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

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(54) **KEYBOARD**

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

(21) Appl. No.: **29/589,773**

(22) Filed: **Jan. 4, 2017**

**Related U.S. Application Data**

(63) Continuation of application No. 29/538,664, filed on Sep. 4, 2015, now Pat. No. Des. 776,116.

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

(52) **U.S. Cl.**  
USPC ..... **D14/392**

(58) **Field of Classification Search**

USPC ..... D14/240, 315, 391-399, 433, 443, 447,  
D14/455, 456; D18/1, 2, 7, 11

(Continued)

(56) **References Cited**

**U.S. PATENT DOCUMENTS**

3,461,009 A 8/1969 Snyder et al.  
D364,191 S 11/1995 Allen

(Continued)

**FOREIGN PATENT DOCUMENTS**

JP D1475195 7/2013  
JP D1517990 2/2015

(Continued)

**OTHER PUBLICATIONS**

Way back Machine Internet Archive, Tangram Design Lab Inc.,  
"Smart Top: iPad and Wireless Keyboard at a Time" <<https://web.archive.org/web/20121013124127/http://tangramdesignlab.com/smarttop/en/>> dated Oct. 13, 2012, accessed Nov. 9, 2016.

(Continued)

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(57) **CLAIM**

The ornamental design for a keyboard, as shown and described.

**DESCRIPTION**

FIG. 1 is a top front perspective view of a keyboard showing the claimed design;

FIG. 2 is an enlarged view of a key shown in FIG. 1;

FIG. 3 is a front view of the keyboard;

FIG. 4 is a rear view thereof;

FIG. 5 is a left side view thereof;

FIG. 6 is a right side view thereof;

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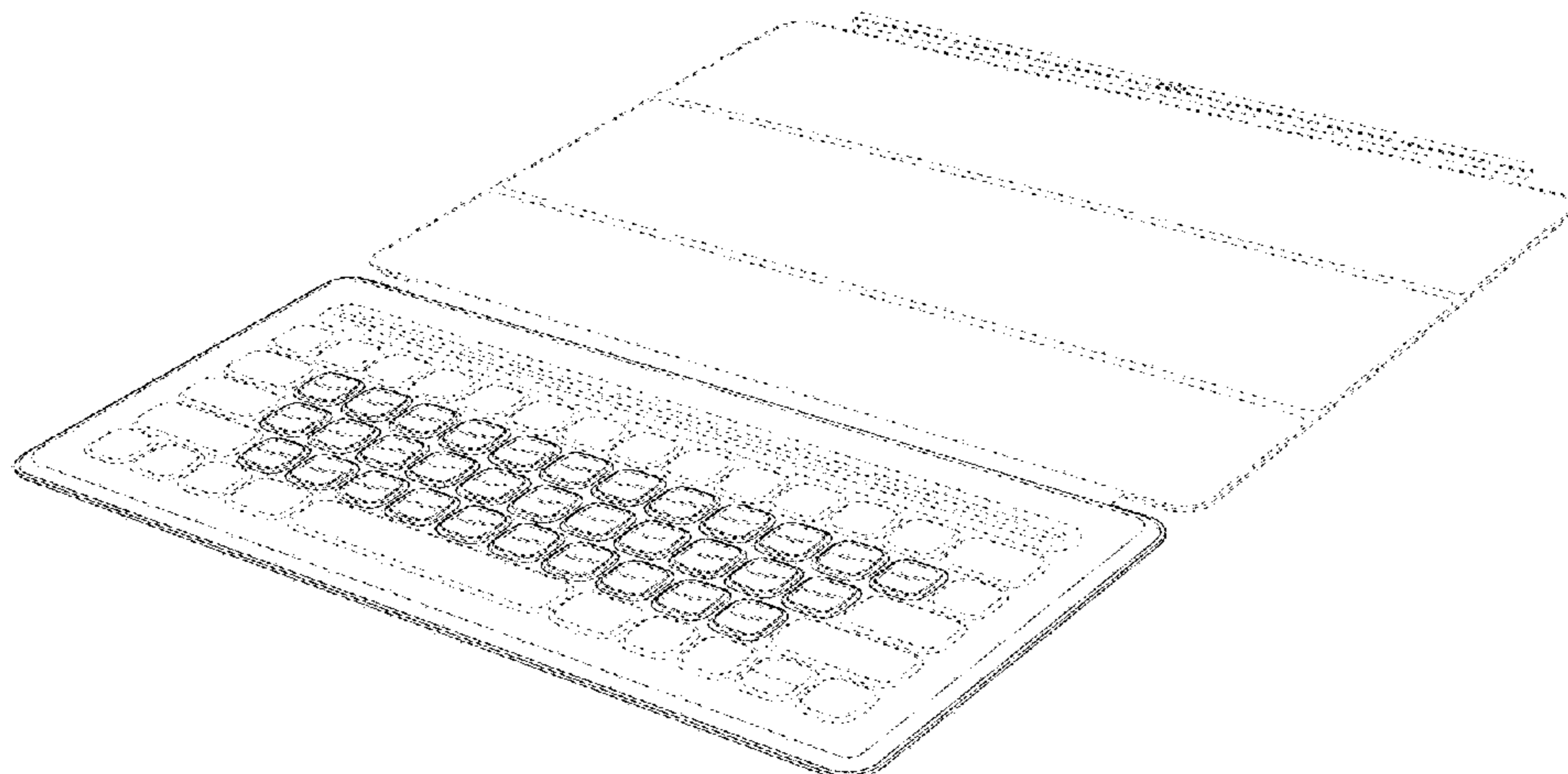


