in folded state; reproductions 1.9 to 1.16 are front perspective, front, back, left, right, top, bottom and back perspective views in a condition that the claimed design opened completely; this design is for a foldable mobile phone with a flexible OLED.

(56) **References Cited**

**U.S. PATENT DOCUMENTS**

9,625,953 B2 \* 4/2017 Bitz ..... G06F 1/1681  
9,625,954 B2 \* 4/2017 Campbell ..... H04M 1/022  
9,632,541 B2 \* 4/2017 Xin ..... G06F 1/1681

**1 Claim, 16 Drawing Sheets**



(56)

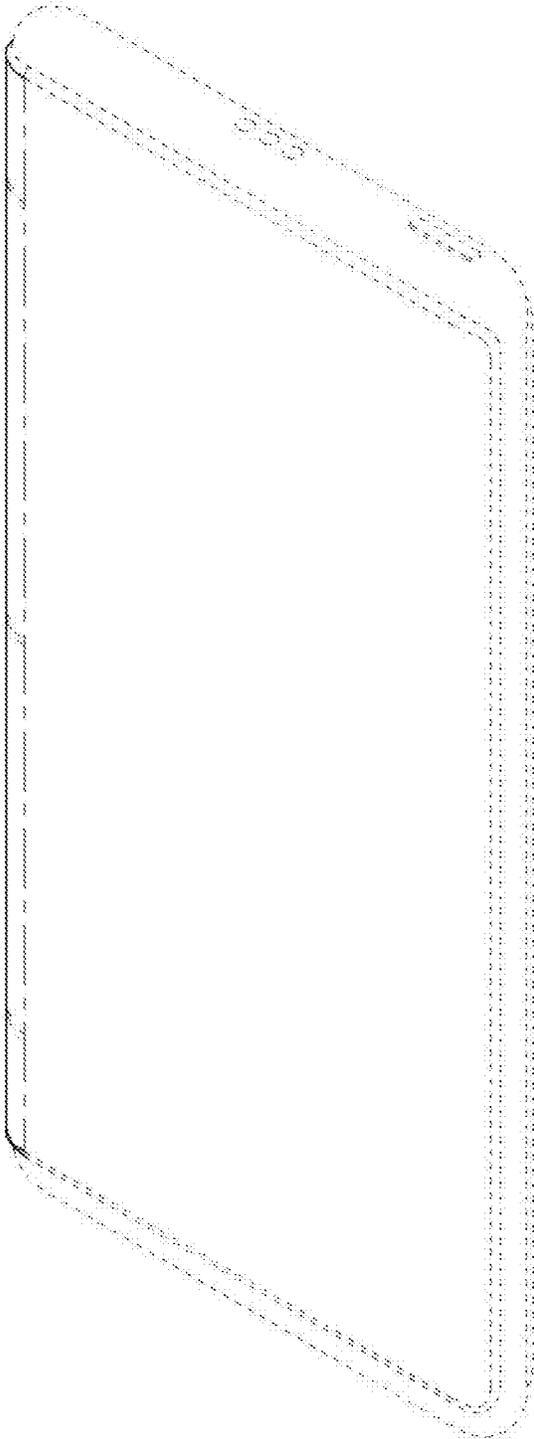
References Cited

U.S. PATENT DOCUMENTS

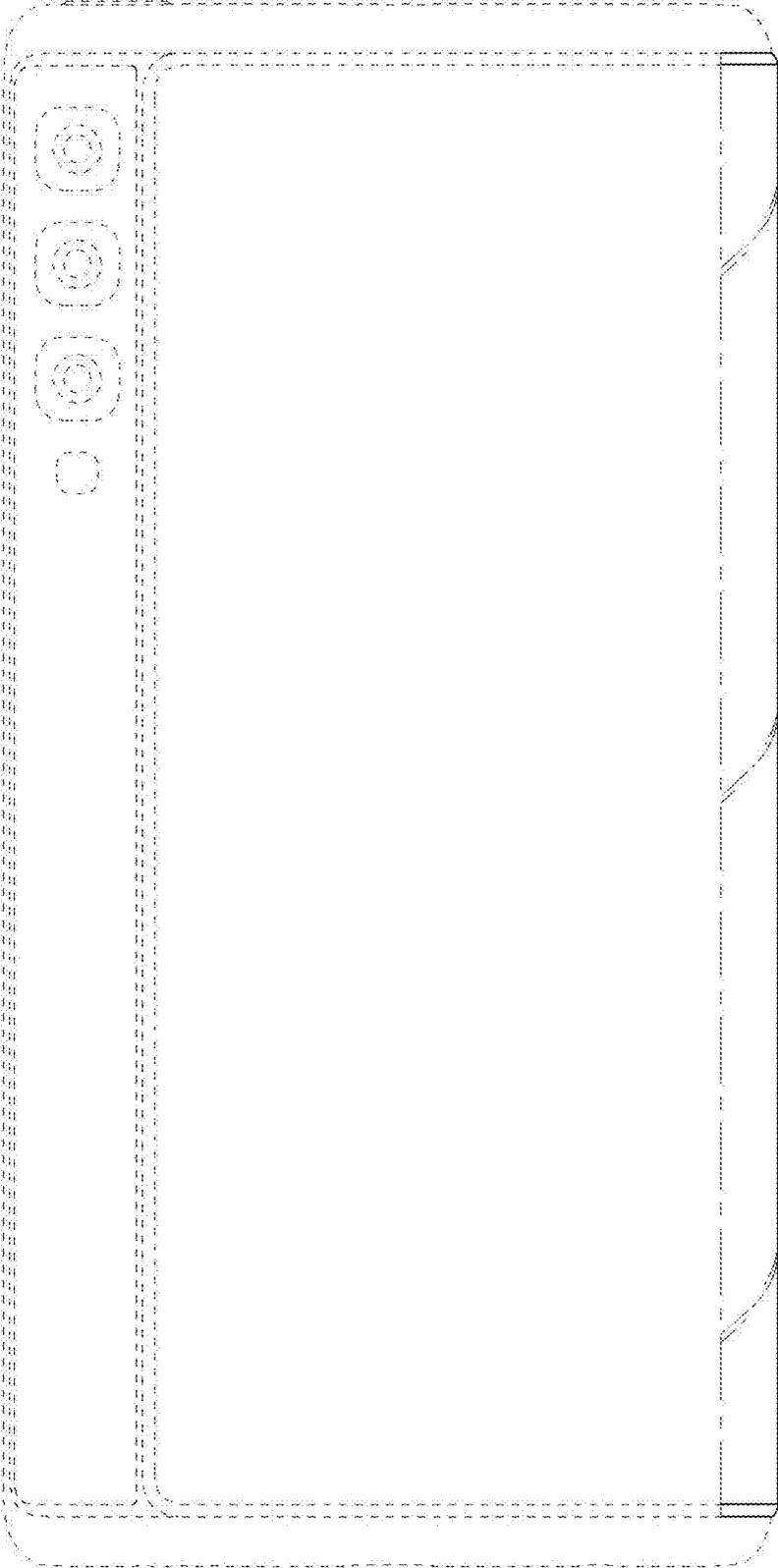
9,898,051	B2 *	2/2018	Cho	.....	G06F 1/1652	10,310,566	B2 *	6/2019	Liao	.....	G06F 1/1652
9,910,458	B2 *	3/2018	Watanabe	.....	G02F 1/133305	10,344,510	B2 *	7/2019	Siddiqui	.....	E05D 11/06
9,910,465	B2 *	3/2018	Tazbaz	.....	G06F 1/1618	10,345,858	B2 *	7/2019	Han	.....	G06F 1/1652
9,930,794	B2 *	3/2018	Luan	.....	H05K 7/14	10,364,598	B2 *	7/2019	Tazbaz	.....	G06F 1/1681
