



US00D947843S

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

(10) **Patent No.:** **US D947,843 S**
(45) **Date of Patent:** **** Apr. 5, 2022**

(54) **ELECTRONIC DEVICE**

(71) Applicant: **SAMSUNG ELECTRONICS CO., LTD.**, Suwon-si (KR)

(72) Inventors: **Junwon Bae**, Yongin-si (KR); **Deokyeol Lee**, Seoul (KR); **Jonghyuk Park**, Seoul (KR); **Euiju Lee**, Guri-si (KR)

(73) Assignee: **Samsung Electronics Co., Ltd.**, Suwon-si (KR)

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

(21) Appl. No.: **29/665,392**

(22) Filed: **Oct. 3, 2018**

Related U.S. Application Data

(63) Continuation of application No. 29/568,429, filed on Jun. 17, 2016, now Pat. No. Des. 833,431.

Foreign Application Priority Data

Dec. 23, 2015 (KR) 30-2015-0065720
Dec. 23, 2015 (KR) 30-2015-0065721

(51) **LOC (13) Cl.** **14-02**

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

(58) **Field of Classification Search**

USPC D14/138 AA, 138 AB, 138 AC, 138 AD,
D14/138 C, 138 G, 203.1–203.8, 248,
D14/315–318, 341–347, 371, 374, 440,
D14/447, 496, 507; D6/308, 310;

D10/125–128, 123, 114.6, 106.94, 106.92,
D10/106.5–106.6, 104.1, 98, 79, 70, 65,
D10/50, 46, 30–39, 40–41; D18/6–7;
(Continued)

(56) **References Cited**

U.S. PATENT DOCUMENTS

800,055 A * 9/1905 Ayres F24F 13/0209
138/163
2,445,878 A * 7/1948 Grueneberg G09F 7/08
40/611.05

(Continued)

OTHER PUBLICATIONS

Foldable phone aside . . . , Nov. 14, 2018, [retrieved Nov. 4, 2021],
Retrieved from Internet, URL: <<https://www.neowin.net/news/foldable-phone-aside-samsung-receives-patent-for-a-tri-folding-tablet/>> (Year: 2018).*

(Continued)

