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

(10) **Patent No.:** **US D1,018,541 S**

(45) **Date of Patent:** **** Mar. 19, 2024**

- (54) **KEYBOARD**
- (71) Applicant: **Harold Eugene Collier**, Mankato, MN (US)
- (72) Inventor: **Harold Eugene Collier**, Mankato, MN (US)
- (**) Term: **15 Years**
- (21) Appl. No.: **29/822,004**

6,323,845 B1 * 11/2001 Robbins G06F 3/0213
345/173

6,443,643 B1 9/2002 Camacho et al.
8,083,424 B2 12/2011 Camacho et al.

(Continued)

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- (22) Filed: **Jan. 5, 2022**
- (51) **LOC (14) Cl.** **14-02**
- (52) **U.S. Cl.**
USPC **D14/393**

(57) **CLAIM**
The ornamental design for a keyboard, as shown and described.

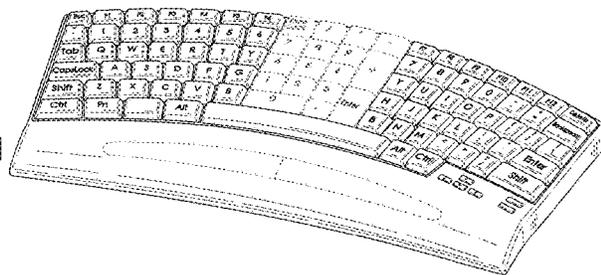
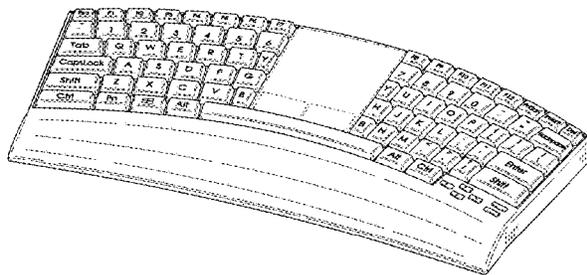
- (58) **Field of Classification Search**
USPC D14/299, 300, 331, 338, 356, 388, 390,
D14/391, 392, 393, 394, 395, 396, 397,
D14/398, 399, 400, 401, 454, 455, 456,
D14/457; D18/1, 2, 7, 12.2, 52
CPC G06F 3/02; G06F 3/0202; G06F 3/0208;
G06F 3/0213; G06F 3/0216; G06F
3/0219; G06F 3/0221; G06F 3/0231;
G06F 1/1662; G06F 1/1666; G06F
1/1669; H01H 13/70; H01H 13/705;
H01H 13/83; H01H 13/84; H01H 13/86;
H01H 2223/052; H01H 2223/04
See application file for complete search history.

DESCRIPTION

FIG. 1 is a perspective front view of a first embodiment of a keyboard.
 FIG. 2 is rear view of the keyboard of FIG. 1.
 FIG. 3 is a side view of the keyboard of FIG. 1.
 FIG. 4 is top view of the keyboard of FIG. 1.
 FIG. 5 is bottom view of the keyboard of FIG. 1.
 FIG. 6 is a perspective front view of a second embodiment of a keyboard.
 FIG. 7 is a rear view of the keyboard of FIG. 6.
 FIG. 8 is a side view of the keyboard of FIG. 6.
 FIG. 9 is a front view of the keyboard of FIG. 6.
 FIG. 10 is bottom view of the keyboard of FIG. 6.
 FIG. 11 is perspective front view of a third embodiment of a keyboard.
 FIG. 12 is a rear view of the keyboard of FIG. 11.
 FIG. 13 is a side view of the keyboard of FIG. 11.
 FIG. 14 is a top view of the keyboard of FIG. 11.
 FIG. 15 is a bottom view of the keyboard of FIG. 11; and,
 FIG. 16 is a perspective front view of a fourth embodiment of a keyboard.
 Dot-Dash broken lines seen in the drawings depict the boundary of the claim. Dashed broken lines seen in the drawings depict portions of the keyboard that form no part of the claimed design.

- (56) **References Cited**
U.S. PATENT DOCUMENTS
5,073,050 A * 12/1991 Andrews A47B 21/0371
400/489
5,145,270 A 9/1992 Darden
5,360,280 A * 11/1994 Camacho B41J 5/10
400/489
5,416,498 A 5/1995 Grant
5,553,953 A 9/1996 Hernan et al.
D413,319 S * 8/1999 Louis D14/393
6,241,406 B1 * 6/2001 Yan G06F 3/0219
400/489

1 Claim, 13 Drawing Sheets



(56)

References Cited

U.S. PATENT DOCUMENTS

D656,939	S *	4/2012	Prokop	D14/393
8,427,428	B2	4/2013	Linegar et al.	
8,681,102	B2	3/2014	Edenborough	
D738,377	S *	9/2015	Rybkin	D14/391
9,182,829	B2	11/2015	Linegar et al.	
9,501,156	B2	11/2016	Linegar et al.	
D873,835	S *	1/2020	Chan	D14/455
2006/0291946	A1	12/2006	Odell et al.	
2011/0050581	A1 *	3/2011	Steenfeldt Berg	G06F 1/169
				345/168
2012/0301201	A1 *	11/2012	Atzmon	G06F 3/0216
				400/481
2020/0142502	A1 *	5/2020	Wilson, Jr.	G06F 3/0216
2021/0142967	A1 *	5/2021	Drory	G06F 3/0202
2022/0404918	A1 *	12/2022	Collier	H01H 13/702