D814,435	S *	4/2018	Kwon	.....	D14/138 AB	D859,347	S *	9/2019	Kwon	.....	D14/138 AB
D814,455	S *	4/2018	Kwon	.....	D14/341	10,437,293	B2 *	10/2019	Bitz	.....	G06F 1/1679
9,952,631	B2 *	4/2018	Xin	.....	G06F 1/1616	10,474,203	B2 *	11/2019	Tazbaz	.....	G06F 1/1681
10,013,022	B1 *	7/2018	Aurongzeb	.....	G06F 1/1681	10,481,634	B2 *	11/2019	Mizoguchi	.....	G06F 1/1637
10,024,090	B2 *	7/2018	Tazbaz	.....	G06F 1/1681	10,501,973	B2 *	12/2019	Maatta	.....	G06F 1/1681
10,061,359	B2 *	8/2018	Maatta	.....	E05D 1/02	10,534,406	B2 *	1/2020	Makinen	.....	G06F 1/1624
10,067,530	B2 *	9/2018	Tazbaz	.....	E05D 3/06	10,545,535	B2 *	1/2020	Xin	.....	G06F 1/1647
10,104,790	B2 *	10/2018	Lee	.....	E05D 11/0054	D875,091	S *	2/2020	Kwon	.....	D14/341
10,143,098	B1 *	11/2018	Lee	.....	G06F 3/0416	D879,084	S *	3/2020	Lee	.....	D14/250
10,162,389	B2 *	12/2018	Tazbaz	.....	H04M 1/022	D879,764	S *	3/2020	Lee	.....	D14/250
10,174,534	B2 *	1/2019	Tazbaz	.....	G06F 1/1616	D884,664	S *	5/2020	Kwon	.....	D14/138 AB
