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Bickerton

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(54) **TEXT ENTRY METHOD AND DEVICE THEREFOR**

(56) **References Cited**

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Reissue of:

(64) Patent No.: **6,885,318**
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(30) **Foreign Application Priority Data**

Primary Examiner — Albert Wong

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(57) **ABSTRACT**

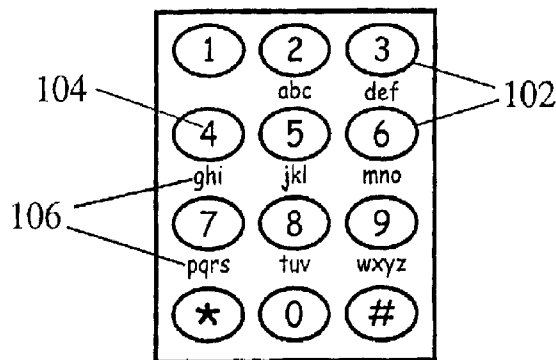
(51) **Int. Cl.**
H03K 17/94 (2006.01)
G06F 15/02 (2006.01)

A method and device for improved character input are described, wherein the method employs a keypad **100** comprising keys **102** able to display secondary characters **106** in addition to primary characters **104**. The keypad has a default display state. A first key selection causes the keypad **100** to display secondary characters **106** associated with the first key on other keys **102**, whereupon a second key selection causes the displayed character to be input, following which the keypad reverts to displaying the default state. Further secondary characters **200** may also be displayed after a first key selection. The method is particularly useful for handheld devices such as mobile radio telephones or handheld computers adapted to implement the method of the invention.

(52) **U.S. Cl.**
 USPC **341/22**; 345/168; 708/145; 708/146;
 379/368; 400/486

(58) **Field of Classification Search**
 CPC H03K 17/94; G06F 15/02; G06F 3/0238
 USPC 341/20, 22; 345/168; 379/368; 400/486;
 708/131, 145, 146
 See application file for complete search history.

16 Claims, 6 Drawing Sheets



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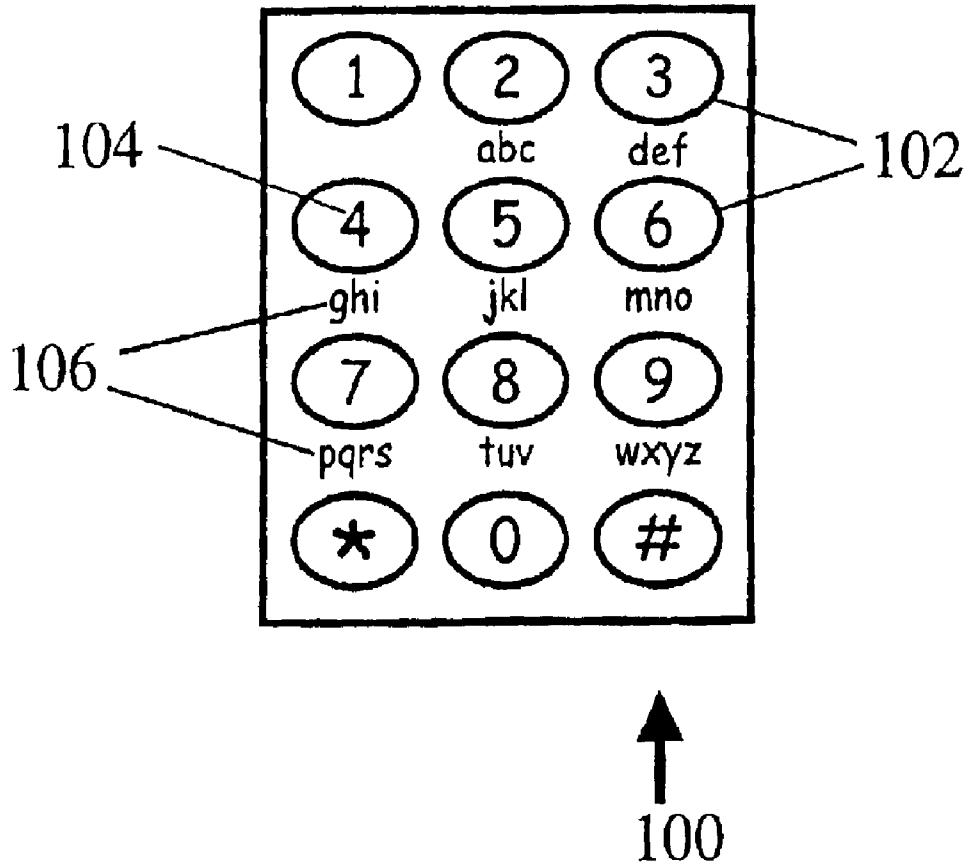