Primary Examiner — Barbara Fox

Assistant Examiner — Aram Kwon

(74) *Attorney, Agent, or Firm* — NSIP Law

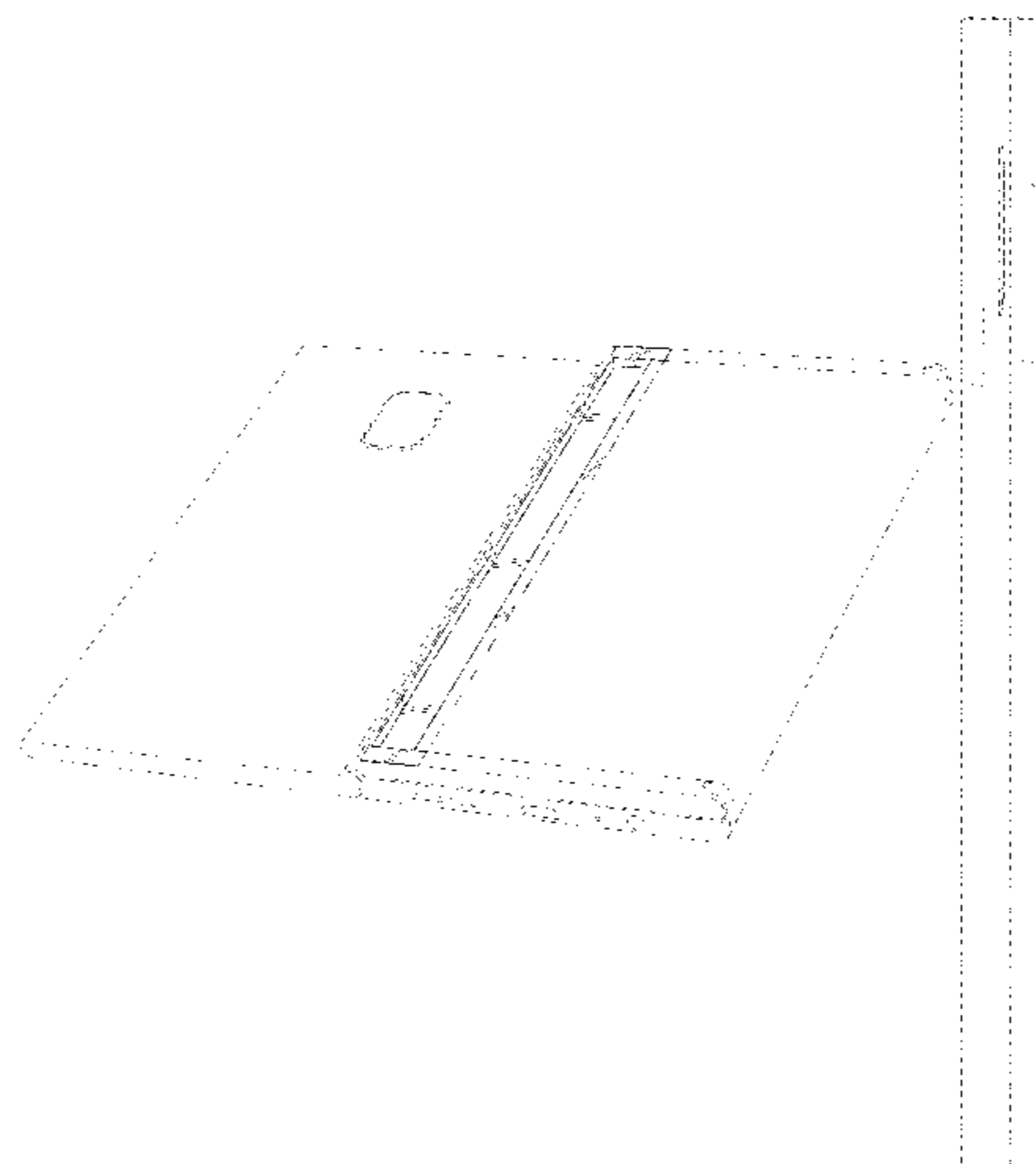
(57) **CLAIM**

We claim the ornamental design for an electronic device, as shown and described.

DESCRIPTION

FIG. 1 is a front perspective view of an electronic device showing our new design;
FIG. 2 is a front view thereof;
FIG. 3 is a rear view thereof;
FIG. 4 is a left-side view thereof;
FIG. 5 is a right-side view thereof;
FIG. 6 is a top view thereof; and,
FIG. 7 is a bottom view thereof.
The broken lines shown in the drawings depict portions of the electronic device that form no part of the claimed design.

(Continued)



The dot-dash broken lines define boundaries of the claimed design and form no part thereof.

1 Claim, 5 Drawing Sheets

(58) **Field of Classification Search**

USPC D19/26, 59–60; D21/324, 329–330, 332;
D25/119, 122
CPC .. H04M 1/0202; H04M 1/0266; H04M 1/725;
G06F 3/041; G06F 3/0412; G06F 3/0416
See application file for complete search history.

(56) **References Cited**

U.S. PATENT DOCUMENTS

3,434,258	A *	3/1969	Ghislain	E04B 2/78 52/772
D397,270	S *	8/1998	Maalouf	5/636
D473,955	S *	4/2003	Gregori	D25/122
D477,634	S	7/2003	Malone	
D501,933	S *	2/2005	Dinter	D25/113
D507,060	S *	7/2005	Fischer	D25/122
D546,479	S *	7/2007	Aughton	D25/119
D554,774	S *	11/2007	Antonic	D25/119
D627,213	S *	11/2010	Hikoyama	D8/380
D641,948	S *	7/2011	Bruyca	D1/127
D641,950	S *	7/2011	Bruyca	D1/127
D651,210	S	12/2011	Bryant	
8,662,731	B2 *	3/2014	Wang	G06F 1/1652 362/632
D711,021	S *	8/2014	Singh	D25/119
8,842,425	B2 *	9/2014	Ryu	H04M 1/0268 361/679.27
8,896,202	B2	11/2014	Oh	
D719,542	S	12/2014	Lee et al.	
D741,856	S	10/2015	Yamazaki et al.	
D747,582	S *	1/2016	Weller	D32/40
D750,036	S	2/2016	Endo et al.	
D750,064	S	2/2016	Yamazaki et al.	
D760,218	S *	6/2016	Yamazaki	D14/341
D760,219	S	6/2016	Yamazaki	
9,377,817	B2	6/2016	Eguchi	
D761,254	S	7/2016	Yamazaki et al.	
D761,789	S	7/2016	Yamazaki	
9,430,184	B2	8/2016	Cho et al.	
D768,624	S	10/2016	Bae et al.	
D770,447	S	11/2016	Endo et al.	
D772,225	S	11/2016	Kim et al.	
D784,945	S	4/2017	Choo et al.	
D789,925	S	6/2017	Browning et al.	
D798,257	S	9/2017	Choo et al.	
D800,112	S	10/2017	Park et al.	
D833,431	S *	11/2018	Bae	D14/345
D840,393	S *	2/2019	Kim	D14/345