* cited by examiner

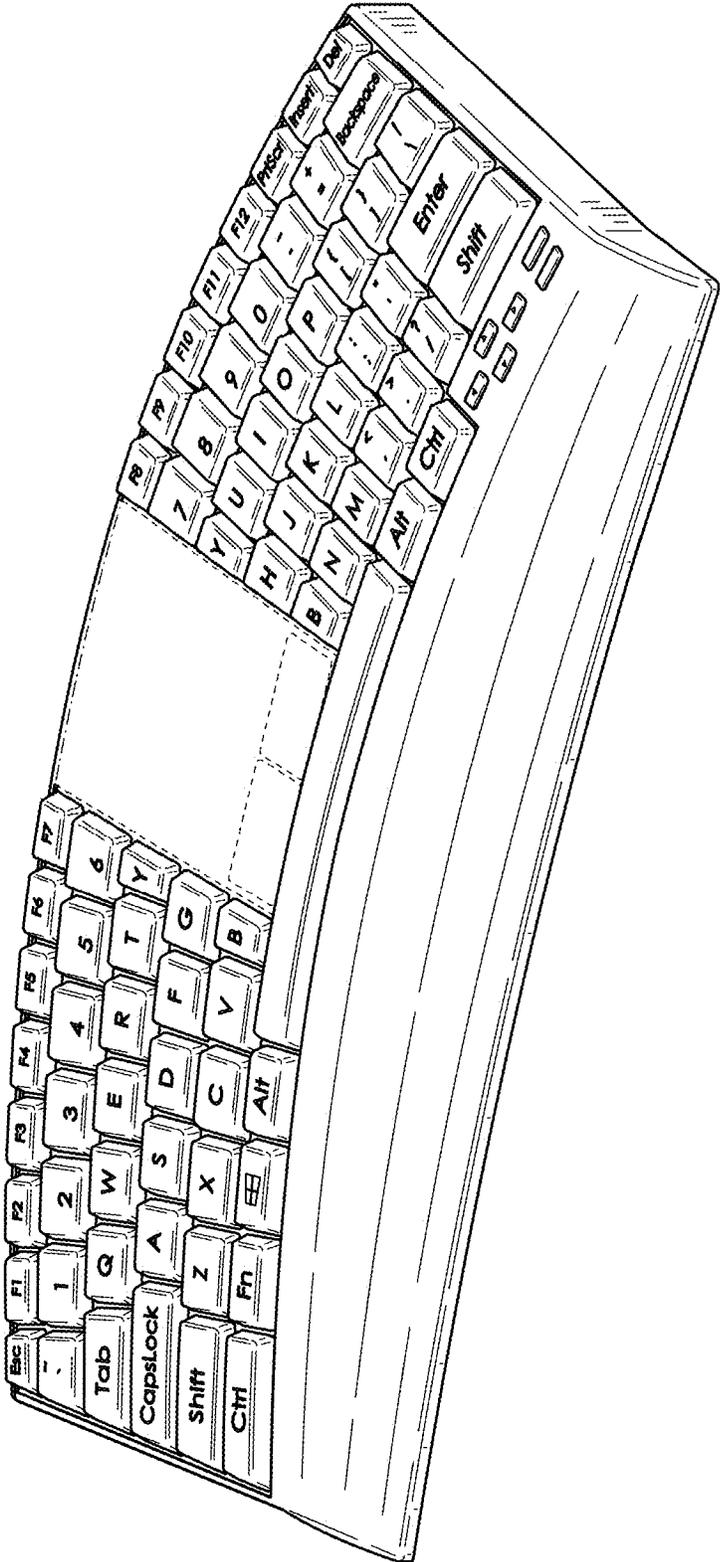


FIG. 1

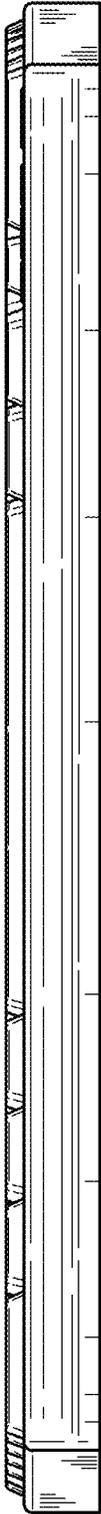


