[0147] The present invention can be realized as code that can be read by a processor (such as a mobile station modem (MSM)) included in a mobile terminal and that can be written on a computer-readable recording medium. The computer-readable recording medium may be any type of recording device in which data is stored in a computer-readable manner. Examples of the computer-readable recording medium include a ROM, a RAM, a CD-ROM, a magnetic tape, a floppy disc, an optical data storage, and a carrier wave (e.g., data transmission through the Internet). The computer-readable recording medium can be distributed over a plurality of computer systems connected to a network so that computer-readable code is written thereto and executed therefrom in a decentralized manner. Functional programs, code, and code segments needed for realizing the present invention can be easily construed by one of ordinary skill in the art.

[0148] While the present invention has been particularly shown and described with reference to exemplary embodiments thereof, it will be understood by those of ordinary skill in the art that various changes in form and details may be made therein without departing from the spirit and scope of the present invention as defined by the following claims.

What is claimed is:

1. An operating method of a mobile terminal having a transparent flexible display, the transparent flexible display including a first display region located at a front portion of the transparent flexible display and a second display region located at a rear portion of the transparent flexible display, the operating method comprising:

displaying an image in the first display region; and

if an image reverse menu is chosen, dividing the first display region into first and second regions, displaying the image in the first region, and displaying a left-to-right reversed version of the image in the second display region.

2. The operating method of claim **1**, wherein the first and second regions are left and light regions of the first display region.

3. The operating method of claim **1**, further comprising:

displaying the image in a portion of the second display region corresponding to the second region of the first display region.

4. An operating method of a mobile terminal having a transparent flexible display, the transparent flexible display including a first display region located at a front portion of the transparent flexible display and a second display region located at a rear portion of the transparent flexible display, the operating method comprising:

displaying a moving image play screen in the first display region;

determining whether a bend signal, indicating that the transparent flexible display is bent, is detected; and

upon determining that a portion of the second display region has a same display direction as a display direction of the first display region, displaying subtitles corresponding to the moving image play screen in the portion of the second display region having the same display direction as the display direction of the first display region.

5. The operating method of claim **4**, wherein the step of displaying of the subtitles comprises:

transparently displaying the subtitles.

6. An operating method of a mobile terminal having a transparent flexible display, the transparent flexible display including a first display region located at a front portion of the transparent flexible display and a second display region located at a rear portion of the transparent flexible display, the operating method comprising:

displaying an image in the first display region;

determining whether a bend signal, indicating that the transparent flexible display is bent. is detected; and

upon determining that a portion of the second display region has a same display direction as a display direction of the first display region, displaying information regarding the image in the portion of the second display region having the same display direction as the display direction of the first display region.

7. The operating method of claim **6**, wherein the image includes at least one of a music file play screen, a web page, a photo, a note, and an additional description mark displayed in a web page, a footnote to text, and a word chosen in response to a user command.

8. An operating method of a mobile terminal having a transparent flexible display, the transparent flexible display including a first display region located at a front portion of the transparent flexible display and a second display region located at a rear portion of the transparent flexible display, the operating method comprising:

displaying a string of input words received in response to a user command in the first display region;

determining whether a bend signal, indicating that the transparent flexible display is bent, is detected;

upon determining that there is a typo in the input word string and upon determining that a portion of the second display region has a same display direction as a display direction of the first display region, displaying a recommended word for an input word including the typo in the portion of the second display region having the same display direction as the display direction of the first display region; and

if the bend signal is detected for more than a predefined amount of time, replacing the input word including the typo with the recommended word.

9. The operating method of claim **8**, further comprising:

outputting a typo alert upon determining that the typo is present in the input word string.

10. An operating method of a mobile terminal having a transparent flexible display, the transparent flexible display including a first display region located at a front portion of the transparent flexible display and a second display region located at a rear portion of the transparent flexible display, the operating method comprising:

displaying a plurality of images in the first display region;

determining whether a bend signal, indicating that the transparent flexible display is bent, is detected;

upon choosing one of the plurality of images and upon determining that a portion of the second display region has a same display direction as a display direction of the first display region, displaying information regarding the chosen image in the portion of the second display region having the same display direction as the same display direction of the first display region; and

if the bend signal is detected for more than a predefined amount of time, opaquing the portion of the second display region having the same display direction as the display direction of the first display region and then displaying the information regarding the chosen image