D840,394	S *	2/2019	Son	D14/345
D864,953	S *	10/2019	Ahn	D14/341
D874,025	S *	1/2020	Kittur	D25/119
D897,302	S *	9/2020	Lee	D14/138 AB
2003/0218860	A1 *	11/2003	Shiraiwa	G06F 1/1616 361/679.04
2010/0064244	A1	3/2010	Kilpatrick et al.	
2010/0128423	A1	5/2010	Moscovitch	
2010/0157518	A1 *	6/2010	Ladouceur	G06F 1/1649 361/679.09
2011/0241998	A1	10/2011	McKinney et al.	
2012/0264489	A1	10/2012	Choi et al.	
2013/0250492	A1	9/2013	Wong et al.	
2013/0321340	A1	12/2013	Seo et al.	
2014/0347806	A1	11/2014	Totani	
2015/0062927	A1	3/2015	Hirakata et al.	

OTHER PUBLICATIONS

Samsung foldable phone . . . , Nov. 30, 2018, [retrieved Nov. 4, 2021], Retrieved from Internet, URL: <<https://www.91mobiles.com/hub/samsung-galaxy-fold-trademark-foldable-smartphone/>> (Year: 2018).*

Samsung Galaxy Z Fold 4 Tri Fold . . . , Sep. 4, 2021, [retrieved Nov. 4, 2021], Retrieved from Internet, URL: <<https://www.concept-phones.com/samsung/samsung-galaxy-z-fold-4-tri-fold-concept-gets-a-10-foldable-display/>> (Year: 2021).*

Samsung's Korean patent shows tri-folding tablet design, announced Jun. 12, 2015 [online], [site visited Jan. 30, 2018]. Available from Internet, URL: <<https://www.slashgear.com/samsungs-korean-patent-shows-tri-folding-tablet-design-12388070/>>.

Yes, it is possible to fold your tablets!, announced Jun. 24, 2014 [online], [site visited Jan. 30, 2018]. Available from Internet, URL: <<https://vulcanpost.com/11843/yes-possible-fold-tablets/>>.

Revolutionary Foldable Smartphone Shows Shape-Shifting Future for Google Maps, announced Apr. 27, 2014 [online], [site visited Jan. 30, 2018]. Available from Internet, URL: <<http://hml.queensu.ca/blog/paperfold>>.

A Closer Look at Lenovo's Flexible Display Wrist Phone and Foldable Tablet, announced Jun. 10, 2016 [online], [site visited Jan. 30, 2018]. Available from Internet, URL: <<http://www.androidpolice.com/2016/06/10/a-closer-look-at-lenovos-flexible-display-wrist-phone-and-tablet/>>.

Samsung's foldable phone could transform into a 7-inch tablet, announced Jan. 11, 2017 [online], [site visited Jan. 30, 2018]. Available from Internet, URL: <<https://mashable.com/2017/01/11/samsung-foldable-phone-transforms-into-tablet/#HKF1SO0r35qK>>.

Samsung Flexible/Foldable Smartphone 2017, announced Jan. 12, 2017 [online], [site visited Jan. 30, 2018]. Available from Internet, URL: <https://www.youtube.com/watch?v=Vun_yohGiMU>.

Samsung smartphone met drie displays, announced Dec. 29, 2017 [online], [site visited Jan. 30, 2018]. Available from Internet, URL: <<https://nl.letsgodigital.org/smartphones/samsung-smartphone/>>.

