

US00D842924S

(12) United States Design Patent (10) Patent No.:

Rosenberg et al.

US D842,924 S

(45) **Date of Patent:**

** Mar. 12, 2019

TOUCH SENSOR DRUM KEYBOARD

Applicant: Sensel, Inc., Mountain View, CA (US)

Inventors: Ilya Daniel Rosenberg, Mountain View, CA (US); John Aaron Zarraga, San Francisco, CA (US); Stephanie Wanti Lim, Los Altos Hills, CA (US); Reuben Eric Martinez, Gilroy, CA (US); Brogan Carl Miller, Davis, CA

(US); Tomer Moscovich, San

Francisco, CA (US)

Assignee: Sensel, Inc., Sunnyvale, CA (US) (73)

15 Years Term:

Appl. No.: 29/591,295

Jan. 18, 2017 (22)Filed:

Related U.S. Application Data

Continuation-in-part of application No. 15/271,953, filed on Sep. 21, 2016, now Pat. No. 9,746,964, which (Continued)

(51)

U.S. Cl. (52)

Field of Classification Search (58)

USPC D17/22, 23, 99; D21/405, 300, 324, 396, D21/398; D20/11, 29, 30, 31, 19, 22, 99, D20/12, 18, 27, 40, 15; D19/60; D14/495, 492, 358, 338, 175, 188, 497, D14/217, 197, 154, 391–399, 318, 388, D14/389, 390, 455, 456; D6/582–586,

D6/592-594

CPC G10D 13/00; G10D 13/003; G10D 13/02; G10D 13/026; G10D 13/027; G10D

13/029

See application file for complete search history.

References Cited (56)

U.S. PATENT DOCUMENTS

D313,409 S * (Continued)

FOREIGN PATENT DOCUMENTS

4868232 B2 * 2/2012 G10H 1/32

OTHER PUBLICATIONS

Takes on Tech, QuNeo Announches Touch Sensor Midi Controller Pad, posted Dec. 13, 2011, [online], [site visited Jul. 18, 2018]. Available from Internet, <URL: https://www.takesontech.com/quneoannounces-touch-sensor-midi-controller-pad> (Year: 2011).*

(Continued)

Primary Examiner — Sheryl Lane Assistant Examiner — Samantha N Wood (74) Attorney, Agent, or Firm — James R. Gourley; Carstens & Cahoon, LLP

(57)**CLAIM**

The ornamental design for a touch sensor drum keyboard, as shown.

DESCRIPTION

FIG. 1 is a front view of a touch sensor drum keyboard showing my new design;

FIG. 2 is a rear view thereof;

FIG. 3 is a right view thereof;

FIG. 4 is a left view thereof;

FIG. 5 is a top view thereof;

FIG. 6 is a bottom view thereof;