10,227,808	B2 *	3/2019	Siddiqui	.....	G06F 1/1681	10,641,318	B2 *	5/2020	Siddiqui	.....	G06F 1/1616
10,241,548	B2 *	3/2019	Tazbaz	.....	G06F 1/1618	10,683,591	B1 *	6/2020	Podhajny	.....	D03D 1/0088
10,253,804	B2 *	4/2019	Park	.....	E05D 3/06	10,694,623	B2 *	6/2020	Park	.....	H05K 5/0017
10,274,997	B2 *	4/2019	Lin	.....	H04M 1/0268	10,705,565	B2 *	7/2020	Park	.....	G06F 1/1681
10,296,044	B2 *	5/2019	Siddiqui	.....	F16C 11/04	D894,144	S *	8/2020	Lee	.....	D14/138 AB
10,301,858	B2 *	5/2019	Maatta	.....	H04M 1/022	D894,145	S *	8/2020	Lee	.....	D14/138 AB
10,306,783	B2 *	5/2019	Seo	.....	H05K 5/0226	D896,214	S *	9/2020	Lee	.....	D14/250
						2016/0187935	A1 *	6/2016	Tazbaz	.....	G06F 1/163 361/679.03

\* cited by examiner

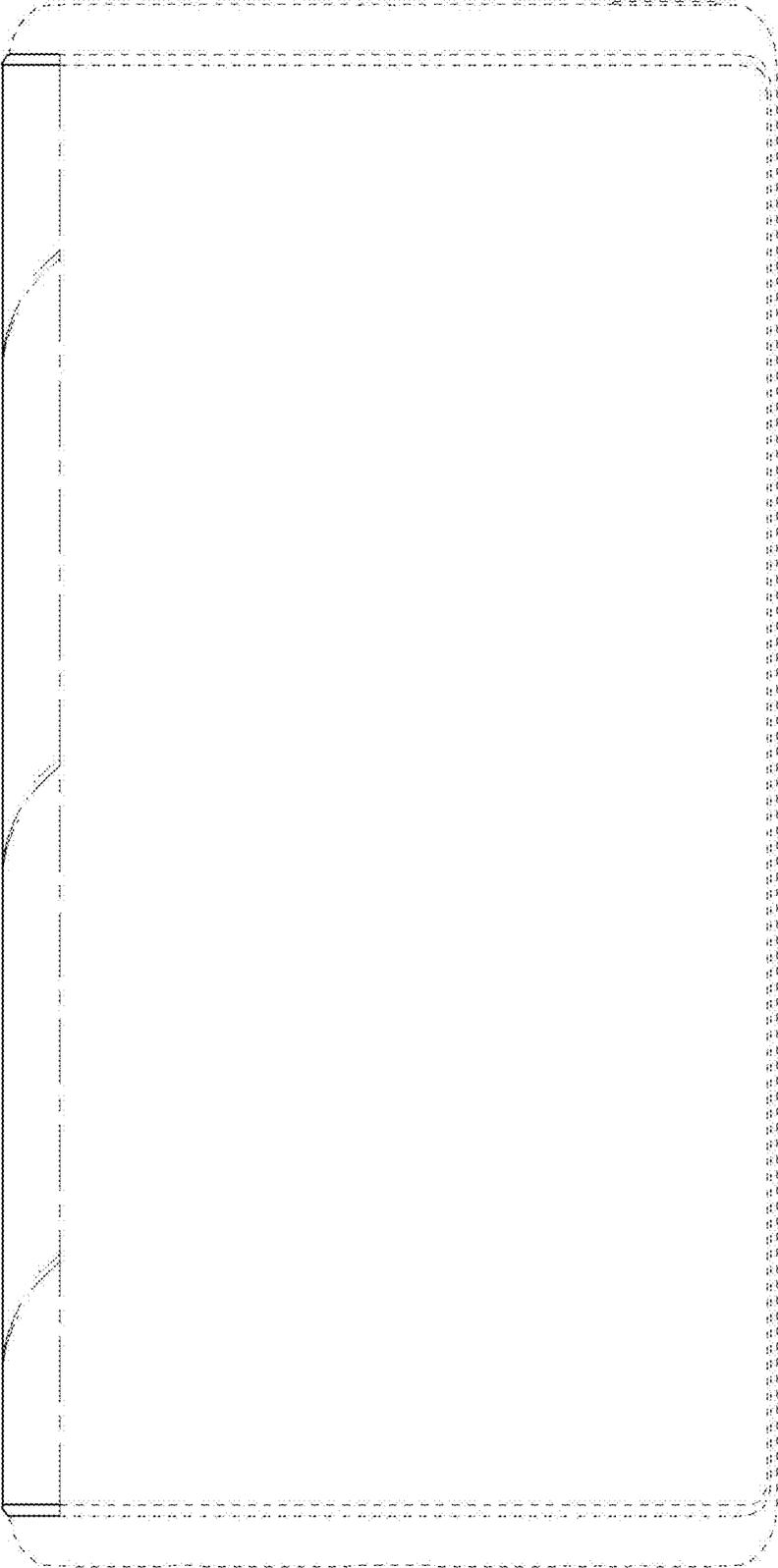
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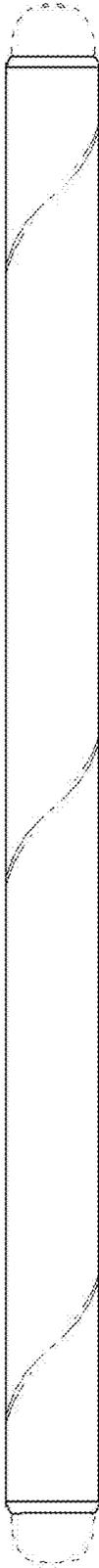
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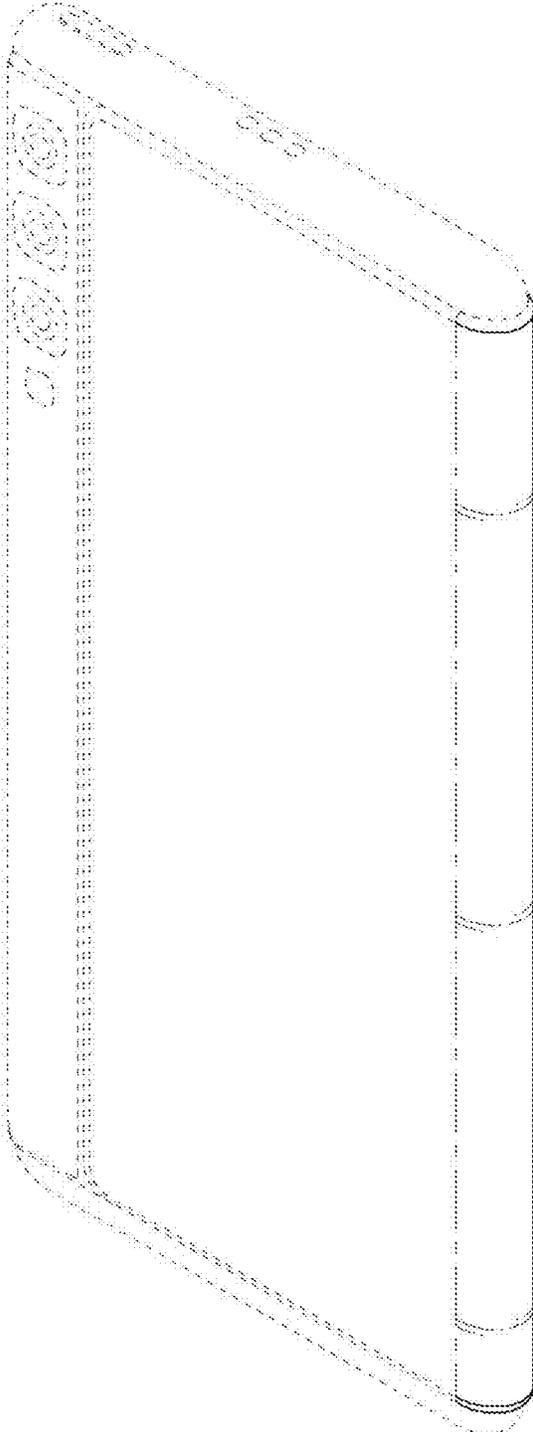