FIG. 2

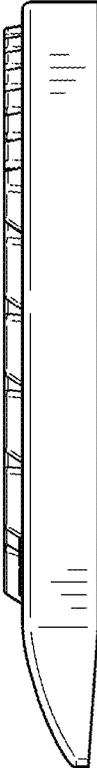


FIG. 3

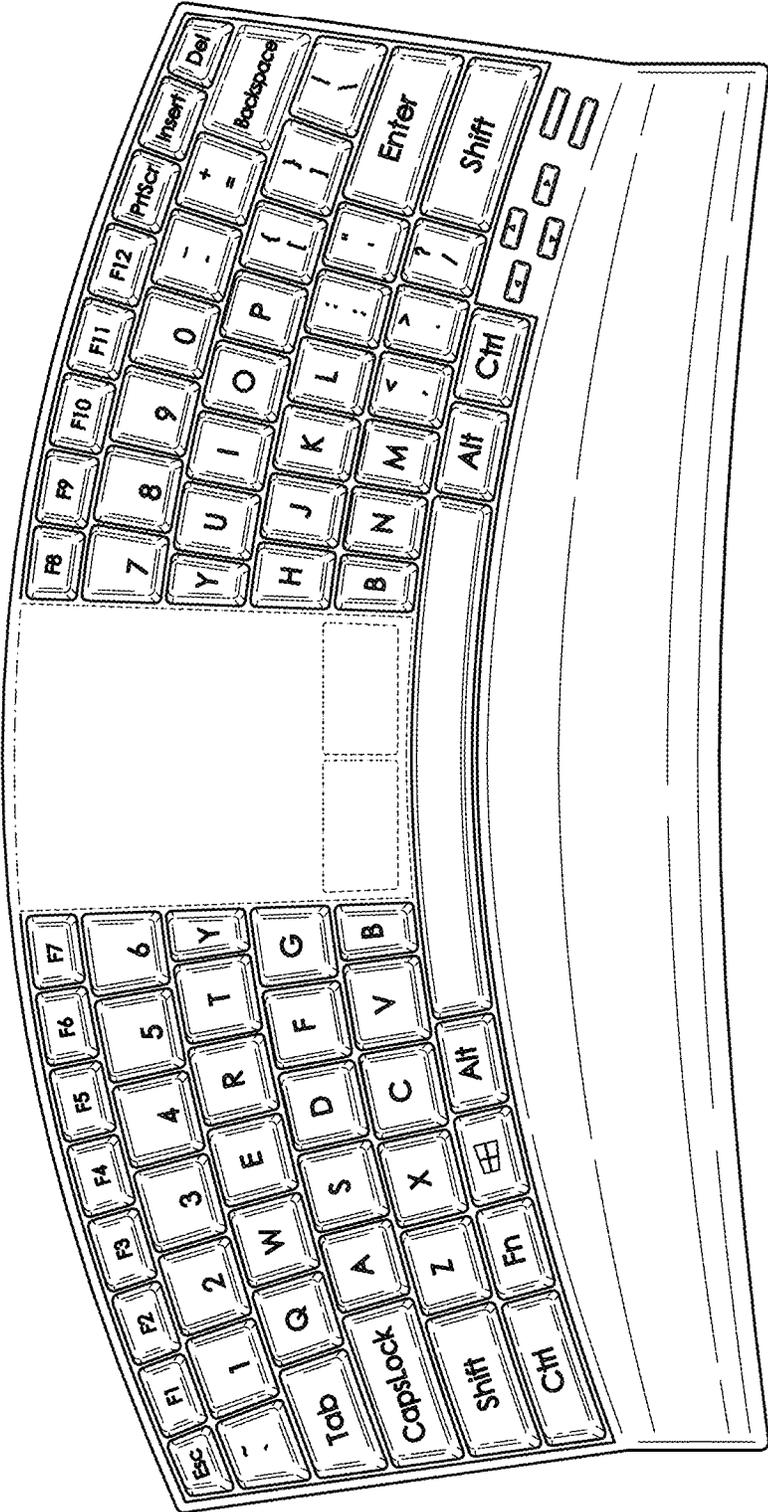


FIG. 4