* cited by examiner

FIG. 1

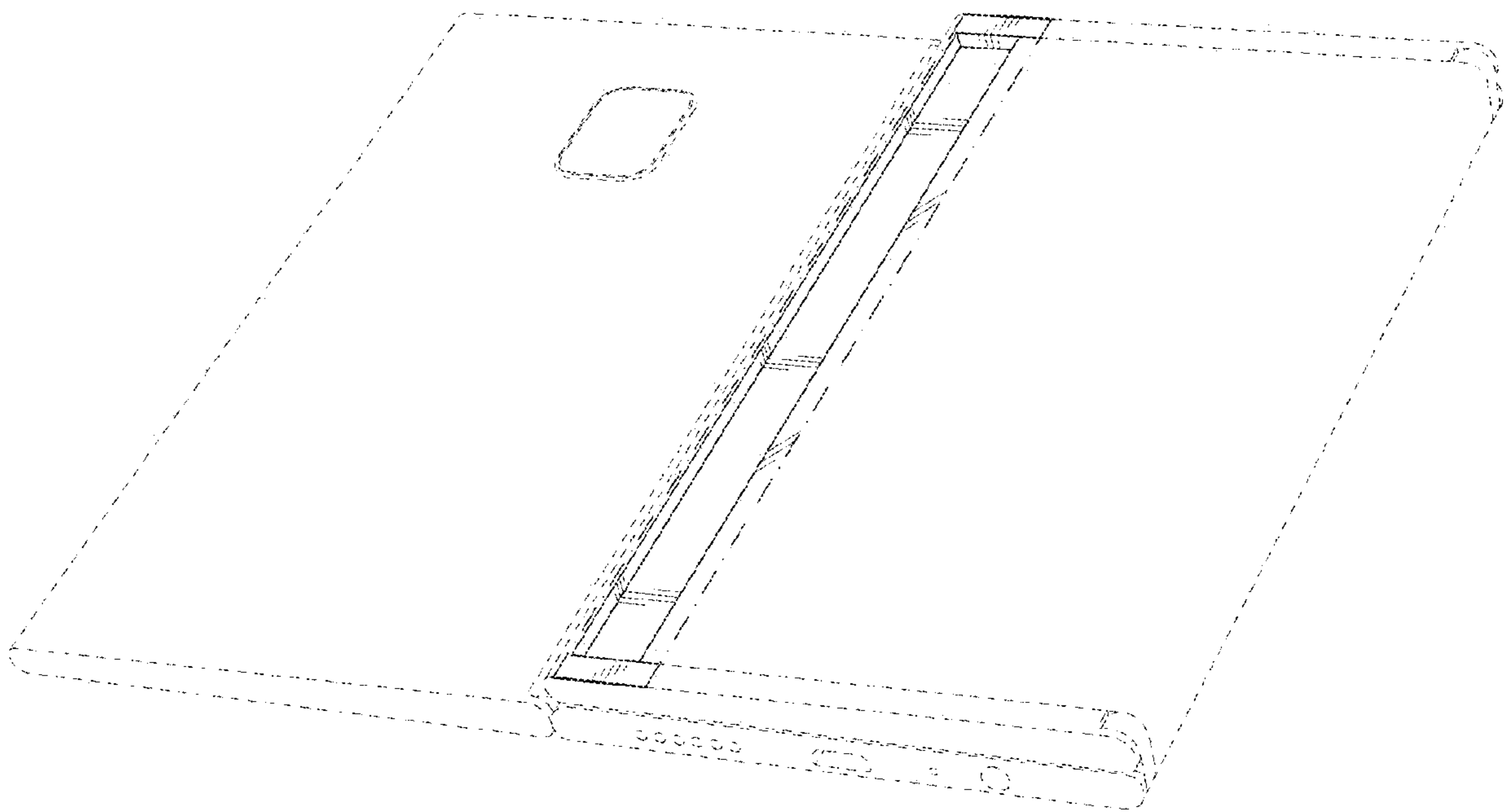


FIG. 2

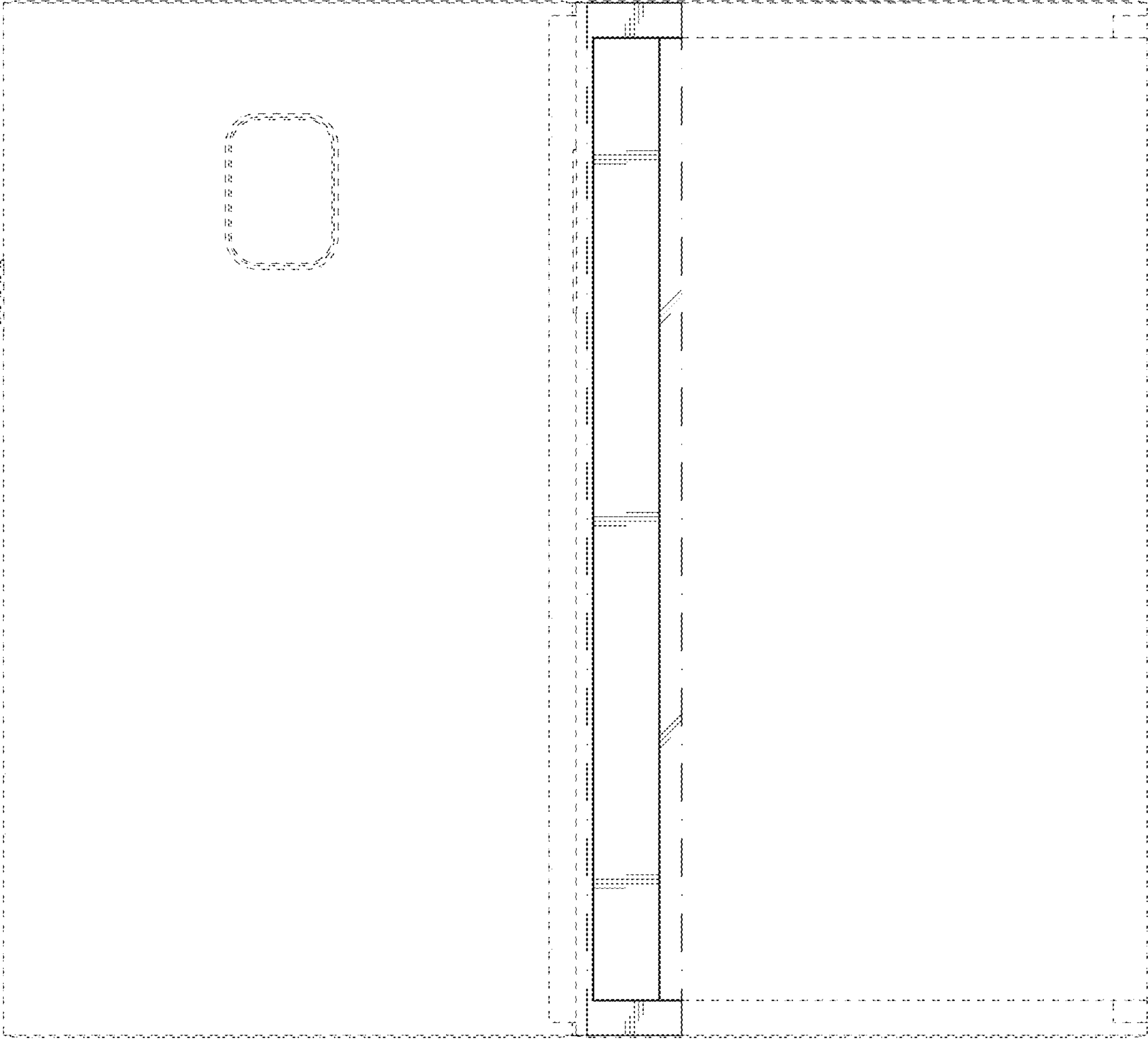


FIG. 3



FIG. 4