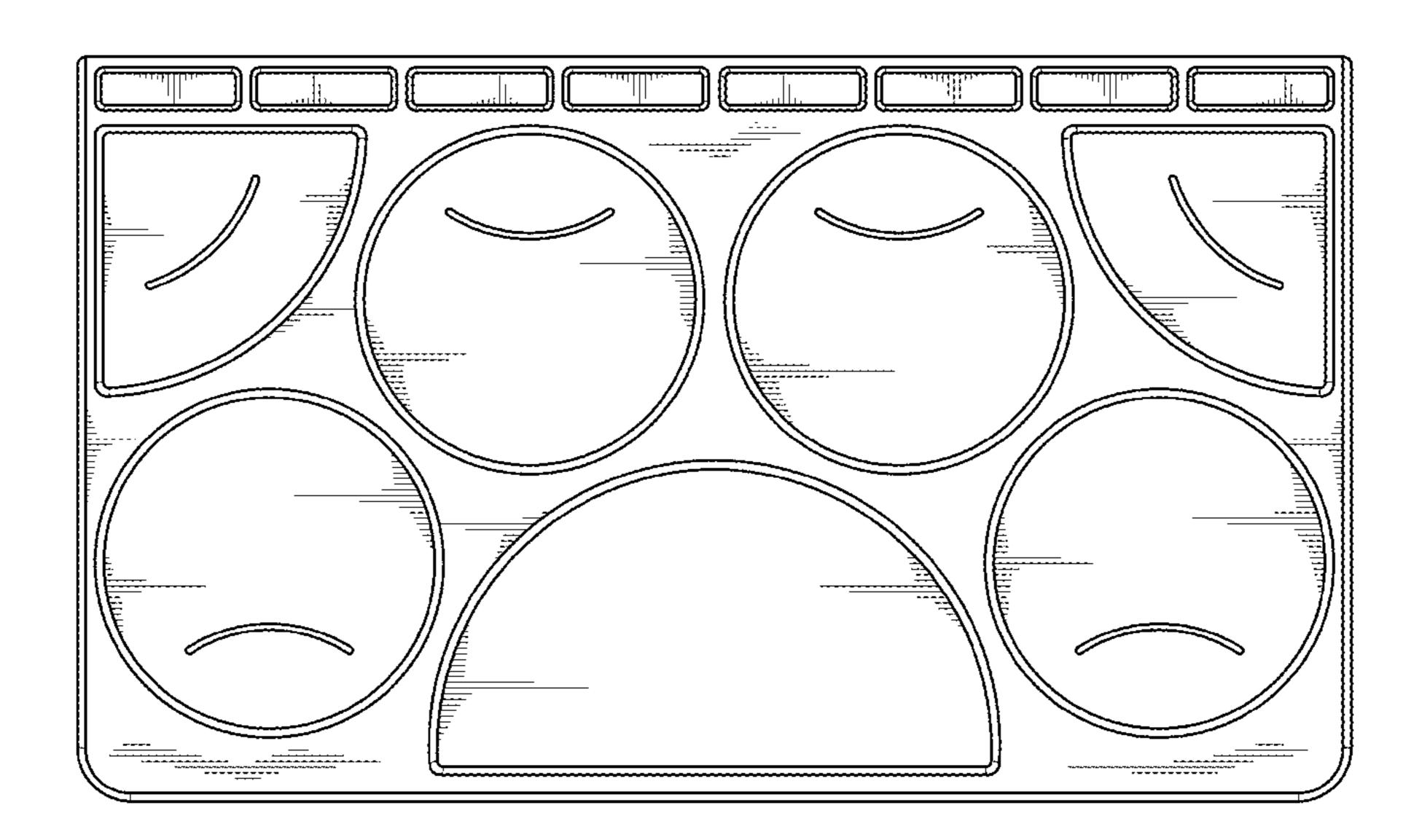
FIG. 7 is a top front perspective view thereof;

FIG. 8 is a top rear perspective view thereof;

FIG. 9 is a top right front perspective view thereof; and,

FIG. 10 is a bottom right front perspective view thereof.

1 Claim, 8 Drawing Sheets



Related U.S. Application Data

is a continuation of application No. 14/499,090, filed on Sep. 27, 2014, now Pat. No. 9,459,746, which is a continuation-in-part of application No. 14/314,662, filed on Jun. 25, 2014, now Pat. No. 9,001,082, said application No. 15/271,953 is a continuation of application No. 14/499,001, filed on Sep. 26, 2014, now Pat. No. 9,465,477, which is a continuation of application No. 14/314,662, filed on Jun. 25, 2014, now Pat. No. 9,001,082.

(56) References Cited

U.S. PATENT DOCUMENTS

D328,915	S	*	8/1992	Sato D17/22
D413,877	S	*	9/1999	Renk
D435,186	S	*	12/2000	Fulkerson
D446,982	S	*	8/2001	Block D6/583
D464,988	S	*	10/2002	Edwards D17/22
D475,050	S	*	5/2003	Klein D14/391
D508,180	S	*	8/2005	Sneed D25/138
D525,262	S	*	7/2006	Boswell D14/454
D744,484	\mathbf{S}	*	12/2015	Huebner D14/389

OTHER PUBLICATIONS

Amazon, Yamaha DD20 Touch-Sensitive Digital Drums, posted Sep. 4, 1999, [online], [site visited Jul. 18, 2018]. Available from Internet, <URL: https://www.amazon.com/exec/obidos/ASIN/B00005MO3W/gemotrack9-20/ref=nosim> (Year: 1999).*

Walmart, Spectrum Seven-Pad Digital Drums with Drum Stand, reviewed Dec. 27, 2010, [online], [site visited Jul. 18, 2018]. Available from Internet, <URL: https://www.walmart.com/ip/Spectrum-Seven-Pad-Digital-Drums-with-Drum-Stand/15190390> (Year: 2010).*

Amazon, Paxcess Electronic Drum Set, posted Mar. 30, 2016, [online], [site visited Jul. 18, 2018]. Available from Internet, <URL: https://www.amazon.com/PAXCESS-Electronic-Practice-Headphone-Playtime/dp/B01DLYXX6E/ref=sr_1_3?ie=UTF8&qid=1531954233 &sr=8-3&keywords=PAXCESS> (Year: 2016).*

Notice of Allowance and accompanying letter containing list of references dated Jun. 21, 2017 for Japanese Design Application No. 2017-3847 (6 pages).

^{*} cited by examiner