FIG. 7 is a top view thereof; and,  
 FIG. 8 is a bottom view thereof.  
 The dashed broken lines in the figures show portions of the keyboard that form no part of the claimed design.  
 The dot-dash broken lines in the figures show boundaries that form no part of the claimed design.

**1 Claim, 5 Drawing Sheets**

(58) **Field of Classification Search**

CPC .... G06F 3/0202; G06F 3/0205; G06F 3/0219;  
 G06F 3/0221; G06F 3/038; H04L 17/04;  
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See application file for complete search history.

(56) **References Cited**

U.S. PATENT DOCUMENTS

D409,175 S	5/1999	Renk	
5,908,265 A	6/1999	Mostkoff	
D467,429 S	12/2002	Bone et al.	
D481,735 S *	11/2003	Marucci .....	D14/392
6,900,794 B1 *	5/2005	San .....	G06F 3/0219 341/22
D516,079 S	2/2006	Solomon et al.	
D525,980 S	8/2006	Wang et al.	
D581,726 S	12/2008	Shamoon	
D592,211 S	5/2009	Ichise et al.	
D598,451 S *	8/2009	Andre .....	D14/392
D604,300 S *	11/2009	Andre .....	D14/392
D604,736 S *	11/2009	Andre .....	D14/392
D607,826 S	1/2010	Shaw	
D607,827 S	1/2010	Shaw	
D612,843 S	3/2010	Andre et al.	
D637,814 S	5/2011	Akana et al.	
D640,695 S	6/2011	Andre et al.	
D645,471 S	9/2011	Gardner et al.	
8,124,216 B2	2/2012	Antonini	
D656,929 S	4/2012	Hsiung	
D658,186 S	4/2012	Akana et al.	
D671,114 S	11/2012	Akana et al.	
D672,353 S	12/2012	Liu	
D672,781 S	12/2012	Lu	
D674,800 S	1/2013	Kim	
D676,848 S	2/2013	Smith et al.	
D677,668 S	3/2013	Phillips et al.	
D678,260 S	3/2013	Bau	
D678,278 S *	3/2013	Brown .....	D14/391
D678,300 S	3/2013	Groene et al.	
D679,279 S	4/2013	Yang et al.	
D682,832 S	5/2013	Smith et al.	
D682,839 S	5/2013	Sampson et al.	
D685,802 S	7/2013	Canizares et al.	
D688,251 S	8/2013	Akana et al.	
D691,135 S	10/2013	Choi	
D692,902 S	11/2013	Groene et al.	
D695,291 S *	12/2013	Andre .....	D14/392
D695,464 S	12/2013	Hardy	