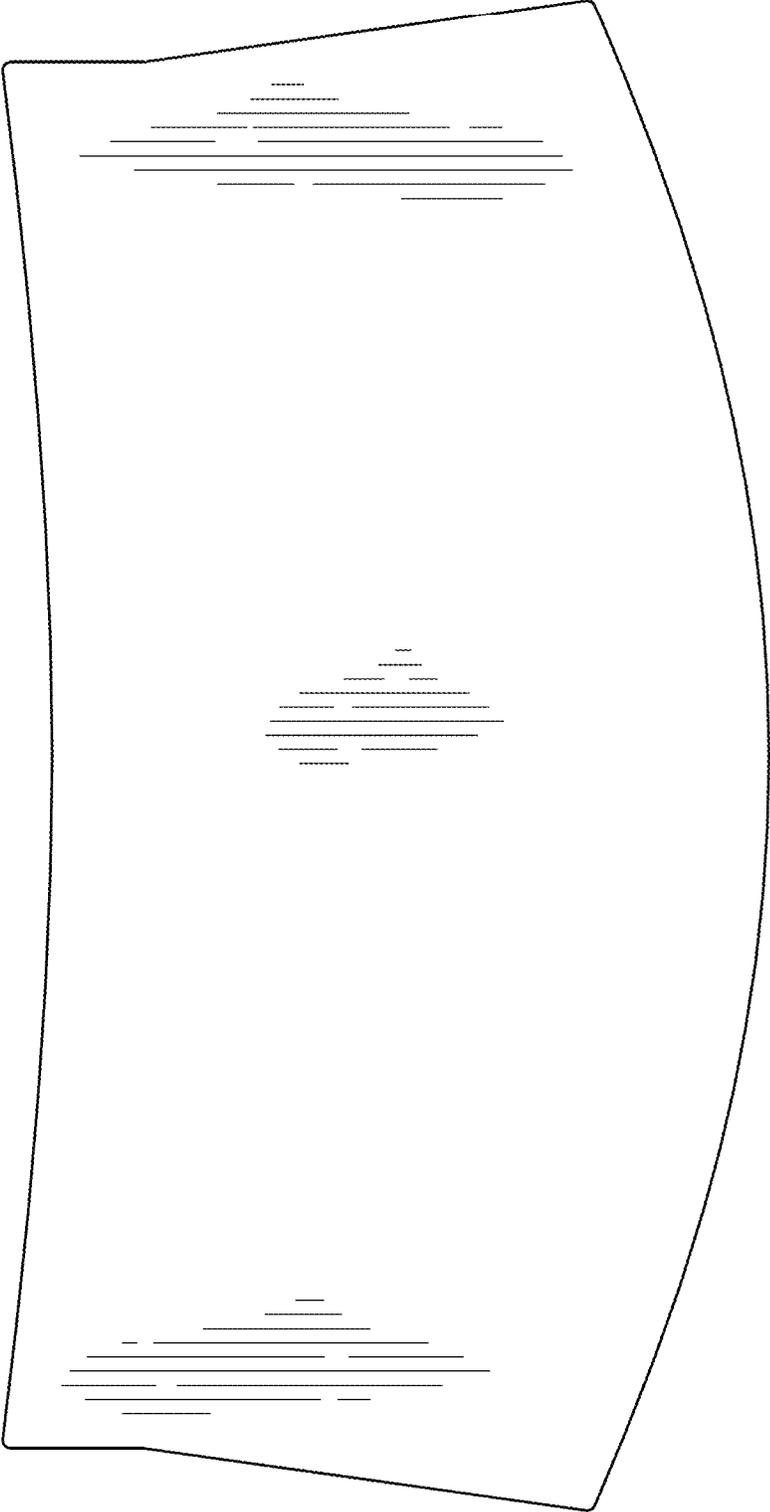


FIG. 5

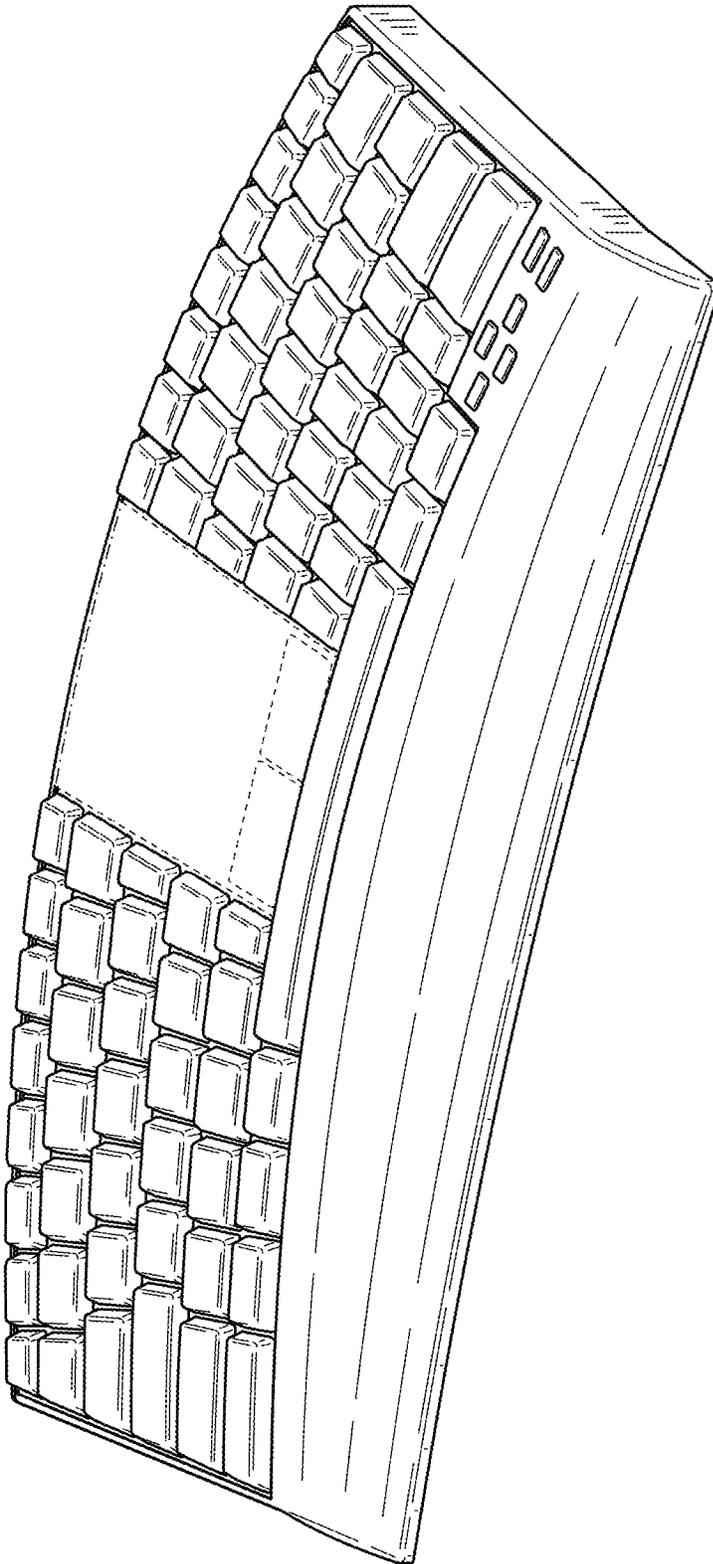


FIG. 6

