

US00D766224S

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

(10) **Patent No.:** **US D766,224 S**

(45) **Date of Patent:** **\*\* Sep. 13, 2016**

(54) **INTERFACE FOR A KEYPAD, KEYBOARD,  
OR USER ACTIVATED COMPONENTS  
THEREOF**

(71) Applicant: **Michael L. Townsend**, Ft. Myers, FL  
(US)

(72) Inventor: **Michael L. Townsend**, Ft. Myers, FL  
(US)

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

(21) Appl. No.: **29/474,634**

(22) Filed: **Dec. 8, 2014**

(51) **LOC (10) Cl.** ..... **14-03**

(52) **U.S. Cl.**  
USPC ..... **D14/247**

(58) **Field of Classification Search**  
USPC ..... D14/150, 247, 399, 320, 331, 333, 338,  
D14/346, 387, 388-390, 455, 456, 485, 487,  
D14/490; D19/6, 9, 10; D21/324-333, 517;  
D18/1, 12, 12.12

CPC ..... G06F 3/01; G06F 3/011; G06F 3/0412;  
G06F 3/0416; G06F 3/0419; G06F 3/0236;  
G06F 3/04883; G06F 3/04886

See application file for complete search history.

(56) **References Cited**

U.S. PATENT DOCUMENTS

- 5,487,616 A \* 1/1996 Ichbiah ..... G06F 3/0219  
235/145 R
- 5,606,712 A \* 2/1997 Hidaka ..... G06F 15/0225  
710/14
- D409,243 S \* 5/1999 Lonergan ..... D14/191
- D410,440 S \* 6/1999 Carnell ..... D12/192
- D432,560 S \* 10/2000 Endrulat ..... D18/7
- D448,765 S \* 10/2001 Cohen ..... D14/341
- 6,747,635 B2 \* 6/2004 Ossia ..... G06F 1/162  
345/169
- 7,372,959 B2 \* 5/2008 Ladouceur ..... G06F 1/1622  
345/168

- 7,425,947 B1 \* 9/2008 Tseng ..... G06F 1/1622  
345/156
- D581,935 S \* 12/2008 Merz ..... D14/455
- D645,851 S \* 9/2011 Sadatsuki ..... D14/247
- D650,374 S \* 12/2011 Townsend ..... D14/247
- D654,911 S 2/2012 Townsend
- D654,912 S \* 2/2012 Townsend ..... D14/247
- D654,913 S \* 2/2012 Townsend ..... D14/247
- D655,289 S \* 3/2012 Townsend ..... D14/346
- D664,525 S \* 7/2012 Townsend ..... D14/247
- D669,893 S \* 10/2012 Townsend ..... D14/346
- D676,030 S \* 2/2013 Townsend ..... D14/247
- 8,584,049 B1 \* 11/2013 Zhai ..... G06F 3/01  
715/702
- D735,702 S \* 8/2015 Townsend ..... D14/247
- 9,182,831 B2 \* 11/2015 Xie ..... G06F 3/04883

(Continued)

*Primary Examiner* — Susan Bennett Hattan

*Assistant Examiner* — Marie Fast Horse

(57) **CLAIM**

The ornamental design for an interface for a keypad, keyboard, or user activated components thereof, as shown and described.

