

area of the above-mentioned display unit **20** into two regions, and just to display altogether the information for 2 pages in the display unit **20**. And what is necessary is just to make it control by the above-mentioned weight proportioning control unit **822** to change the weight distribution in the above-mentioned display unit **20**.

THE TENTH EXAMPLE

[0335] Next, the tenth example of the invention will be explained.

[0336] **FIG. 51** is a conceptual diagram showing the whole display input system structure concerning this example.

[0337] **FIGS. 52 through 54** are schematic diagrams showing the operation. The display input device **10** of this example also has the display unit **20** and the form change detection unit **30**. However, the form change detection unit **30** does not necessarily cover the whole area of the display unit **20**, and is alternatively prepared below the display unit **20**. This form change detection Unit **30** has the role which detects the bending added to the display input device **10**, and changes a display. Furthermore, the device has the first and second data input parts **50A** and **50B**.

[0338] The first data input part **50A** is used in order to control ON/OFF of a display change function. The second data input part **50B** is used in order to choose a state after a display change. The display input system of this example has the size of A4, for example, at which a document can be checked at a glance.

[0339] A user **200** can operate a button with the thumb, supporting across the lower central part of the display input device **10**. Although not expressed in **FIGS. 51 and 52**, this display input device **10** may also have the control unit **12**, the memory unit **500**, the communication unit **600**, etc. if needed. The first and second data input parts **50A** and **50B** may be suitably provided in any other positions in order to improve the user-friendliness.

[0340] Pushing first data input part **50A**, the user **200** makes it change into the order expressed in **FIGS. 52A and 52B** and **52A**, and bends the display input device **10** temporarily. This bending is detected by the form change detection unit **30**.

[0341] Then, the contents of the display unit **20** are changed to one of the contents which are expressed in **FIGS. 53A through 53D**. For example, **FIG. 52A** expresses the state where choice A becomes active, and **FIG. 52B** shows the state where choice B becomes active. As expressed in **FIGS. 52A and 52B**, an active choice can be switched by the operation of adding bending temporarily.

[0342] In **FIGS. 53A through 53D**, the case where four choices A through D are prepared is illustrated for the sake of simplicity. However, the invention is not limited to this. The number of choices, and arrangement and the display appearance at the time of active may be suitably changed.

[0343] By repeating the operation of adding bending temporarily as expressed in **FIGS. 52A and 52B**, a menu is scrolled and a desired choice is activated. Then, as expressed in **FIG. 54**, the choice activated can be chosen by pushing the second data input part **50B**. It is possible to perform all the above operations by a single hand. The device can manage a hierarchical type menu by providing many stages.

[0344] According to this example, an operation mistake is avoidable, since the input by the bending is possible only while pushing the first data input part **50A**.

[0345] Then, an active choice can be selected by pushing the second data input part **50B**. That is, it can be operated with rough feeling at the time of menu scrolling, without caring about a button position. And the choice is selected more consciously. Here, after adding the bending as shown in **FIG. 52B**, in the state where it returned to the flat condition as shown in **FIG. 52A**, the whole equipment may bend lightly.

[0346] If the device is bent lightly around the longer axis of the display unit **20** and deformation is lightly added as illustrated in **FIG. 52B**, a bending deformation around a direction perpendicular to this may be prevented.

[0347] Thus, operation is stabilized when the First and second data input parts **50A** and **50B** are pushed.

ELEVENTH EXAMPLE

[0348] Next, the 11th example of the invention will be explained.

[0349] **FIGS. 55A and B** are schematic diagrams showing another display input system concerning the invention.

[0350] **FIGS. 56A through 58** are conceptual diagrams showing the operating procedure. That is, the display input device **10** of this example has the similar structure as the tenth example. However, the touch panel is provided as second data input part **50B**. Touch-panel **50B** is laminated on the display unit **20**, and it is used in order to determine the activated choice.

[0351] In this example, the user **200** holds the device by his one hand and adds a temporal bending, while pushing the first data input part **50A**, as shown in **FIGS. 56A and 56B**. Whenever he adds the bending, either of choices A through D becomes active in order. For example, **FIG. 57A** expresses the state where choice A is activated, and **FIG. 57B** expresses the state where choice B is activated. Thus, choices A through D on a menu bar is scrolled in order by repeating the operation of bending the display input device **10** temporarily. And after activating the desired choice, the small item in the choice is chosen by the directions means **210**, as expressed in **FIG. 58**. That is, he inputs into touch-panel **50B**.

[0352] The directions means **210** is not limited to a pen type stylus, but the user may touch the display directly with a finger. An eyeshot detection system may be employed instead of the touch panel.

[0353] Since the greater part of a series of operations can be performed by a single hand, its operability under the environment where both hands always do not open, such as the time of use in a vehicles, a bus or a train where a shake is intense, improves.

TWENTIETH EXAMPLE

[0354] Next, the twentieth example of the invention will be explained.

[0355] **FIGS. 59A and 59B** are schematic diagrams showing the display input system concerning this example.