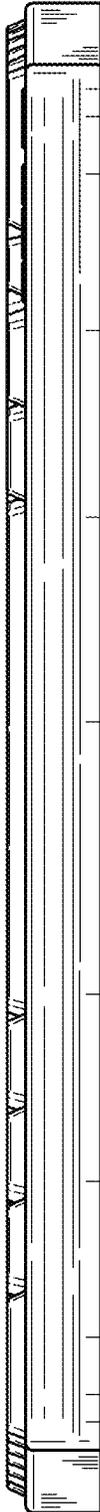


FIG. 7



FIG. 8

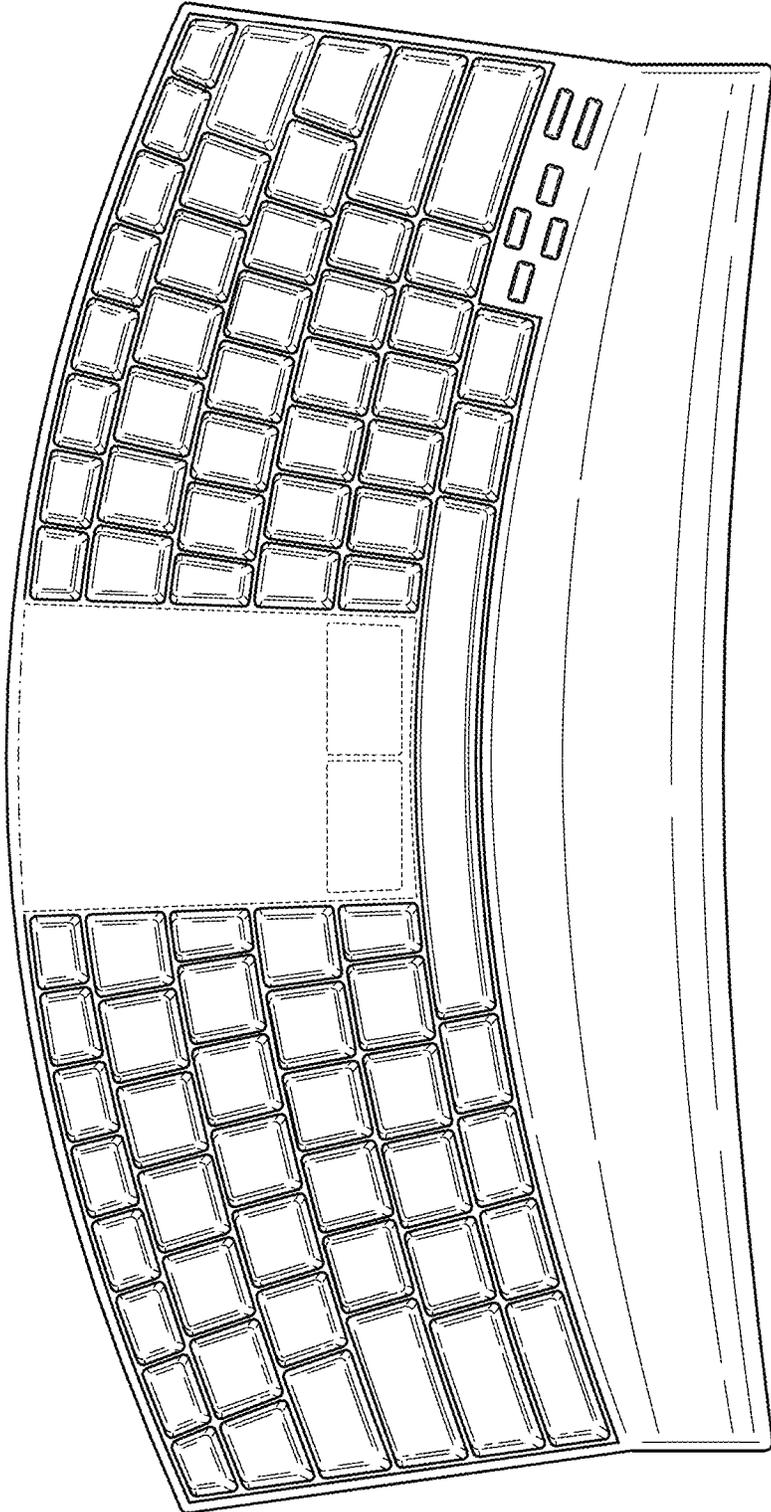


FIG. 9