D696,253 S	12/2013	Akana et al.	
D696,254 S	12/2013	Groene et al.	
D696,262 S	12/2013	Groene et al.	
D704,702 S	5/2014	Akana et al.	
D705,227 S	5/2014	Groene et al.	
D706,270 S	6/2014	Akana et al.	
D714,791 S	10/2014	Liu	
D720,355 S	12/2014	Akana et al.	
D720,747 S	1/2015	Kim et al.	
D720,748 S	1/2015	Groene et al.	
D727,324 S *	4/2015	King .....	D14/392
D731,485 S	6/2015	Kim et al.	
D731,486 S	6/2015	Kim et al.	
D735,205 S	7/2015	Akana et al.	
D735,212 S	7/2015	Son	
D740,113 S	10/2015	Olenick	
D740,298 S	10/2015	Son et al.	
D740,831 S	10/2015	Colby	
D742,740 S	11/2015	Kim et al.	
D746,819 S	1/2016	Feiz et al.	
D750,079 S	2/2016	Chen et al.	
D750,081 S	2/2016	Jeong et al.	
D750,095 S	2/2016	Jeong et al.	
D750,629 S	3/2016	Kim et al.	
D751,553 S	3/2016	Kim et al.	
D751,567 S	3/2016	Seoc et al.	
D753,648 S	4/2016	Shyu et al.	
D754,652 S	4/2016	Roberts et al.	
D757,023 S *	5/2016	Bowers .....	D14/455
D761,267 S	7/2016	Chen et al.	
D765,630 S	9/2016	Harata et al.	
D772,885 S *	11/2016	Akana .....	D14/455
D775,133 S	12/2016	Akana et al.	
D776,116 S	1/2017	Akana et al.	
D779,485 S *	2/2017	Akana .....	D14/345
D779,489 S *	2/2017	Akana .....	D14/392
D780,800 S *	3/2017	Bi .....	D14/486
2007/0121311 A1	5/2007	Chou	
2008/0266782 A1	10/2008	Zhang	
2009/0159763 A1	6/2009	Kim	
2009/0283393 A1	11/2009	Chen et al.	
2011/0042195 A1	2/2011	Tsai	
2012/0140396 A1	6/2012	Zeliff et al.	
2012/0194448 A1	8/2012	Rothkopf	
2012/0261289 A1	10/2012	Wyner et al.	
2014/0158645 A1	6/2014	Thomas	
2014/0186085 A1	7/2014	Zhang	
2016/0018854 A1	1/2016	Yu et al.	
2016/0119011 A1	4/2016	Thompson et al.	

FOREIGN PATENT DOCUMENTS

JP	D1537210	9/2015
JP	D1547736	11/2016
KR	30-0779797	1/2015

OTHER PUBLICATIONS

Belkin International, Inc., "Belkin Expands Keyboard Lineup to New Apple iPad Mini," dated Nov. 14, 2012.

