

## ABSTRACT

### WIRELESS HANDHELD DEVICE ABLE TO ACCEPT TEXT INPUT AND METHODS FOR INPUTTING TEXT ON A WIRELESS HANDHELD DEVICE

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There is provided a wireless handheld device able to accept text input. The device includes a display screen; and a virtual keypad having a plurality of keys displayed on the display screen. Various methods to input text into the device are disclosed. The methods may utilize a pointer like either a finger, or  
10 a stylus pointer. The device may provide feedback in accordance with the character selected by a user for display in the text passage. The feedback may be either an aural representation of the character or a visual representation of the character. It is advantageous that the aural feedback allows a user to input characters into the device without viewing the display  
15 screen. The device may advantageously further include at least one physical marker to aid a user in grasping the device when inputting text, the at least one physical marker being, for example, a variation in feel on a case of the device, a notch on the display screen, a depression on the display screen, a rough surfaced area on the display screen and receptors on the case as a  
20 guide for fingers and so forth. The device may preferably further include a "key location" mode to accurately locate a first key and input text using the virtual keypad after de-activation of the "key location" mode by referencing other keys of the virtual keypad with the first key. The device may be, for example, a mobile phone, a media player, a remote controller, a PDA and the  
25 like.

Figure 11