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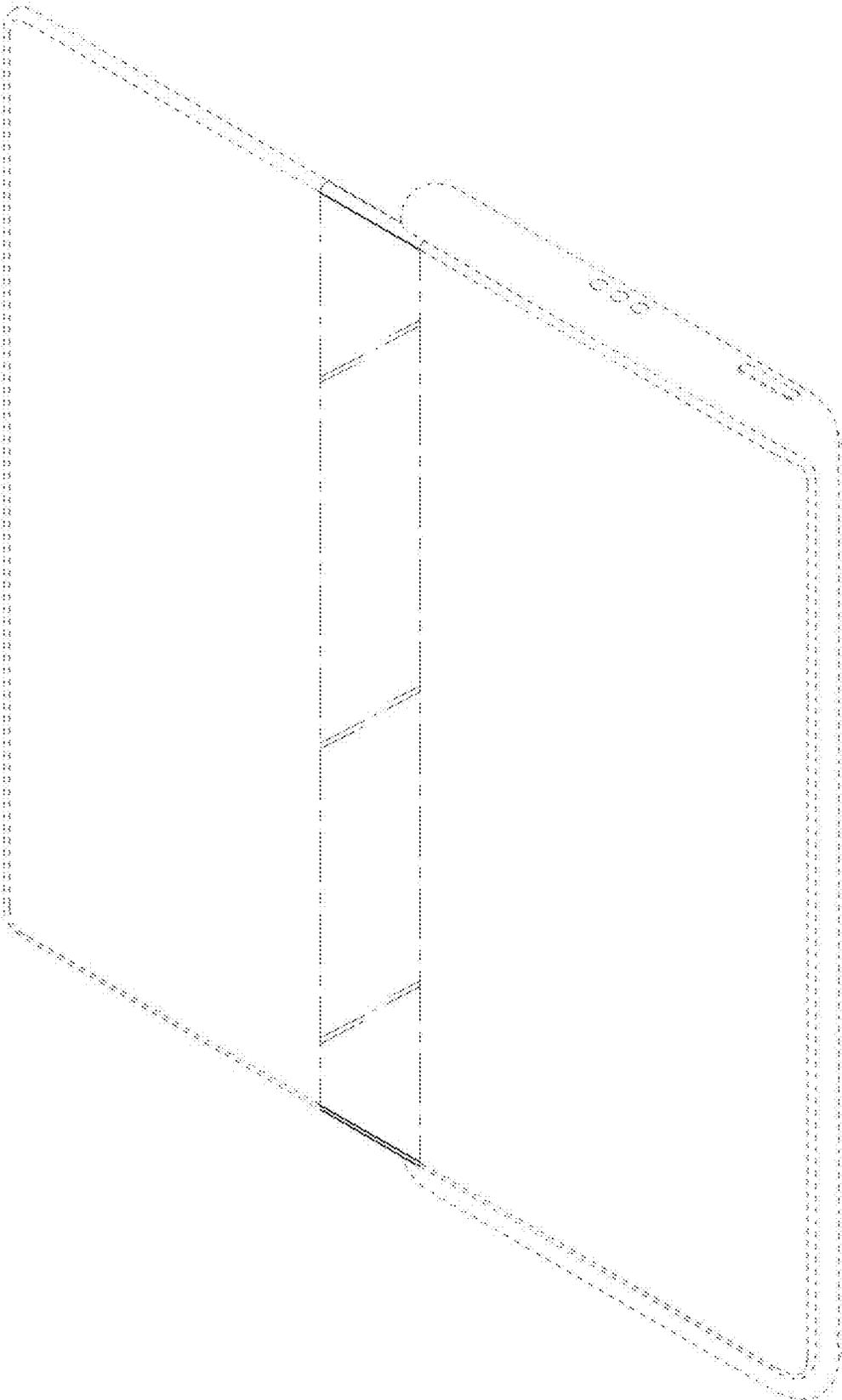
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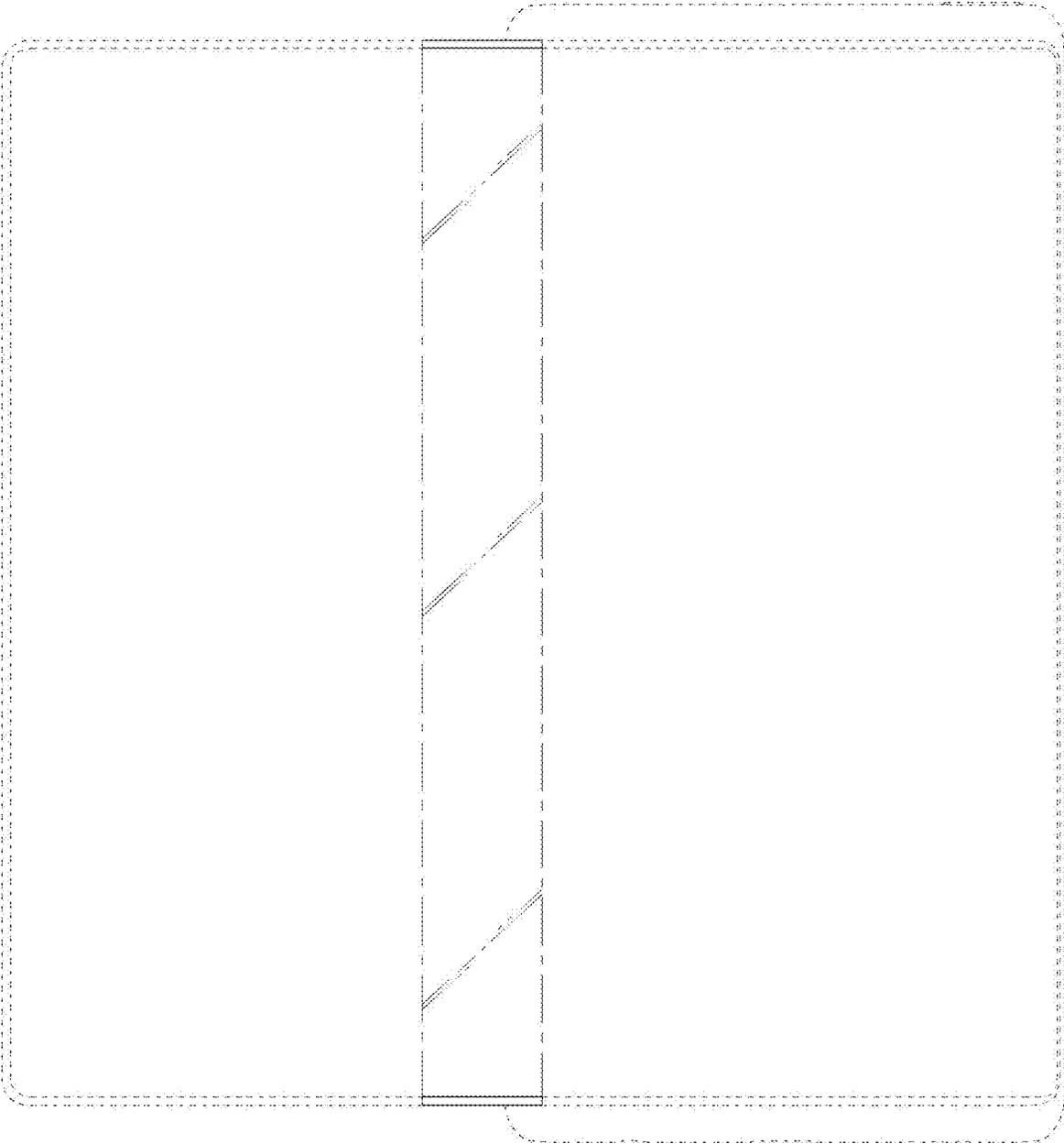
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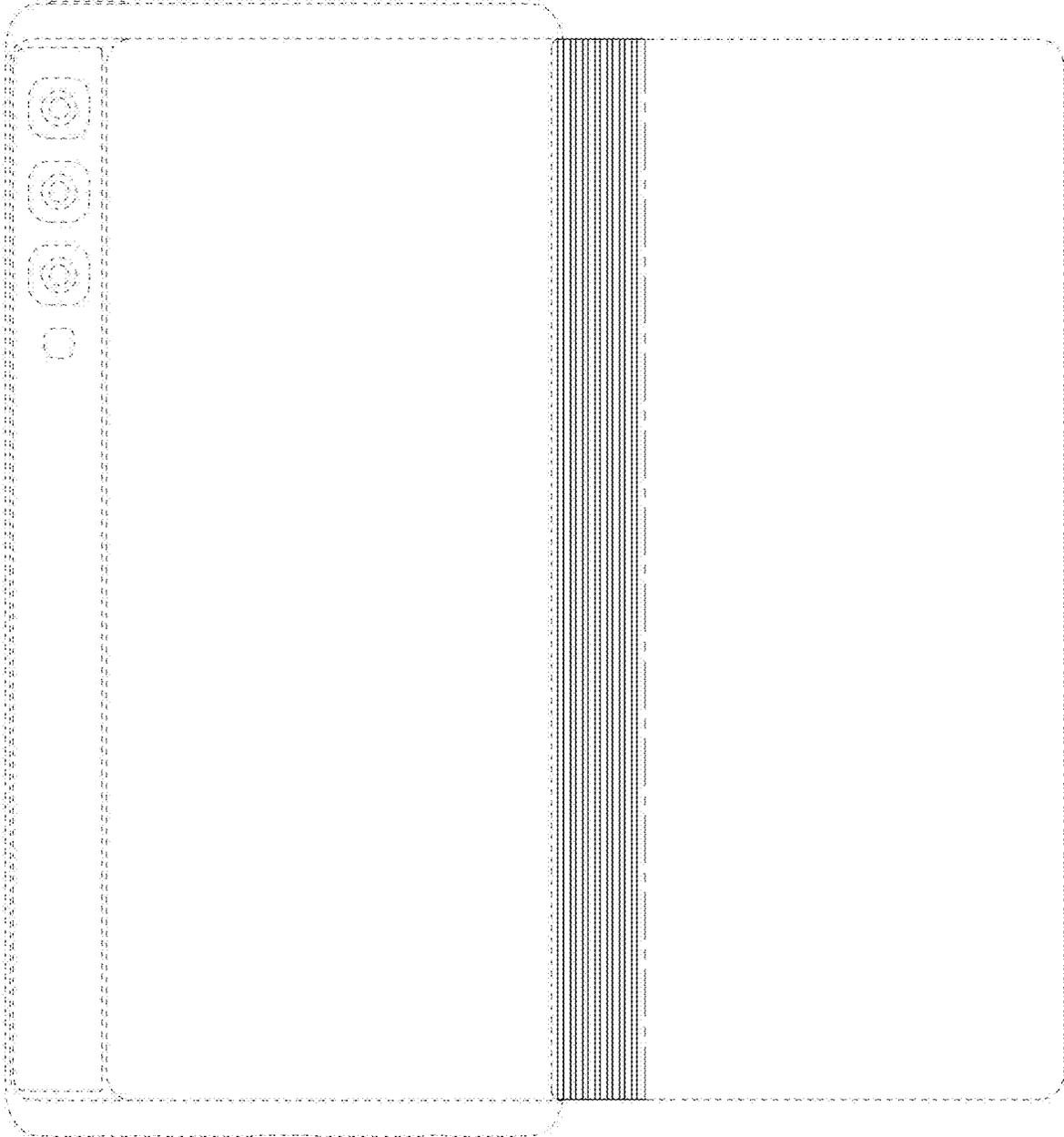
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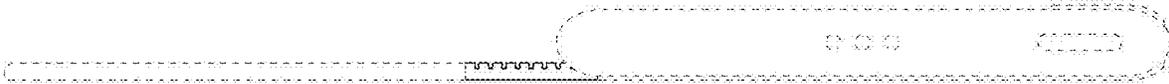
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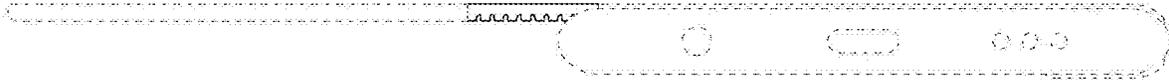
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