Fig. 1

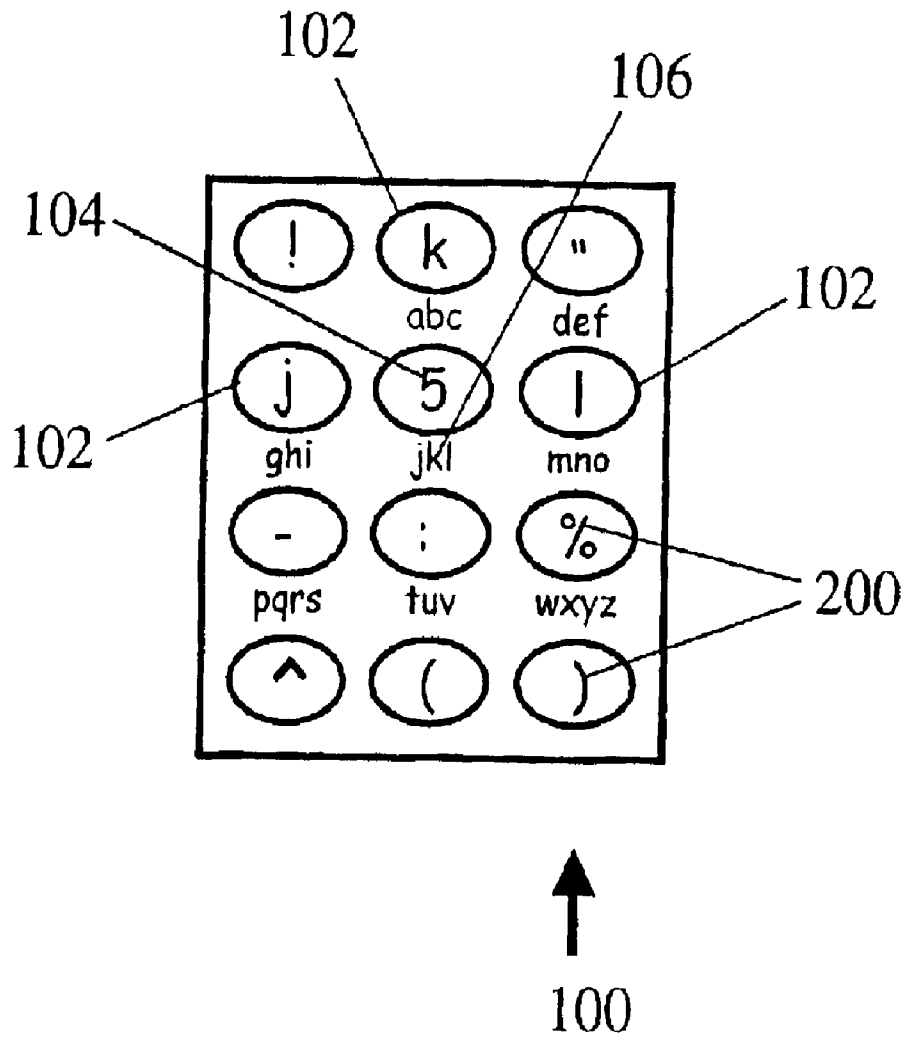


Fig. 2

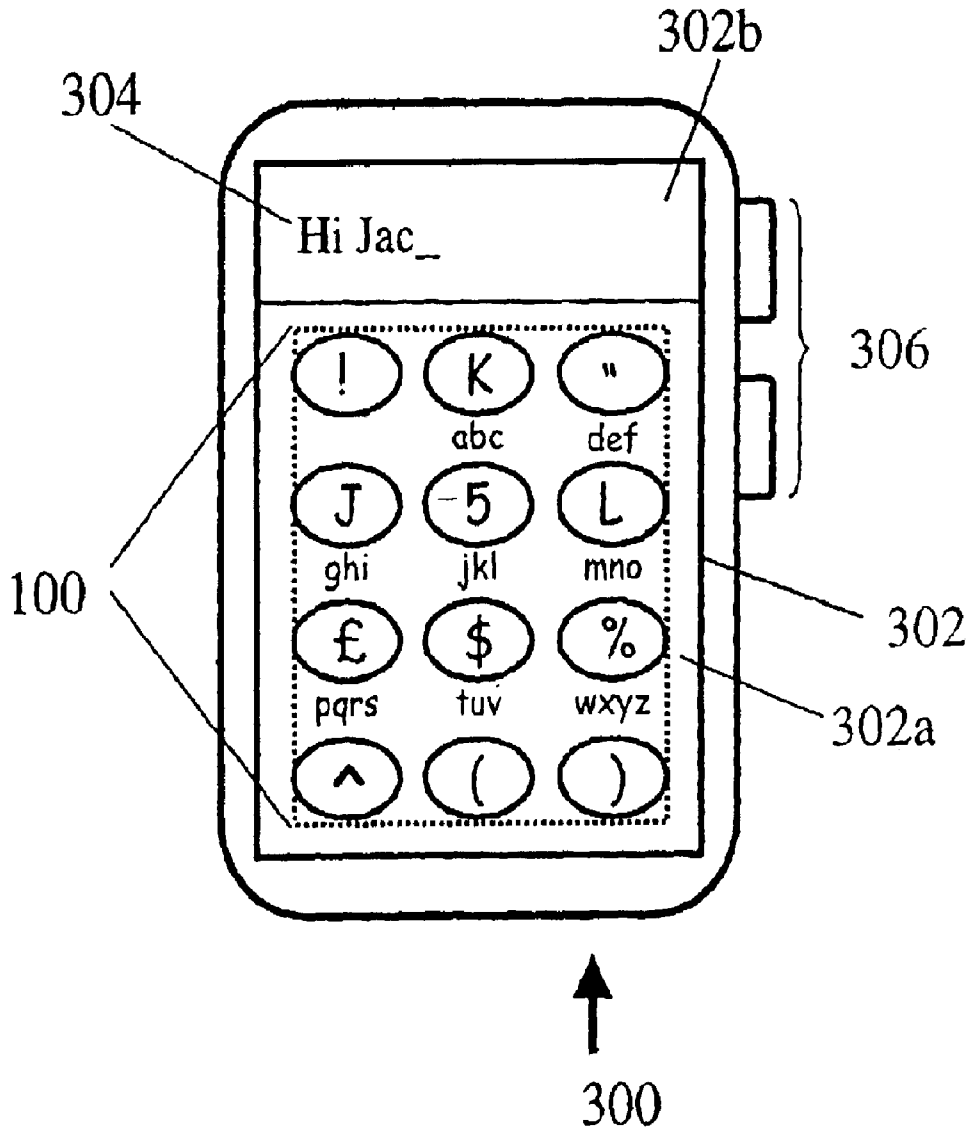


Fig. 3

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