\* cited by examiner

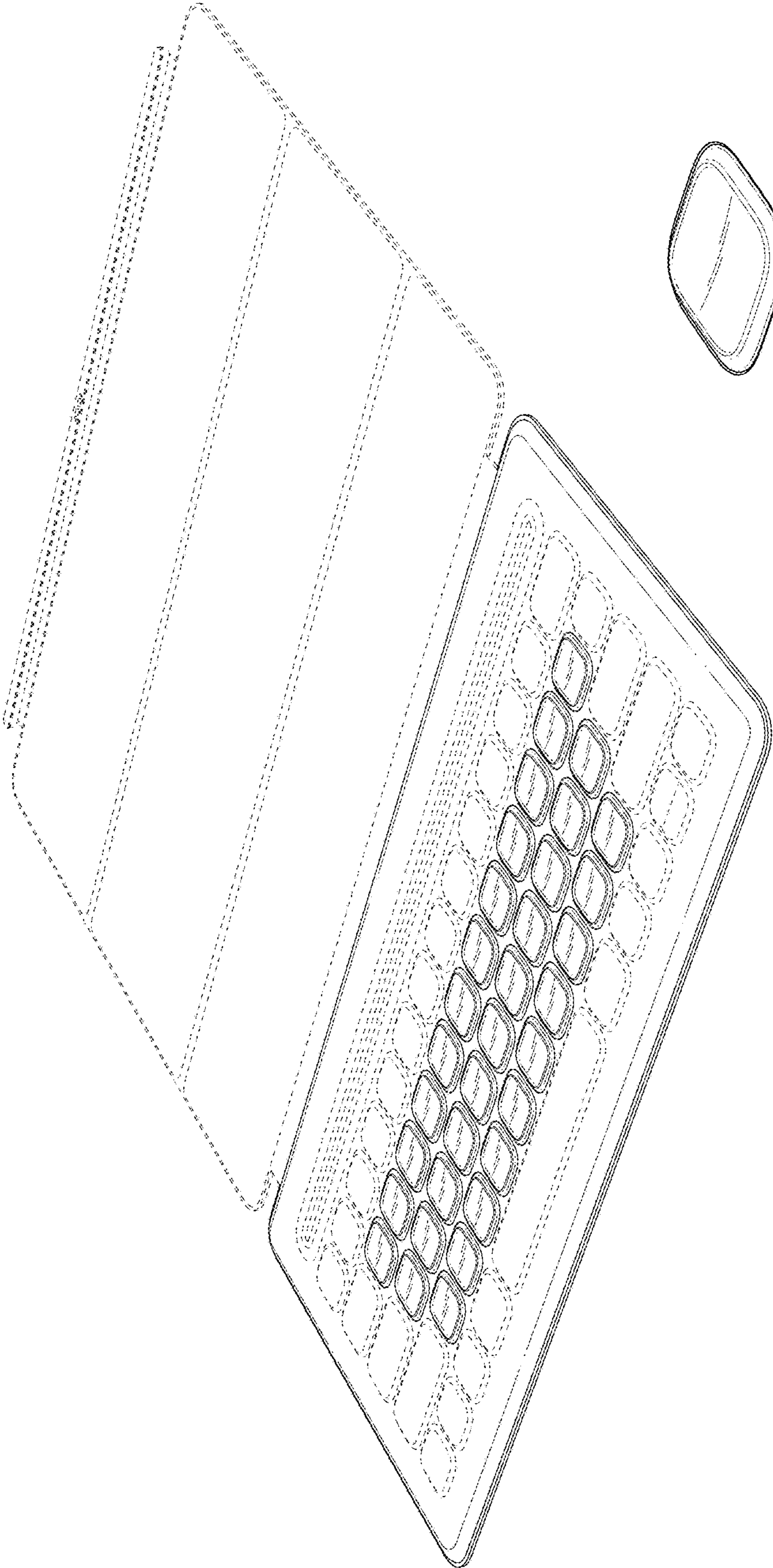


FIG. 1

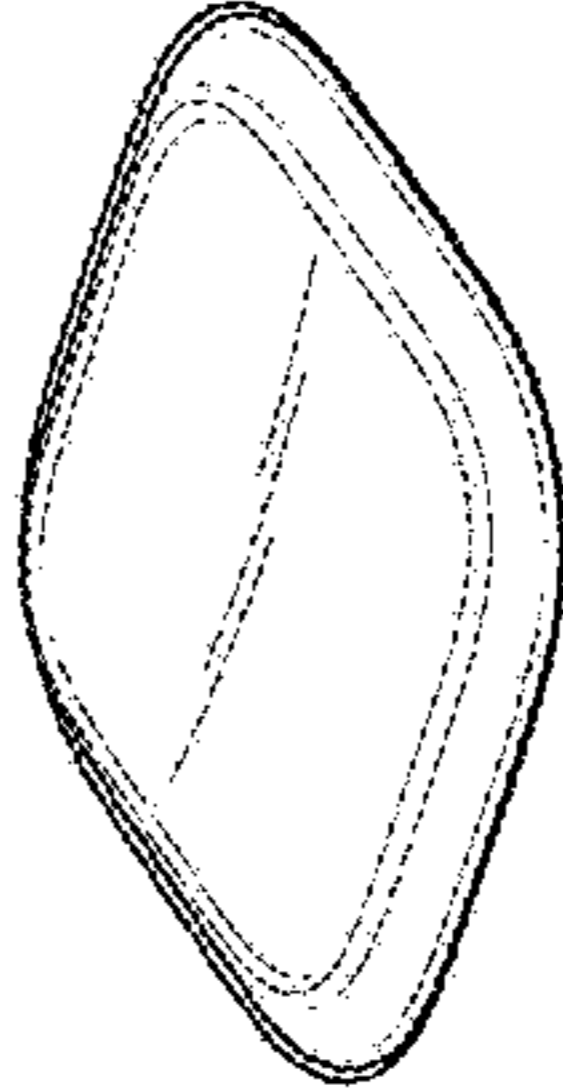
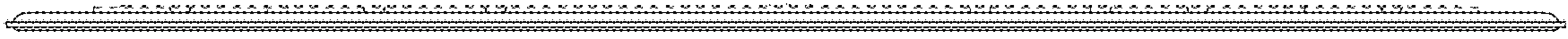
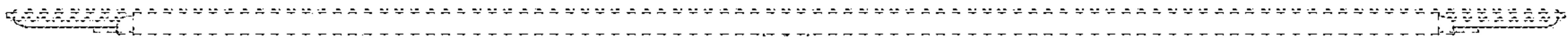


