



US00D678881S

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

(10) **Patent No.:** **US D678,881 S**
(45) **Date of Patent:** **** Mar. 26, 2013**

(54) **INPUT DEVICE WITH COUPLING**

(75) Inventors: **Ralf Groene**, Kirkland, WA (US); **Hua Wang**, Sammamish, WA (US); **Anthony Reed**, Sammamish, WA (US); **Summer Schneider**, Seattle, WA (US); **Karsten Aagaard**, Monroe, WA (US)

(73) Assignee: **Microsoft Corporation**, Redmond, WA (US)

(**) Term: **14 Years**

(21) Appl. No.: **29/422,125**

(22) Filed: **May 16, 2012**

(51) **LOC (9) Cl.** **14-02**

(52) **U.S. Cl.** **D14/391**

(58) **Field of Classification Search** D14/240,
D14/391–399, 443, 455, 456, 433; D18/1,
D18/2, 7, 11; 178/17 A, 17 C; 200/5 A,
200/5 R, 6 A, 6 R; 235/145 A, 145 R; 341/20–23;
345/156, 160, 168, 169, 173, 700; 361/679.08,
361/679.09; 400/484–489, 492, 472; D13/123,
D13/133

See application file for complete search history.

(56) **References Cited**

U.S. PATENT DOCUMENTS

D319,632 S *	9/1991	Heimbürger		D14/398
D365,334 S *	12/1995	Peart		D14/422
D386,754 S *	11/1997	Gifford et al.		D14/396
5,793,359 A *	8/1998	Ushikubo		345/169
6,129,270 A *	10/2000	Piazza		235/379
6,312,175 B1 *	11/2001	Lum		400/472
6,439,785 B1	8/2002	Liu		
D462,354 S	9/2002	Kimbré		
6,882,524 B2	4/2005	Ulla et al.		
D504,889 S	5/2005	Andre et al.		
6,947,031 B2	9/2005	Sandbach et al.		
D516,080 S	2/2006	Sakamoto		
D517,068 S	3/2006	Sakamoto		
D517,552 S	3/2006	Sakamoto		
D521,513 S *	5/2006	Neal et al.		D14/392
D522,013 S	5/2006	Sakamoto		
7,102,614 B2	9/2006	Sandbach et al.		
7,154,452 B2	12/2006	Nakamura		

D537,831 S *	3/2007	Steiner et al.		D14/456
D544,490 S *	6/2007	O'Neil		D14/455
D544,862 S	6/2007	Amiri		
7,342,776 B1	3/2008	Chan		
D567,240 S	4/2008	Griffin		
7,440,267 B2	10/2008	Tatsukami		
D584,304 S	1/2009	Lin		
D603,398 S	11/2009	Watson		
D627,777 S	11/2010	Akana et al.		
D638,833 S	5/2011	Chuang		
D638,836 S	5/2011	Daniel		
D650,380 S	12/2011	Ballout		
D653,665 S	2/2012	Maruyama		
D658,186 S	4/2012	Akana et al.		
D658,187 S	4/2012	Diebel		
D658,188 S	4/2012	Diebel		

(Continued)

FOREIGN PATENT DOCUMENTS

EM 001911983 2/2011

Primary Examiner — Freda S Nunn

(74) *Attorney, Agent, or Firm* — Banner & Witcoff, Ltd.

(57) **CLAIM**

The ornamental design for an input device with coupling, as shown and described.

DESCRIPTION

FIG. 1 is a top isometric view of an input device with coupling showing our new design;

FIG. 2 is a top view thereof;

FIG. 3 is a left side view thereof;

FIG. 4 is a right side view thereof;

