music. Time for rewinding the played music depends on the detected bent area. Referring to **16**(*e*), if the detected bent area is wide, the controller **180** may rewind the played music for a long time. For example, if the detected bent area is narrow, the controller **180** may rewind the played music for 10 seconds, if the detected bent area is wide, the controller **180** may rewind the played music for 20 seconds according to the detected bent area. For the bent part is detected, rewinding the played music may be continued.

[0171] Location of the play status bar (**547**) which is displayed may change according to the played music which has been rewinding or speeding up.

[0172] The controller **180** can change time for speeding up or rewinding according to a detected bent area, bent angle or bent speed.

[0173] Referring to FIG. **17**, if the first part of the flexible display **151** is bent during music is played; referring to FIG. **17**(*a*), volume of the played music is increased. And then, control bar of the volume control bar (**546**) moves to right. If the second part of the flexible display **151** is bent during music is played; referring to FIG. **17**(*b*), volume of the played music is decreased. And then, control bar of the volume control bar (**546**) moves to left.

[0174] Control bar of the volume control bar (**546**) can move up and down. The control bar can be displayed various form.

[0175] Referring to FIG. **18**(*a*), if a part of the flexible display **151** is bent to the back side during music is played; referring to FIG. **18**(*b*), the controller **180** pauses or stop the played music. When the played music is stopped, the controller **180** changes from pause/play(**543**) icon to play icon.

[0176] If a part of the flexible display **151** is bent to the front side during music is paused or stopped; the controller **180** plays the stopped music. When the stopped music is played, the controller **180** changes from pause/play(**543**) icon to pause icon.

[0177] The controller **180** can play or stop music according to the detected bent part. Video data, text data, image data can be adapted, so these data can be displayed or deleted on the display region according to the detected bent part.

[0178] Referring to FIG. **19**, mobile terminal runs camera **121** and photographs according to operation of the user input unit **130**. Image frames processed by the camera **121** are displayed on a display region.

[0179] Mobile terminal is camera mode and image which is an object to photograph is displayed on the flexible display **151**. Referring to FIG. **19**(*b*), if a part of the flexible display **151** is bent, the controller **180** makes order to photograph and transmits the order to camera **121**, and then camera **121** photographs. Guide message to request user's confirmation whether image data is stored is displays on the flexible display **151**.

[0180] If the flexible display **151** is touched by user, or order is inputted by operation of the user input unit **130**, or a part of the flexible display **151** is bent, photographed image may be stored in the memory **160** or deleted.

[0181] FIGS. **20** through **22** are examples that image data is displayed on a display region of the flexible display.

[0182] Referring to FIG. **20**, photographed image is stored in the memory **160** and can be found throughout menu such as camera album. If quick view menu is executed in FIG. **19**, photographed image is displayed on a display region of the flexible display **151** and user can confirm the photographed image.

[0183] Referring to FIG. **20**(*a*), if camera album or quick view menu is executed, photographed image is displayed on a display region of the flexible display **151**. At this time, at least one of image display window **560** and image list **570** may be displayed on the display region. The image list **570** is thumbnail of reduced image data. A number of thumbnails on a screen can be changed.

[0184] One of the image data included in the image list **570** is displayed on the image display window **560**. If one of the image data included in the image list **570** is chosen, chosen image data is displayed on the image display window **560**. Thumbnail of the chosen image data displayed on the image display window **560** is displayed on a center of the image list **570**. For example, the second image data **572** is displayed on the image display window **560**, the second image data **572** is displayed on a center of the image list **570**. In other word, the second image data **572** is displayed between the first image data **571** and the third image data **573**.

[0185] For example, the second image data **572** is displayed on the image display window **560**, referring to FIG. **20**(*b*), if the first part of the flexible display **151** is bent, the controller **180** chooses the third image data **573** which is the next image data of the image data included in the image list **570**, and displays the third image data **573** on the image display window **560**.

[0186] And then image data list of the image list **570** is changed and thumbnail of the third image data **573** is displayed on a middle of the image list **570**. In other word, the third image data **573** is displayed between the second image data and the fourth image data.

[0187] For example, the second image data **572** is displayed on the image display window **560**, referring to FIG. **20**(*c*), if the second part of the flexible display **151** is bent, the controller **180** chooses the first image data **571** which is the previous image data of the image data included in the image list **570**, and displays the first image data **571** on the image display window **560**. And then image data list of the image list **570** is changed and thumbnail of the first image data **571** is displayed on a middle of the image list **570**. In other word, the first image data **571** is displayed between the fourth image data **579** and the second image data **572**.

[0188] Referring to FIG. **21**, if camera album or quick view menu is executed, an image data is displayed on a display region of the flexible display **151**. Name of the image data or photograph information about the image data can be displayed on the display region.

[0189] Referring to FIG. **21**(*b*), if a part of the flexible display **151** is bent to the back side during the image data is displayed, the controller **180** extends size of the image data. Referring to FIG. **21**(*c*), if a part of the flexible display **151** is bent to the front side, the controller **180** reduces size of the image data.

[0190] For the bent part is detected, the controller **180** extends or reduces size of the image data continuously according to the detected bent direction. If the flexible display **151** is touched twice or is bent to the first direction, extended image or reduced image is restored. So restored image data is displayed on the display region properly.

[0191] Referring to FIG. **22**(*b*), if an upper part of the flexible display **151** is bent to the first direction during the image data is displayed, the controller **180** decreases contrast of the image data. Referring to FIG. **22**(*a*), if the upper part of