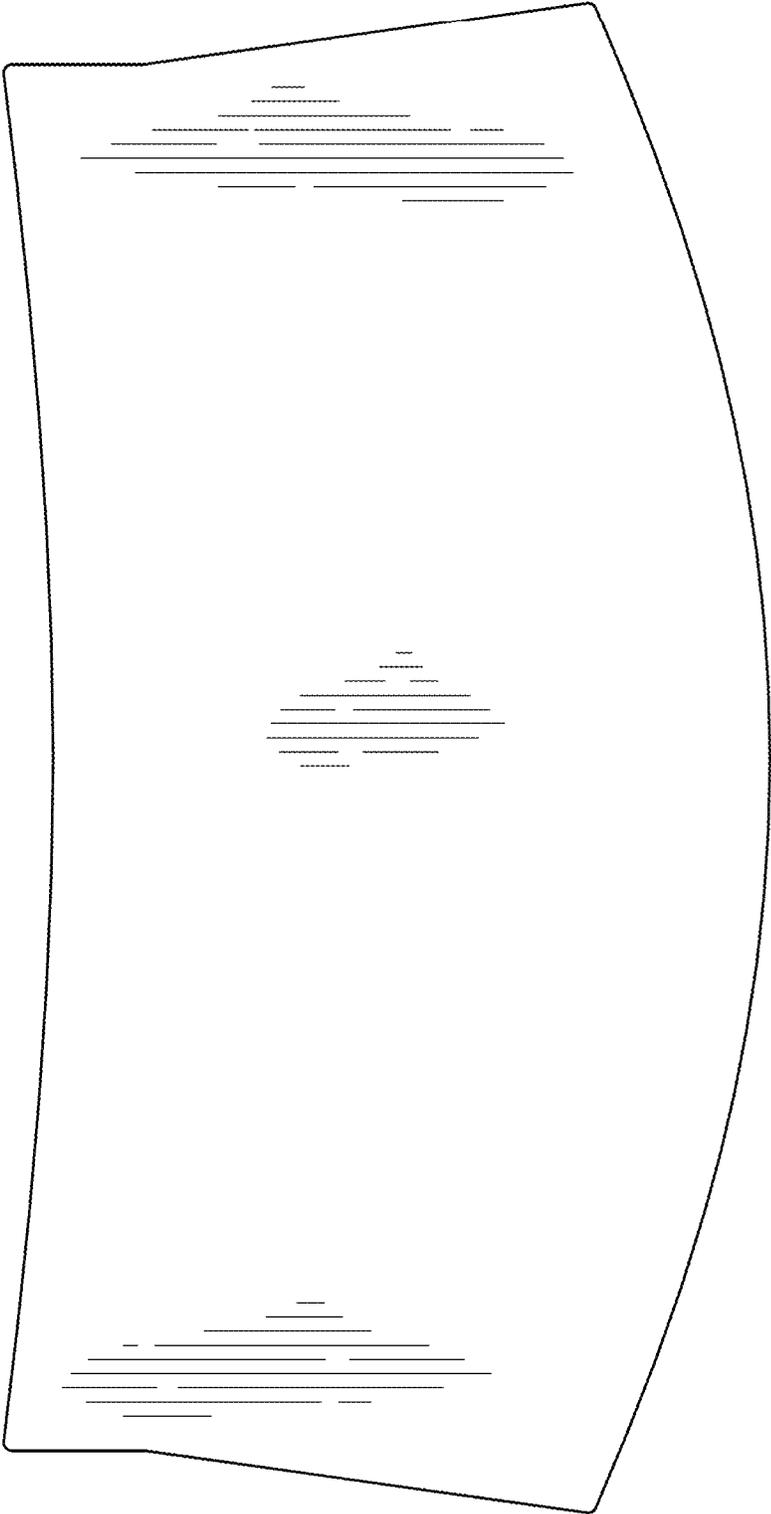


FIG. 10

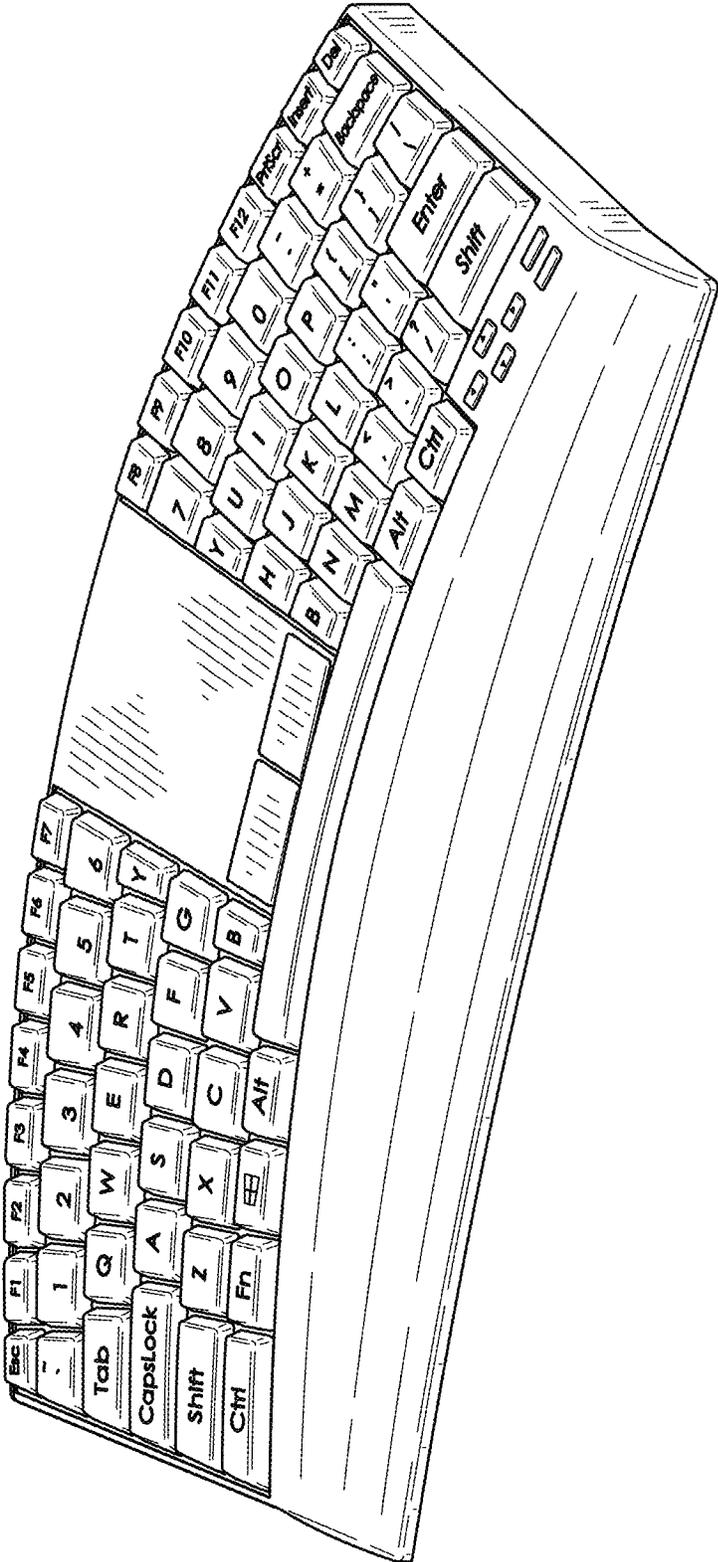


FIG. 11

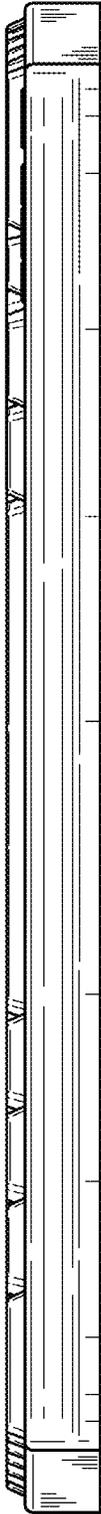


