



US00D862502S

(12) **United States Design Patent** (10) **Patent No.:** **US D862,502 S**  
**McCormick et al.** (45) **Date of Patent:** **\*\* Oct. 8, 2019**

(54) **TOUCH SCREEN DISPLAY WITH HEXAGONAL KEYS** 5,898,435 A \* 4/1999 Nagahara ..... G06F 3/04815  
715/841  
6,297,838 B1 \* 10/2001 Chang ..... G06F 1/16  
345/156  
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341/22  
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84/443

(Continued)

**FOREIGN PATENT DOCUMENTS**

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

**OTHER PUBLICATIONS**

(21) Appl. No.: **29/591,207**

Goodbye Qwerty, announced Sep. 29, 2015 [online], [retrieved May 2, 2019]. Available from Internet, URL: <https://www.designweek.co.uk/issues/28-september-4-october-2015/swiss-designers-reinvent-the-keyboard/> (Year: 2015).\*

(22) Filed: **Jan. 18, 2017**

(Continued)

**Related U.S. Application Data**

(60) Division of application No. 29/518,649, filed on Feb. 25, 2015, now abandoned, which is a continuation of application No. 14/067,426, filed on Oct. 30, 2013, now abandoned.

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(51) **LOC (12) Cl.** ..... **14-04**

(52) **U.S. Cl.**  
USPC ..... **D14/486**

(58) **Field of Classification Search**  
USPC ..... D14/485–495  
CPC ..... G06T 13/80; G06T 15/02; H04N 1/00424; H04N 1/00408; H04N 1/00437; G06F 3/04817; G06F 3/0481; G06F 3/04847; G06F 1/1692; A63F 2300/308; A63F 13/53

See application file for complete search history.

(57) **CLAIM**

We claim the ornamental design for a touch screen display with hexagonal keys, as shown and described.

(56) **References Cited**

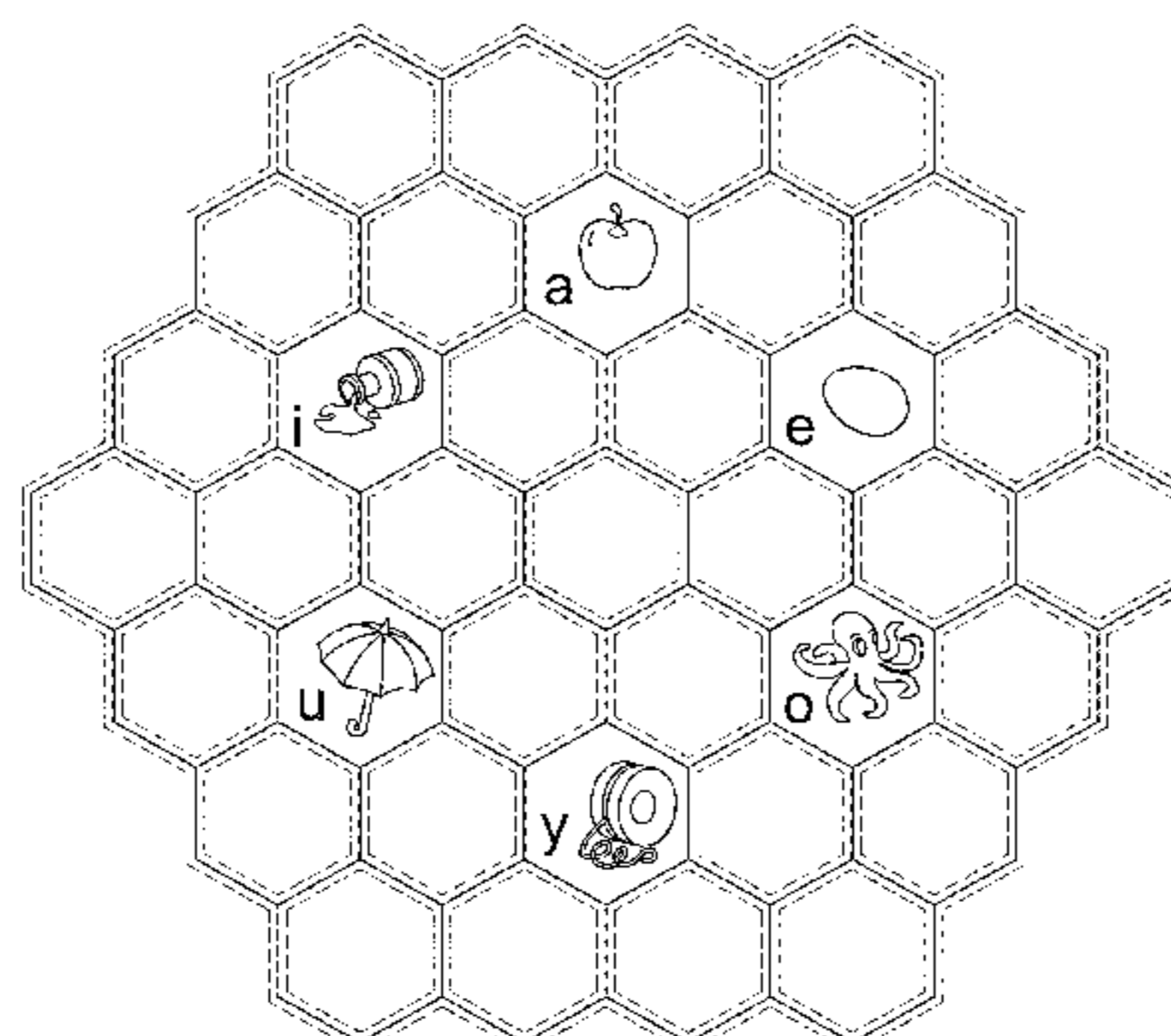
**U.S. PATENT DOCUMENTS**

5,625,354 A \* 4/1997 Lerman ..... G06F 3/0219  
341/20  
5,784,060 A \* 7/1998 Bertram ..... G06F 3/04886  
345/169