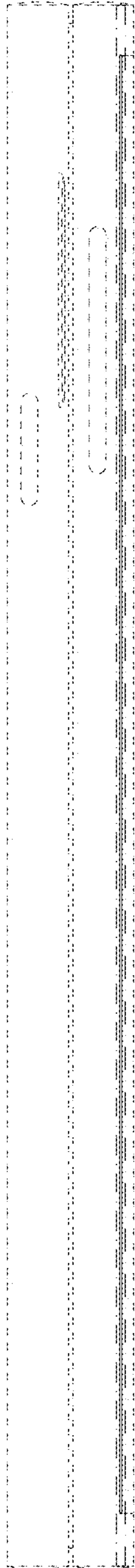


FIG. 5

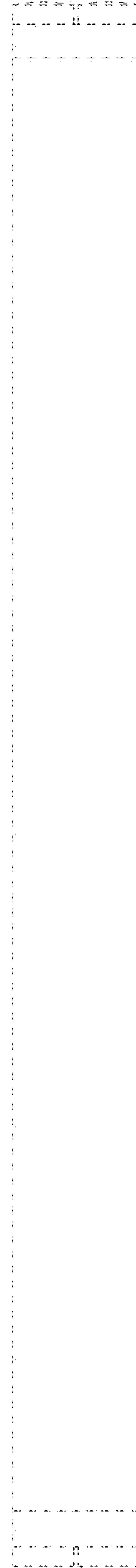


FIG. 6

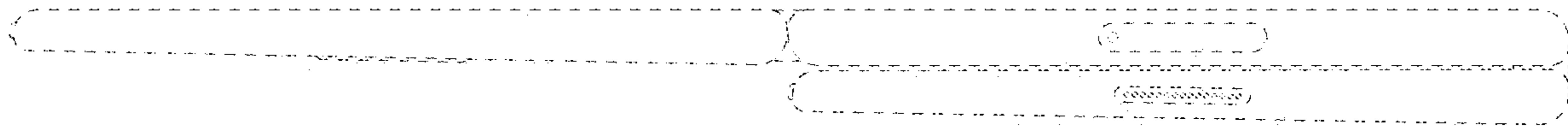


FIG. 7