FIG. 12

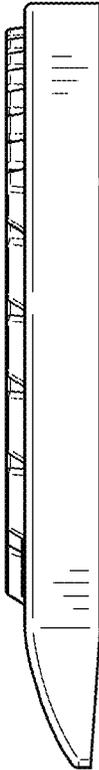


FIG. 13

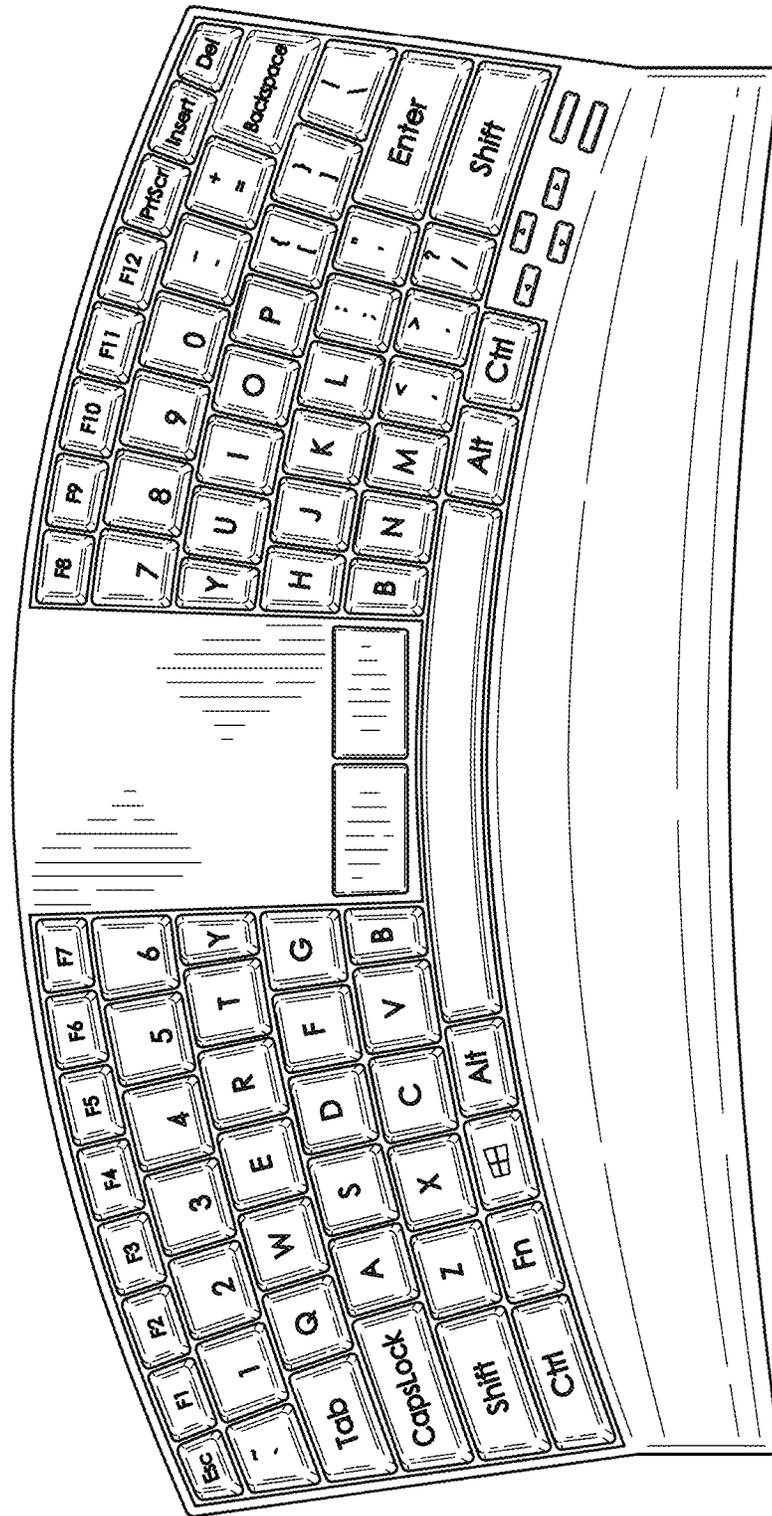