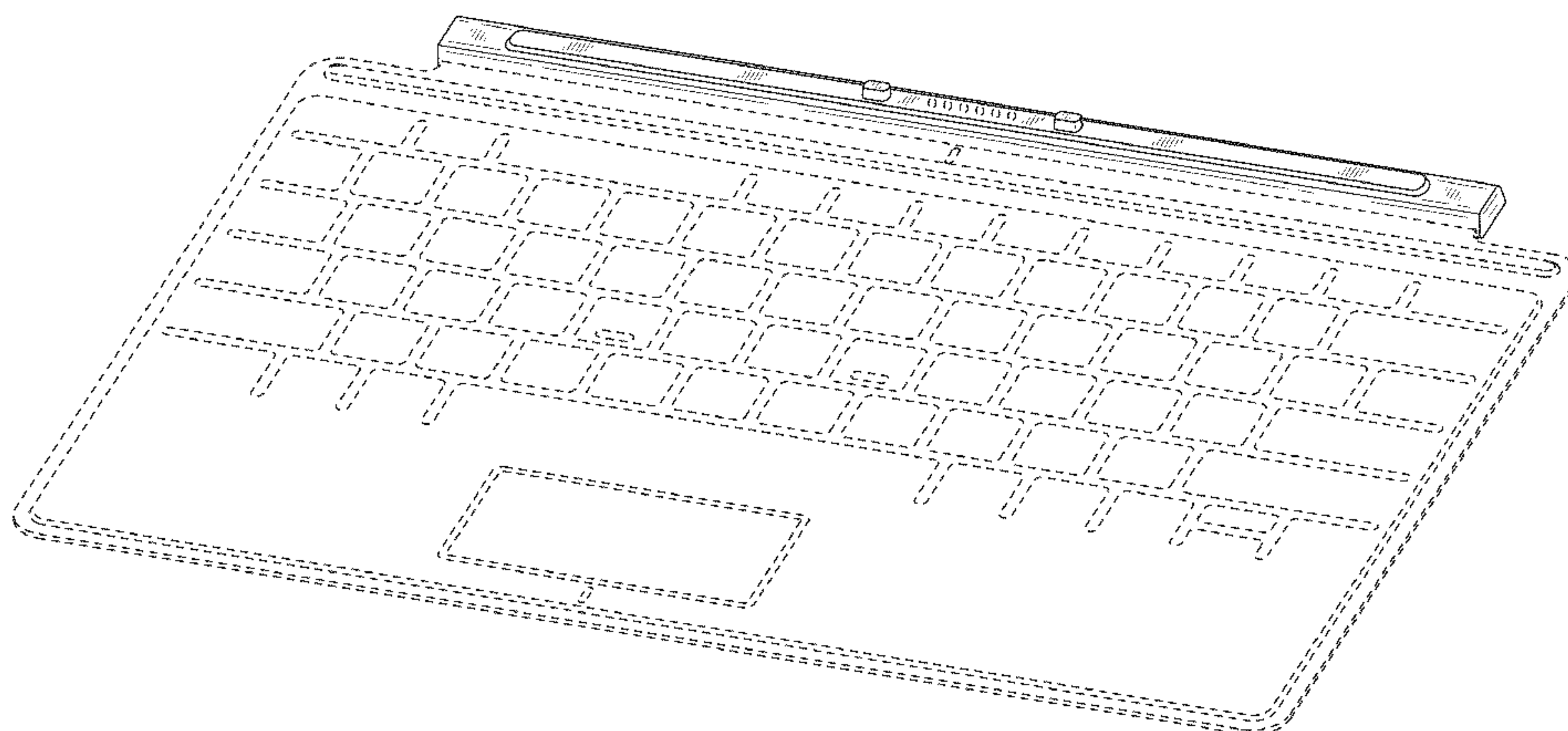
FIG. 5 is a rear view thereof;

FIG. 6 is a front view thereof; and,

FIG. 7 is an enlarged top view of a center portion shown in FIG. 2.

The broken line immediately adjacent to the shaded area represents an unclaimed boundary of the design. The broken lines showing the six circular features within the claimed region and the broken line showing of the remainder of the input device are for environmental purposes only and form no part of the claimed design.

1 Claim, 4 Drawing Sheets



US D678,881 S

Page 2

U.S. PATENT DOCUMENTS					
D659,139 S	5/2012	Gengler	2005/0052831 A1	3/2005	Chen
D663,304 S	7/2012	Akana et al.	2007/0097087 A1	5/2007	Homer
D669,069 S	10/2012	Akana et al.	2012/0140396 A1	6/2012	Zeliff
D669,468 S	10/2012	Akana et al.	2012/0194448 A1	8/2012	Rothkopf
D670,286 S	11/2012	Akana et al.	* cited by examiner		