**DESCRIPTION**

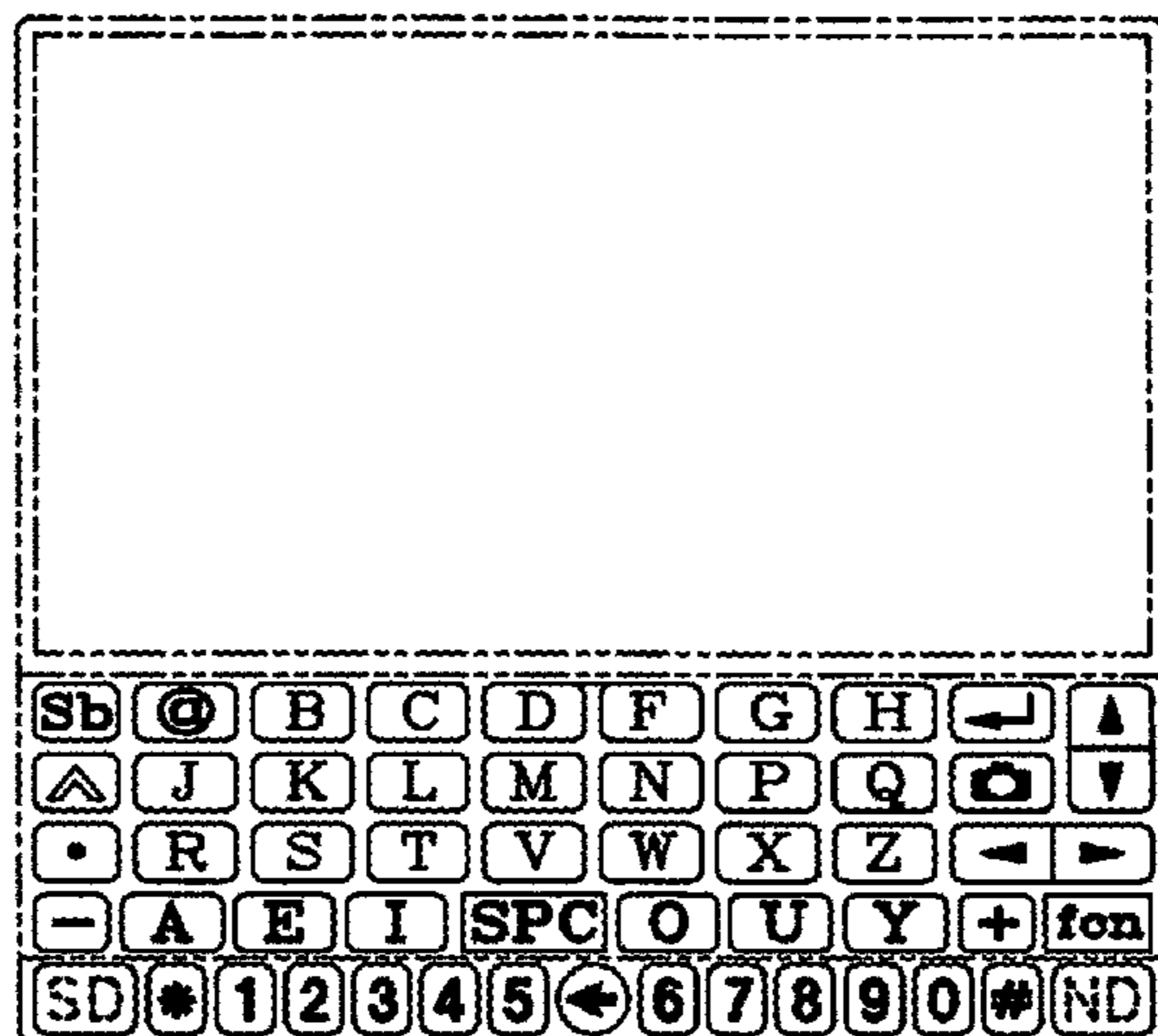
FIG. 1 is a front view of an interface for a keypad, keyboard, or user activated components thereof showing my new design.

FIG. 2 is a top view thereof shown removed from its environment in order to show aspects of the design that are not apparent in the FIG. 1 view, bottom view is identical; and,

FIG. 3 is a right side view thereof shown removed from its environment in order to show aspects of the design that are not apparent in the FIG. 1 view, the left side view is identical.

The portions of the interface shown in dot-dot-dash broken lines are directed to environment and are for illustration only; they form no part of the claimed design.