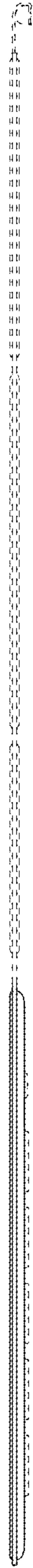
FIG. 2



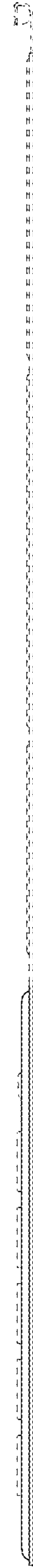
**FIG. 3**



**FIG. 4**



**FIG. 5**



**FIG. 6**

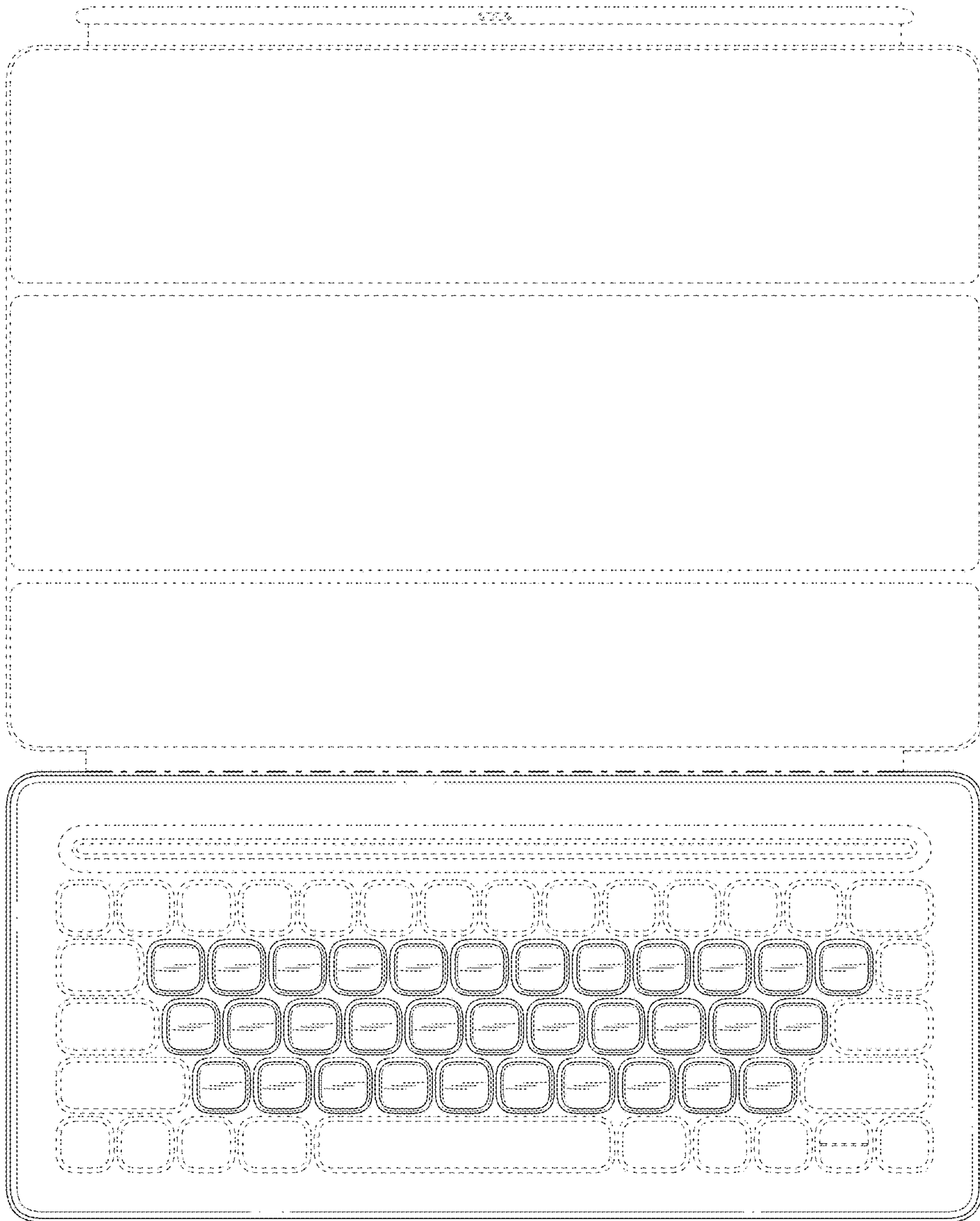


FIG. 7

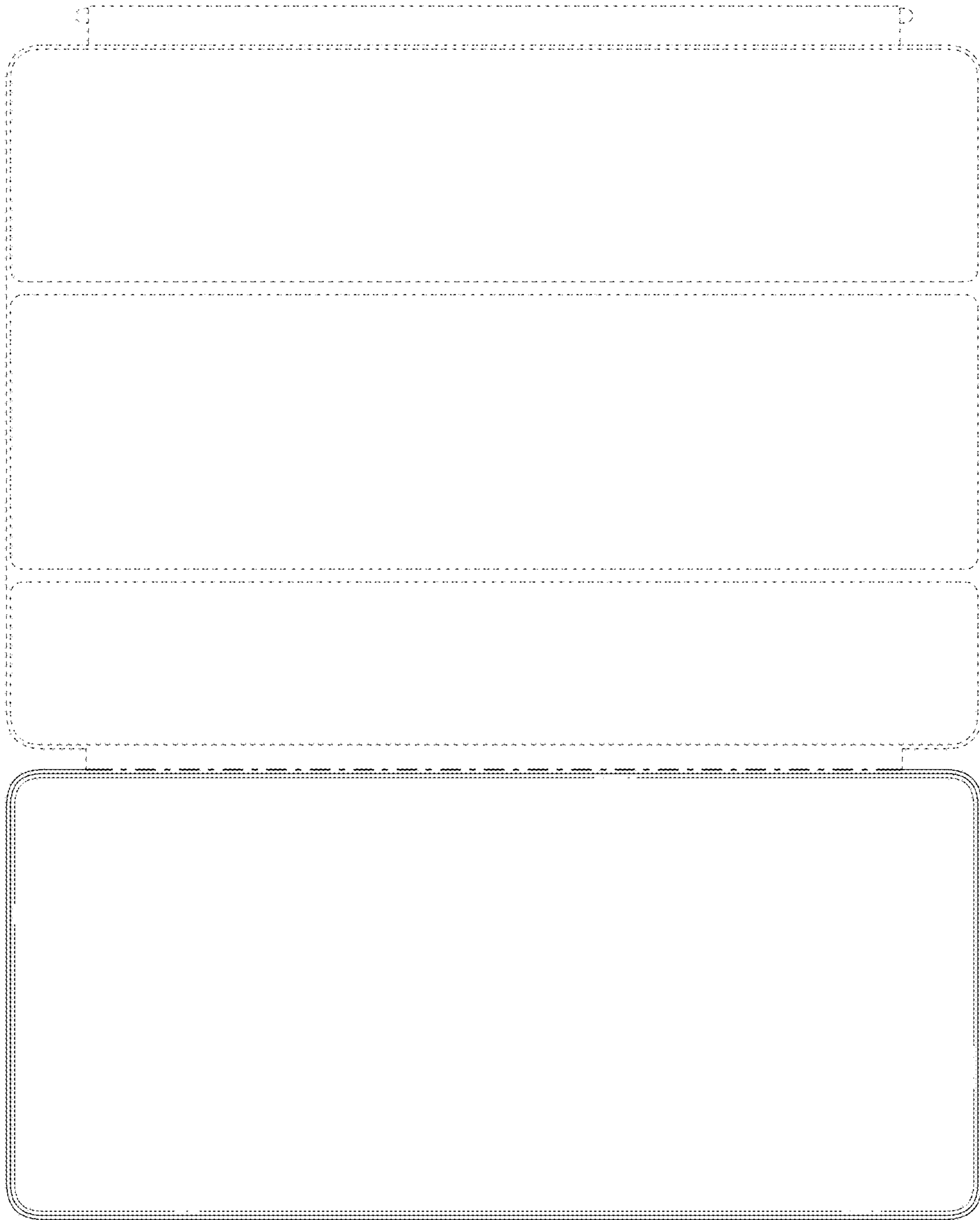


FIG. 8