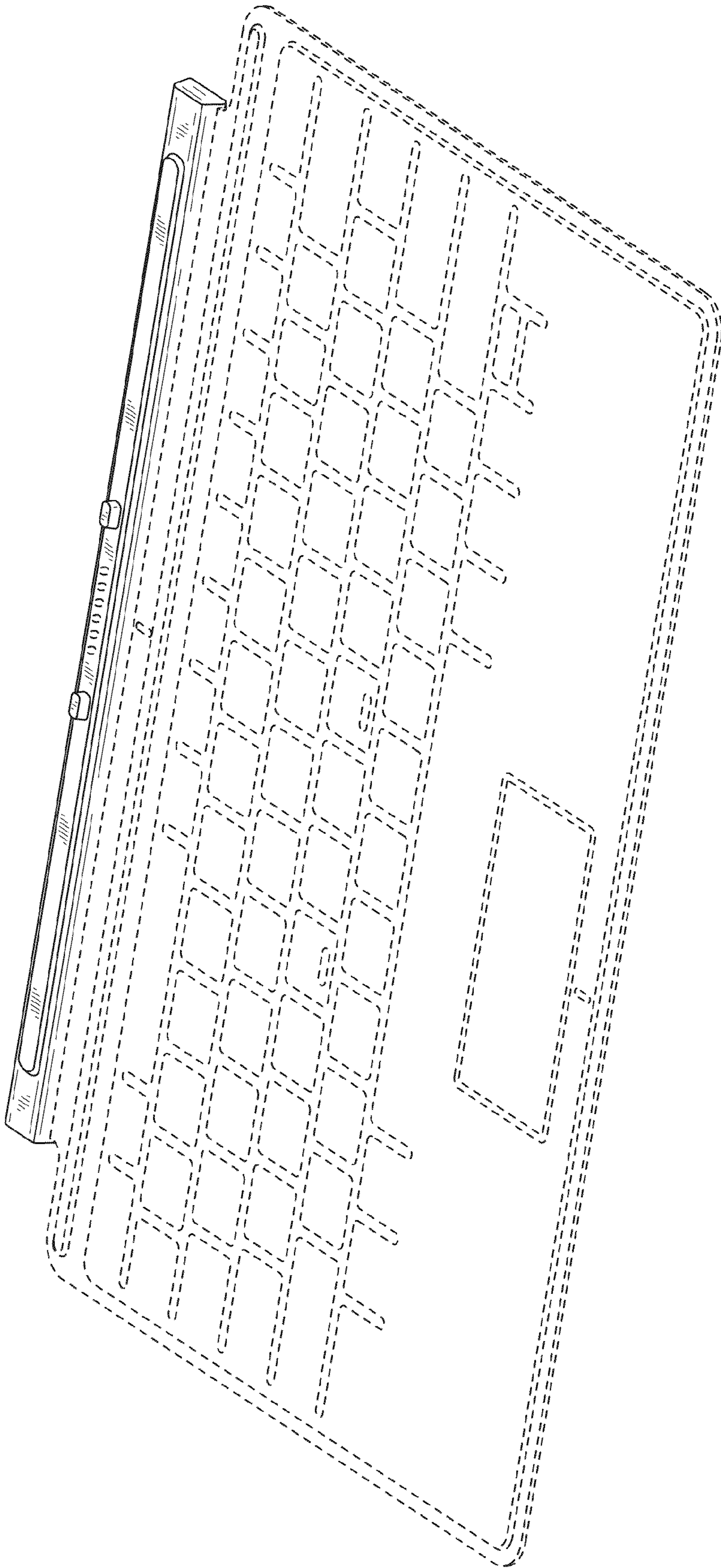


FIG. 1

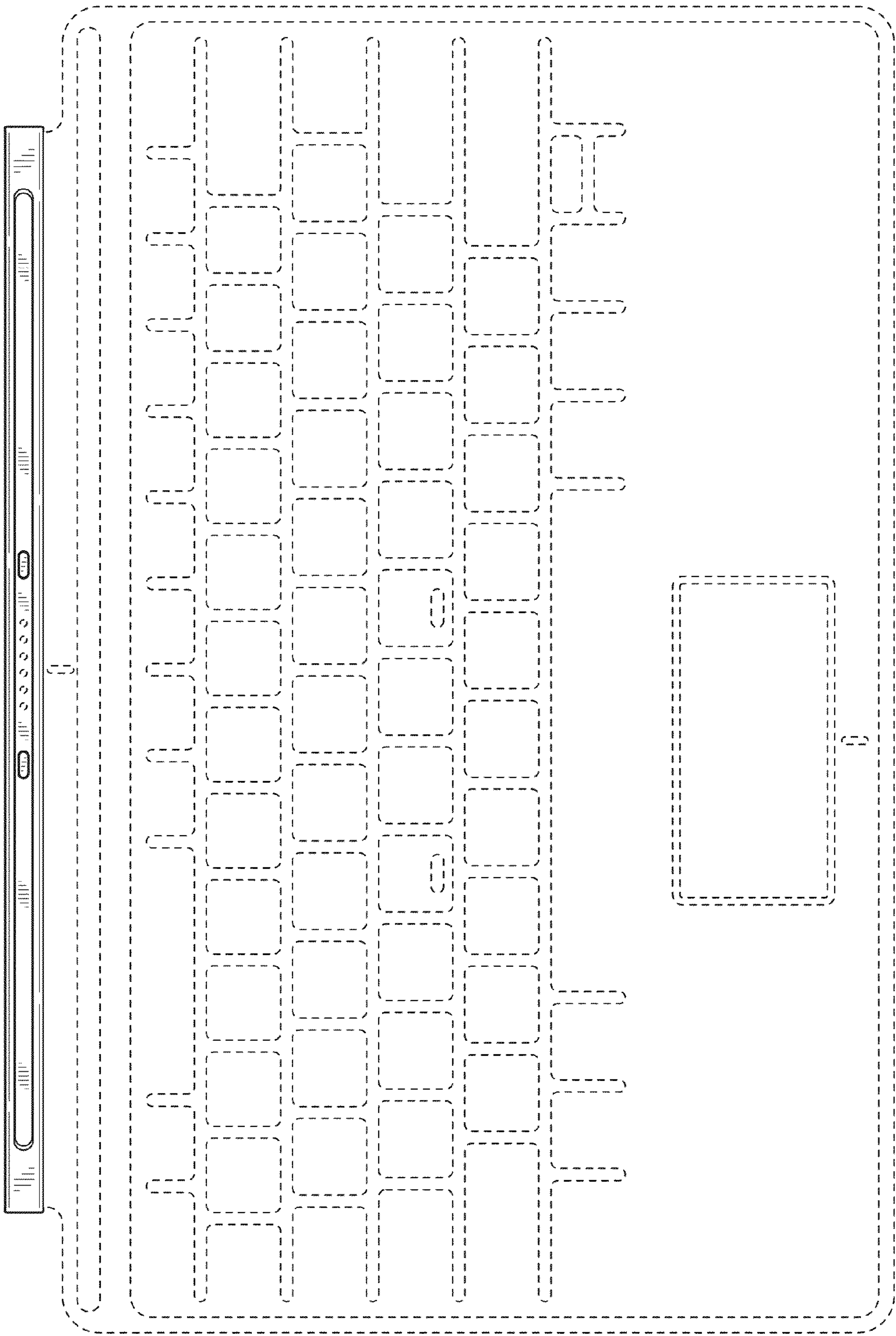


FIG. 2



FIG. 3



FIG. 4



FIG. 5



FIG. 6

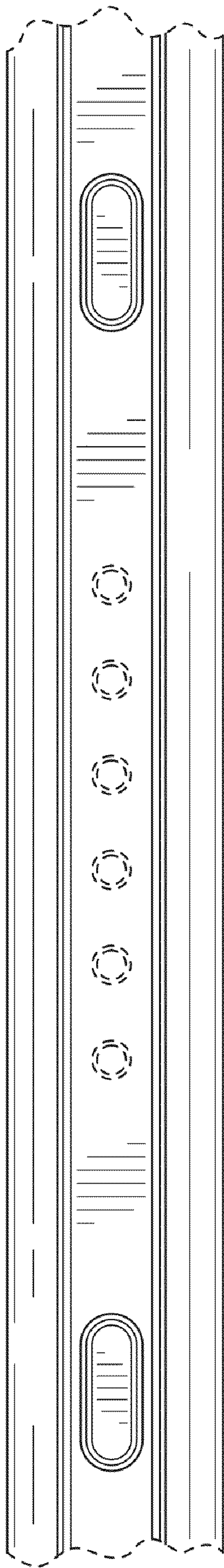


FIG. 7