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(54) **DATA PROCESSING DEVICE**

Publication Classification

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(52) **U.S. Cl.** **345/179**

(57) **ABSTRACT**

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A data processing device includes plural input modes which is capable of, for instance, automatically determining whether the device is in a notebook mode or a tablet mode, thereby enabling a user to use the data processing device by use of an interface suitable for the mode without performing any particular operation for choosing the interface.

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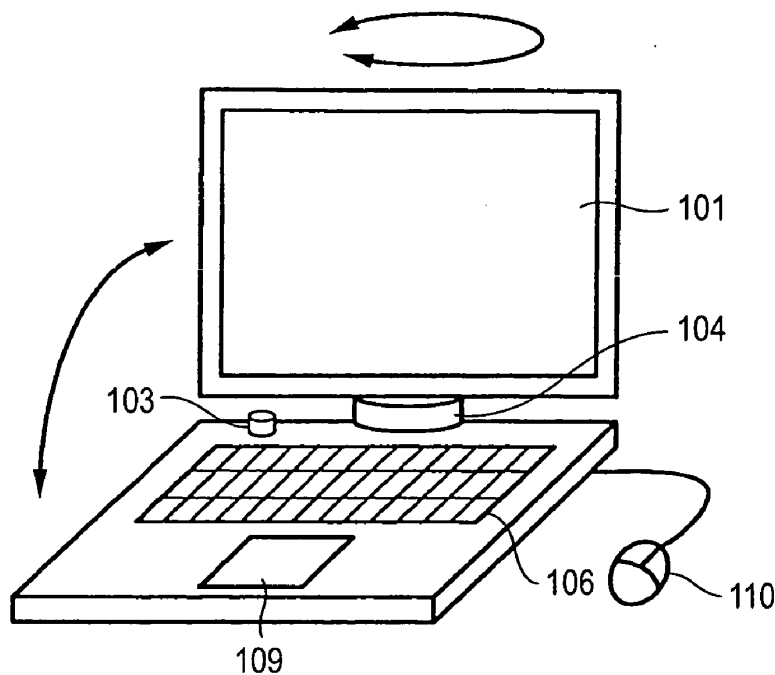
The data processing device includes a display which is integrally configured with a tablet, a mode determination section which determines an input mode on basis of the tablet, and a mode controller which switches a user interface on basis of the result of determination of the mode determination section. When configured as described above, the convertible data processing device can automatically determine whether the device is in a notebook mode or a tablet mode, and provide a user with an interface suitable for the mode. Accordingly, comfortable operability can be realized.

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(30) **Foreign Application Priority Data**