**1 Claim, 1 Drawing Sheet**



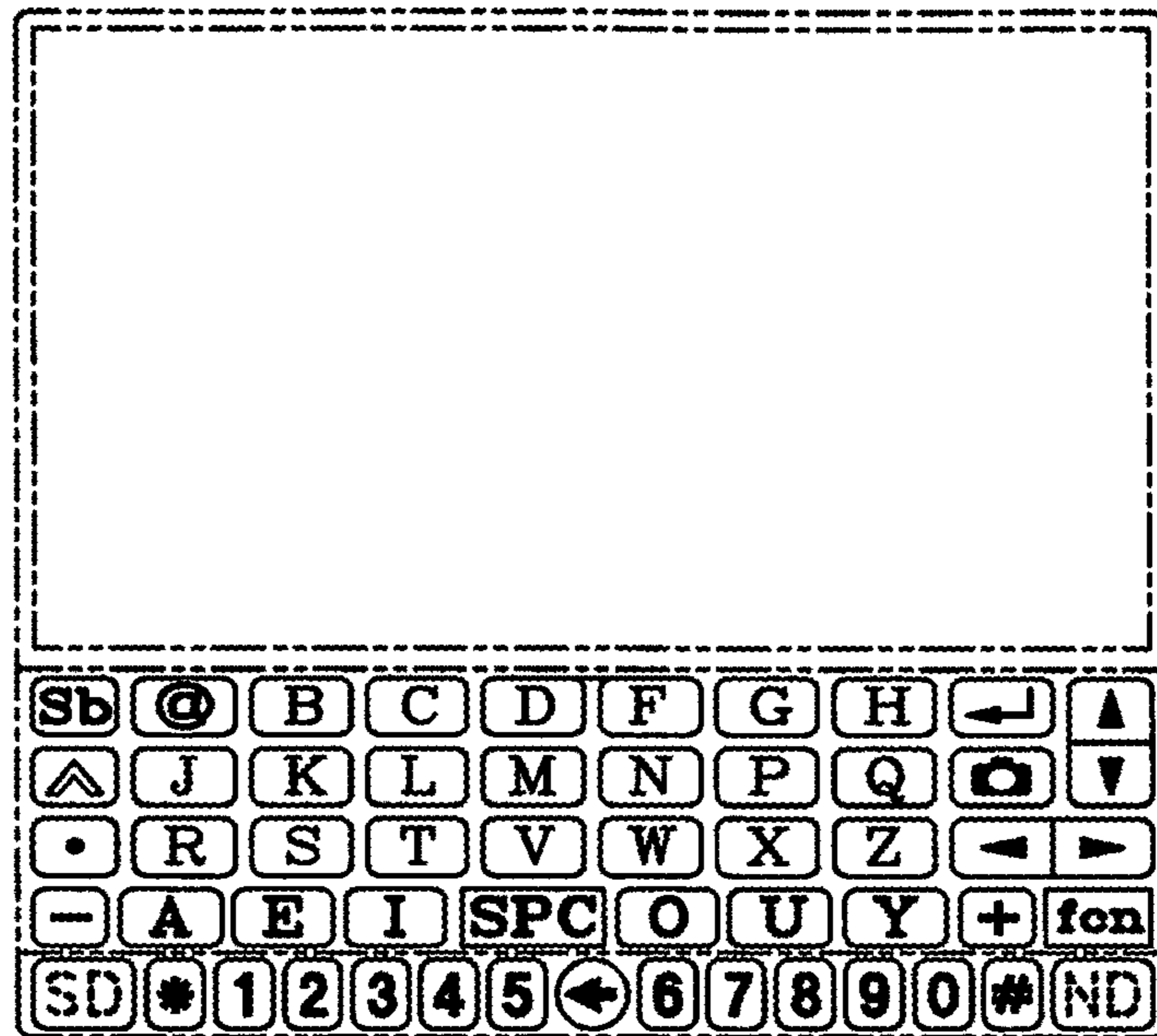
(56)

**References Cited**

U.S. PATENT DOCUMENTS

2004/0108994	A1*	6/2004	Kato	.....	G06F 3/0236	345/171
2006/0119582	A1*	6/2006	Ng	.....	G06F 3/04883	345/168
2007/0117599	A1*	5/2007	Kumar	.....	H04M 1/0237	455/575.3
2007/0268261	A1*	11/2007	Lipson	.....	G06F 1/1616	345/169
2007/0273656	A1*	11/2007	Chang	.....	G06F 3/04886	345/169
2008/0016439	A1*	1/2008	Leung	.....	G06F 3/04883	715/268
2008/0318635	A1*	12/2008	Yoon	.....	G06F 1/1624	455/566
2009/0091537	A1*	4/2009	Huang	.....	G06F 1/1616	345/169
2009/0167695	A1*	7/2009	Griffin	.....	G06F 1/1626	345/169
2010/0085309	A1*	4/2010	Lee	.....	G06F 3/0237	345/169
2010/0149106	A1*	6/2010	Gray	.....	G06F 3/04886	345/169
2013/0181907	A1*	7/2013	Russell	.....	G06F 3/0213	345/172

\* cited by examiner



*Fig. 1*



*Fig. 2*



*Fig. 3*