

[0090] As shown in FIG. 6, the multinational language selector opening/closing button is placed on the top of the existed keyboard and the multinational language selector, which are the button set of the multinational language (code button of the corresponding language or icon representing the corresponding language), is appeared from bottom to top when the multinational language selector opening/closing button is clicked or slid from bottom to top.

[0091] If the multinational language selector opening/closing button is again clicked or slid from top to bottom, the multinational language selector is slid from top to bottom to be disappeared. After all, it returns to the initial state thereof.

[0092] More concretely, the multinational language selector opening/closing button generation unit 111 serves to generate the multinational language selector opening/closing button 10 on the top of the keyboard of the smart device.

[0093] At this time, it waits for the click event of the multinational language selector button by means of the user. As shown in FIG. 7, the multinational language selector placement unit 112 serves to place the multinational language selector button 20 for language selection during event generation of clicking the multinational language selector opening/closing button 10.

[0094] At this time, the particular language unique key value providing unit 113 serves to provide the unique key value of the corresponding language to the multinational language keyboard conversion unit when the particular language is clicked on the multinational language selector button 20.

[0095] The multinational language keyboard conversion unit 114 serves to transmit the provided unique key value of the corresponding language to the multinational language conversion management server 200 and relocate the buttons of the keyboard provided by the multinational language conversion management server 200.

[0096] For example, in the relocation of the keyboard, if the particular language is selected in English, the arrangement of the Korean keyboard is changed into the arrangement of the English keyboard.

[0097] Accordingly, the multinational language conversion management server 200 stores the button placement information of the keyboard by language and includes a keyboard button placement information DB (not shown).

[0098] The multinational language selector closing unit 115 serves to close the multinational language selector button when the relocation of the keyboard is completed.

[0099] In other words, the multinational language selector is slid from top to bottom to be disappeared. After all, only the multinational language selector opening/closing button is displayed thereon.

[0100] On the other hand, the multinational language keyboard conversion means 110 further includes a hidden language button display unit 116, a multinational language selector button return unit 117, and an additional button setting unit 118.

[0101] The hidden language button display unit 116 serves to allow the hidden language button to be additionally outputted to the screen by sliding the button set of the multinational language from left to right or from right to left when the multinational language selector button is opened.

[0102] As shown in FIG. 8, it can provide the hidden language buttons.

[0103] The multinational language selector button return unit 117 serves to allow the multinational language selector

button to be returned to the wait status by clicking the particular key among the keyboard buttons of the corresponding language, which is arranged through the click of the desiring language in the button set of the multinational language, when the multinational language selector button is opened.

[0104] In other words, the multinational language selector button is closed, on the contrary, only the multinational language selector opening/closing button is displayed thereon.

[0105] In the meantime, the additional button setting unit 118 serves to provide the setting button so as to set the language type of the keyboard.

[0106] That is, the setting button capable of selecting the using language is arranged as the first button among the multinational language selector button set, so that it can select and set the kind of the using language, the display method of the language, and the keyboard type (for example, Korea/2-set keyboard or 3-set keyboard) of the corresponding language by means of the click of the corresponding button.

[0107] FIG. 4 is a block diagram illustrating a multinational language keyboard translation means of a smart device capable of easily converting into multinational languages according to the present invention.

[0108] As described in FIG. 4, the multinational language keyboard translation means 120 includes a translator button providing unit 121 for outputting a translator button to the screen; a translation target language providing unit 122 for outputting a translation target language button to the screen so as to select the translation target language during clicking of the translation button; a text input window providing unit 123 for providing a text input window; a translation performing unit 124 for obtaining the text information inputted to the text input window and performing the translation thereof with reference to the language translation DB of each nation; and a translation data input unit 125 for obtaining the translation information performed by the translation performing unit 124 and providing it to the translation information DB.

[0109] In other words, the translator button is located on any one area of the keyboard, so that a small translator is displayed on the top of the keyboard or in the form of a pop-up format without moving the webpage, thereby converting the text in his own language into the text in the third language.

[0110] In case of the method of using the translator, the application used is stopped and then, the translator application is driven to be translated. Thereafter, after it selects and copies the translated text and the translator application is stopped, it again returns to the existed application and then, pastes the translated text.

[0111] However, in the present invention, after the user clicks the translation button of the keyboard, the text is inputted and just translated. Finally, it clicks only the input button, thereby terminating all translation process.

[0112] Concretely, in case of the use procedure of the existed translator, it goes through a total of eight stages such as User application exit->Translator application execution->Text input->Translation->Selection and copy->Translator application exit->User application execution->Paste. However, in the present invention, it goes through a total of four stages such as Translation button click->Text input->Translation->Input.

[0113] More concretely, the translator button providing unit 121 serves to output the translator button to the screen. During the clicking of the translation button, the translation