Nov. 14, 2003 (JP) 2003-385340



NOTEBOOK MODE
ROTATION SWITCH: 0°
RECLOSABLE SWITCH: OPEN

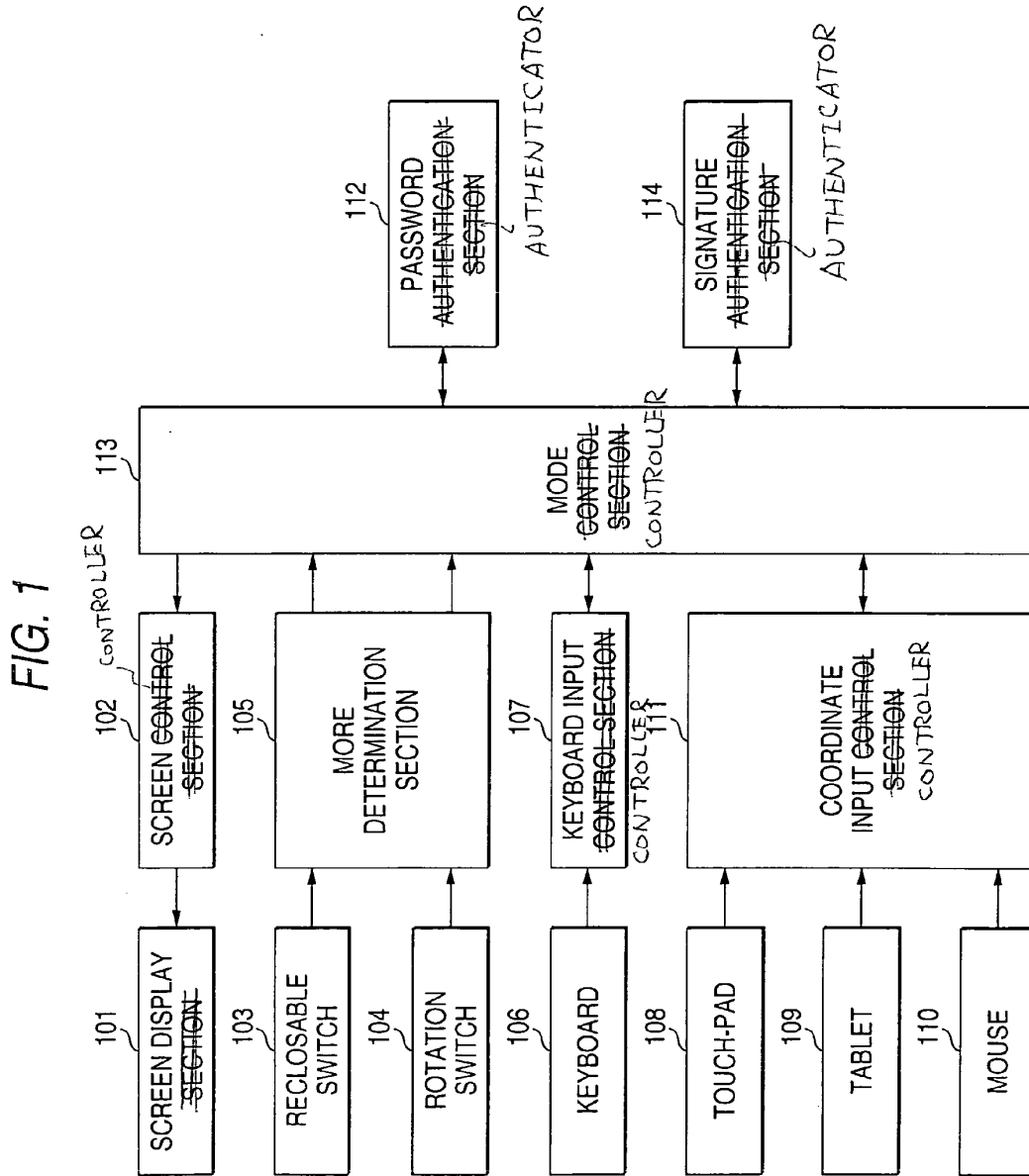
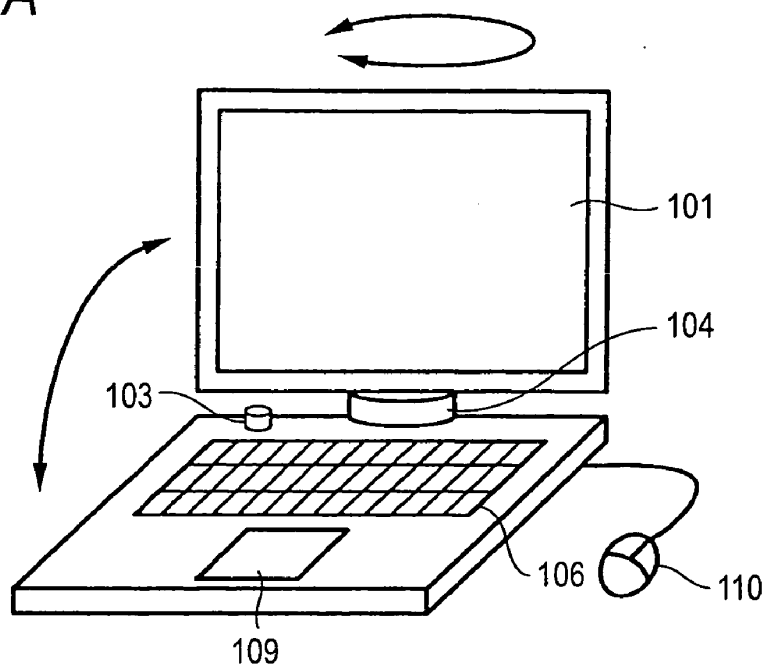
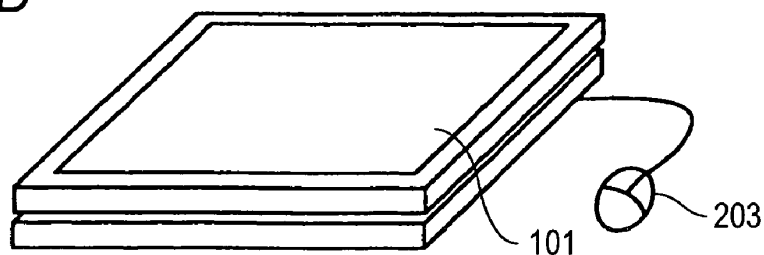


FIG. 2A



NOTEBOOK MODE
ROTATION SWITCH: 0°
RECLOSABLE SWITCH: OPEN

FIG. 2B



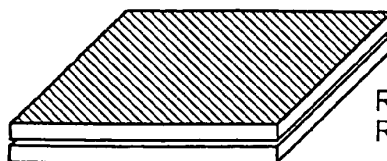
TABLET MODE
ROTATION SWITCH: 180°
RECLOSABLE SWITCH: CLOSED

FIG. 3

		RECLOSABLE SWITCH	
		OPEN	CLOSED
ROTATION SWITCH	0°	NOTEBOOK MODE	NOTEBOOK MODE
	180°	NOTEBOOK MODE	TABLET MODE

FIG. 4A

POWER-OFF

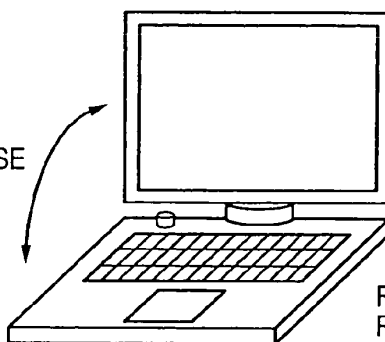


ROTATION SWITCH: 0°
RECLOSABLE SWITCH: CLOSED

FIG. 4B

NOTEBOOK MODE

OPEN/CLOSE

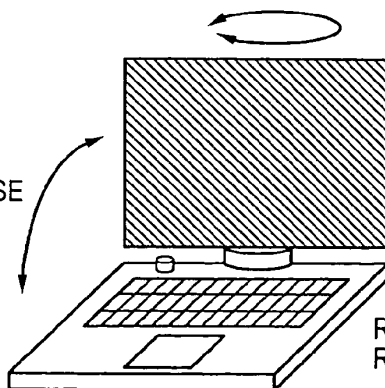


ROTATION SWITCH: 0°
RECLOSABLE SWITCH: OPEN

FIG. 4C

NOTEBOOK MODE

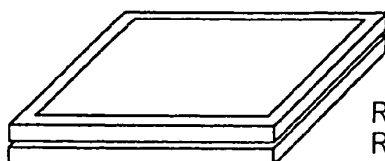
OPEN/CLOSE



ROTATION SWITCH: 180°
RECLOSABLE SWITCH: OPEN

FIG. 4D

TABLET MODE



ROTATION SWITCH: 180°
RECLOSABLE SWITCH: CLOSED

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