FIG. 14

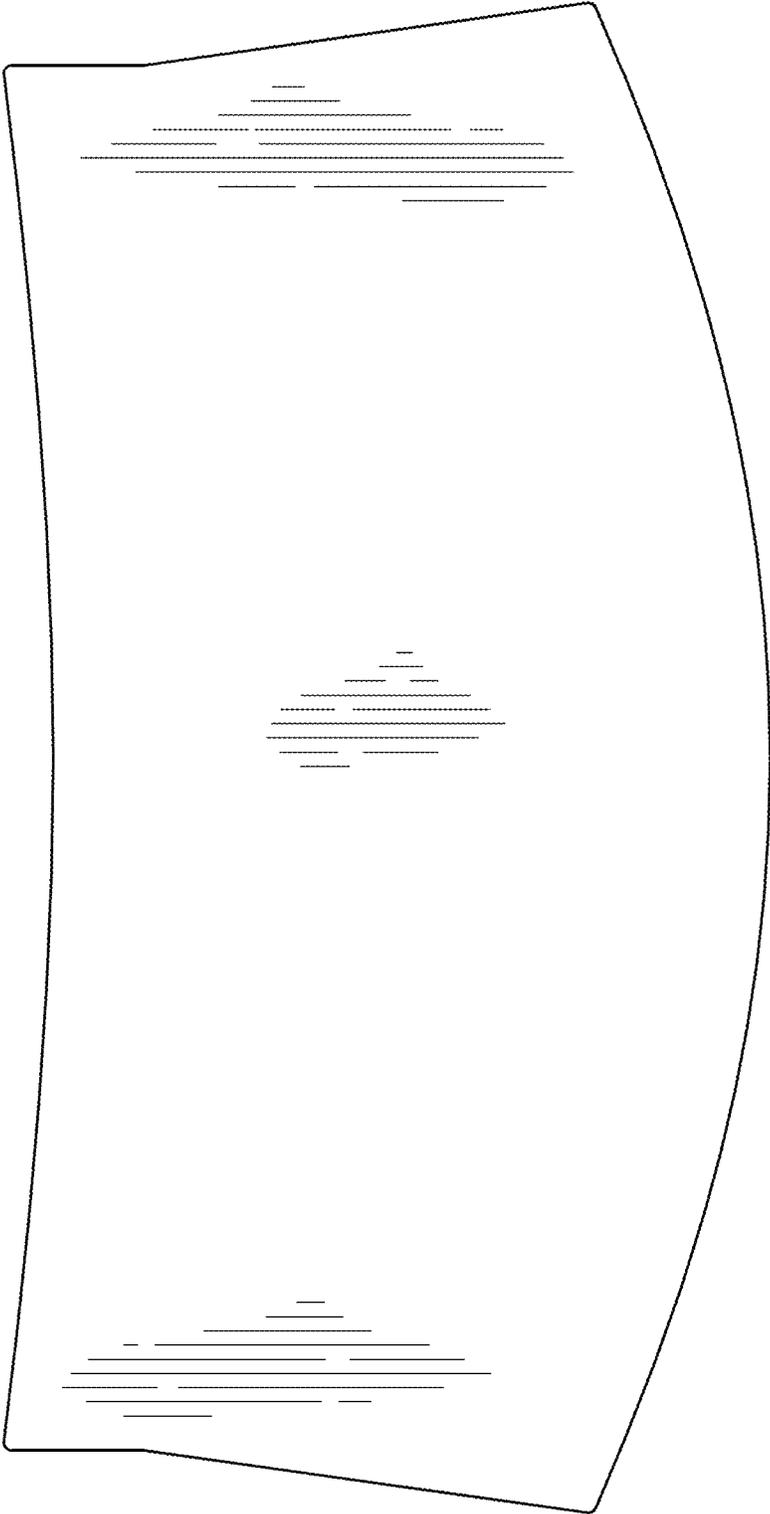


FIG. 15

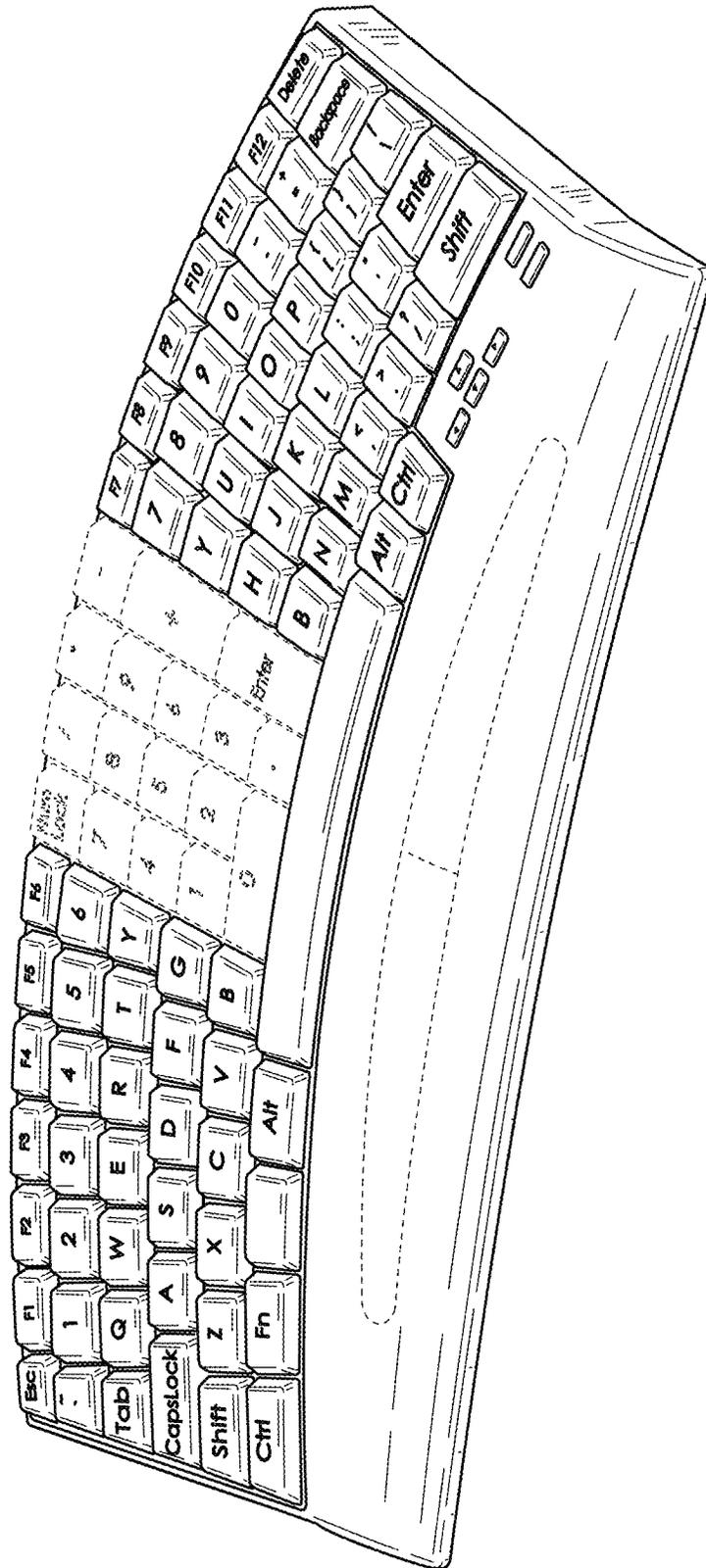


FIG. 16