**DESCRIPTION**

The FIGURE is a front view of a touch screen display with hexagonal keys showing the new design. The broken line showing of a device depict environment. The remaining broken lines depict portions of the touch screen display with hexagonal keys. The broken lines form no part of the claimed design.

**1 Claim, 1 Drawing Sheet**



(56)

References Cited

U.S. PATENT DOCUMENTS

7,216,008 B2 \* 5/2007 Sakata ..... G06F 3/16  
700/94  
7,308,652 B2 \* 12/2007 Comfort ..... G06F 3/04886  
715/702  
7,426,500 B2 \* 9/2008 Dragojlovic ..... G06F 15/76  
382/165  
D603,460 S \* 11/2009 Taniguchi ..... D21/369  
D606,081 S \* 12/2009 Parker ..... D14/485  
D606,082 S \* 12/2009 Parker ..... D14/485  
D606,083 S \* 12/2009 Parker ..... D14/485  
D606,089 S \* 12/2009 Lal ..... D14/488  
D614,645 S \* 4/2010 Kristensson ..... D14/487  
D622,733 S \* 8/2010 Lal ..... D14/488  
D628,580 S \* 12/2010 Pearson ..... D14/488  
D713,410 S \* 9/2014 Francisco ..... D14/485  
D771,695 S \* 11/2016 Yampolskiy ..... D14/488  
D772,284 S \* 11/2016 Butcher ..... D14/488  
D772,288 S \* 11/2016 Montes ..... D14/488  
D777,201 S \* 1/2017 Li ..... D14/488  
D801,990 S \* 11/2017 Reissner ..... D14/485  
D805,534 S \* 12/2017 Berneker ..... D14/485  
D819,052 S \* 5/2018 Norris ..... D14/485  
D819,053 S \* 5/2018 Norris ..... D14/485  
D824,921 S \* 8/2018 Gillette ..... D14/485  
D825,602 S \* 8/2018 Gardner ..... D14/486  
D825,607 S \* 8/2018 Gardner ..... D14/486  
D829,756 S \* 10/2018 Gardner ..... D14/486  
D829,757 S \* 10/2018 Gardner ..... D14/486  
D844,656 S \* 4/2019 Toth ..... D14/487  
2004/0155857 A1 \* 8/2004 Duthaler ..... G02F 1/1334  
345/107  
2004/0217983 A1 \* 11/2004 Forsse ..... G06Q 10/06  
715/700  
2008/0206724 A1 8/2008 Volden  
2010/0068682 A1 3/2010 Su et al.  
2010/0209895 A1 8/2010 Ricciardi et al.  
2011/0047491 A1 \* 2/2011 Hwang ..... G06F 3/0488  
715/765

2011/0071818 A1 3/2011 Jiang  
2012/0149001 A1 6/2012 Dohring et al.  
2013/0295535 A1 11/2013 Levy et al.  
2014/0059431 A1 \* 2/2014 Svendsen ..... H04L 67/42  
715/716  
2014/0248590 A1 \* 9/2014 McCormick ..... G09B 5/06  
434/157  
2014/0306200 A1 \* 10/2014 Jinta ..... H01L 27/3218  
257/40  
2015/0074615 A1 \* 3/2015 Han ..... G06K 9/00033  
715/863  
2015/0124008 A1 \* 5/2015 Wong ..... G09G 3/2003  
345/691  
2015/0261412 A1 \* 9/2015 Guillama ..... G06F 3/04817  
715/835  
2017/0235962 A1 \* 8/2017 Clark ..... G06F 21/83  
726/26  
2018/0357914 A1 \* 12/2018 Mann ..... G09B 7/02

OTHER PUBLICATIONS

Hands-on-math1, announced 2019 [online], [retrieved May 2, 2019]. Available from Internet, URL: <https://bouncelarningkids.com/product/hands-on-math-1/> (Year 2019).\*

Hive: A hexagonal take on the iPhone's passcode interface, announced Jan. 25, 2019 [online], [retrieved May 2, 2019]. Available from Internet, URL: <https://www.idownloadblog.com/2019/01/25/hive/> (Year: 2019).\*

Non-Final Rejection for U.S. Appl. No. 29/518,649 dated Jul. 20, 2016, 8 Pages.

Non-Final Rejection for U.S. Appl. No. 29/518,648 dated Jul. 14, 2016, 8 Pages.

Non-Final Rejection for U.S. Appl. No. 14/067,426 dated Oct. 5, 2016, 12 Pages.

International Search Report and Written Opinion for Patent Application No. PCT/US2014/019160, dated Jun. 20, 2014, 8 Pages.

\* cited by examiner

