



[54] INFORMATION PROCESSING APPARATUS INCLUDING ARRANGEMENTS FOR ACTIVATION TO AND DEACTIVATION FROM A POWER-SAVING STATE

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[51] Int. Cl.⁶ G06F 1/32

[52] U.S. Cl. 364/707

[58] Field of Search 364/707

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[57] ABSTRACT

An information processing apparatus can save an electric power when it is not in use and can be made active immediately after an operation medium such as a pen and a finger or the user approaches or comes in contact with the apparatus, the arrangement being such that a housing portion of the apparatus includes therein a sensor for detecting the approach or contact of a user operation medium or user and a state display unit for informing the user that the apparatus is in the active state or in the standby state, a power saving control unit controls a controlled object concerning a power consumption in response to the approach, contact or separation of the operation medium or user, and a timer included in the electric power saving control unit determines whether or not the operation medium or user is separate from the apparatus.

29 Claims, 10 Drawing Sheets

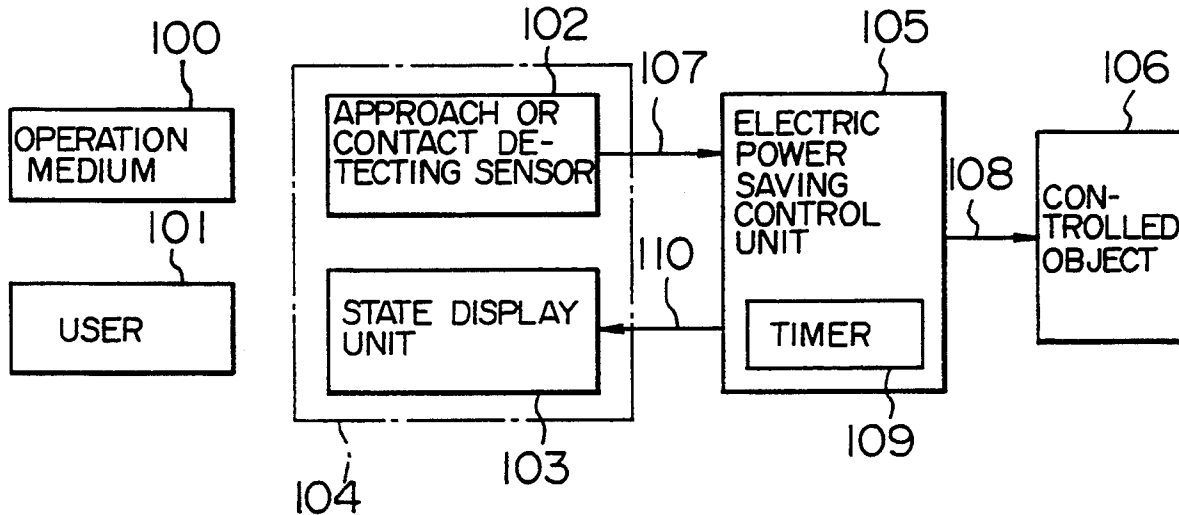


FIG. 1

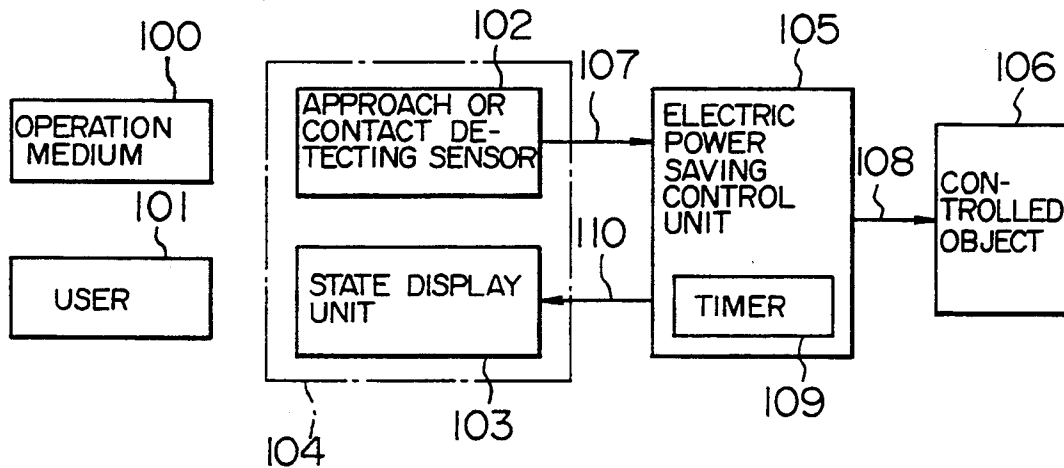
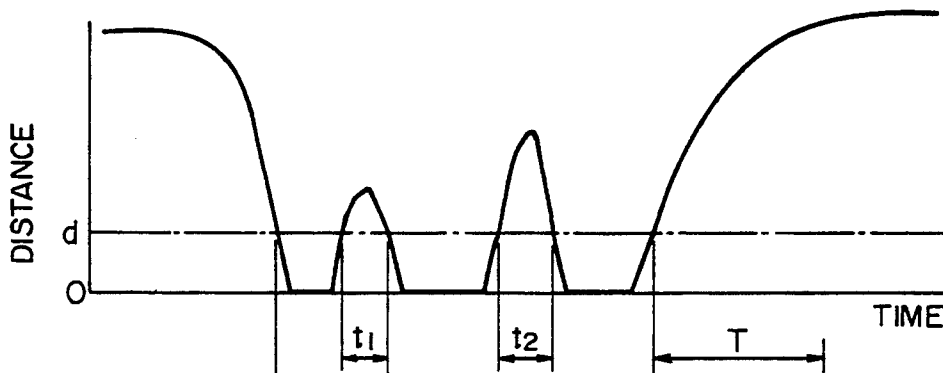


FIG. 2



SITUATION OF OPERATION MEDIUM	SEPA- → APPROACH → CONTACT, APPROACH OR SHORT-TIME SEPARATION (APPARATUS IS BEING OPERATED) → LONG-TIME SEPARATION		
STATE OF CONTROLLED OBJECT	POWER SAVING STATE	NON-POWER SAVING STATE	
CONTENT OF STATE DISPLAY	STANDBY STATE	ACTIVE STATE	
			POWER SAVING STATE
			STANDBY STATE

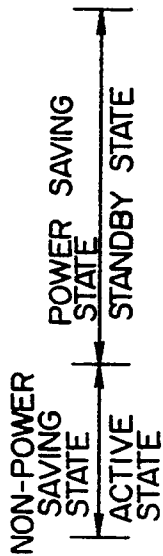


FIG. 3

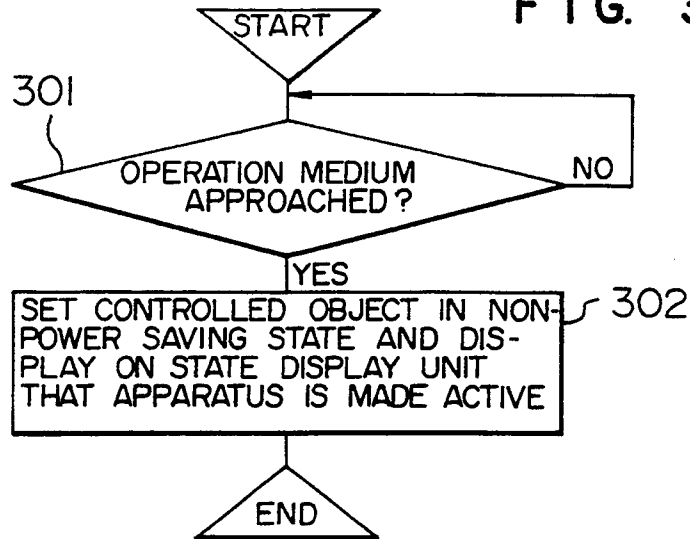


FIG. 4

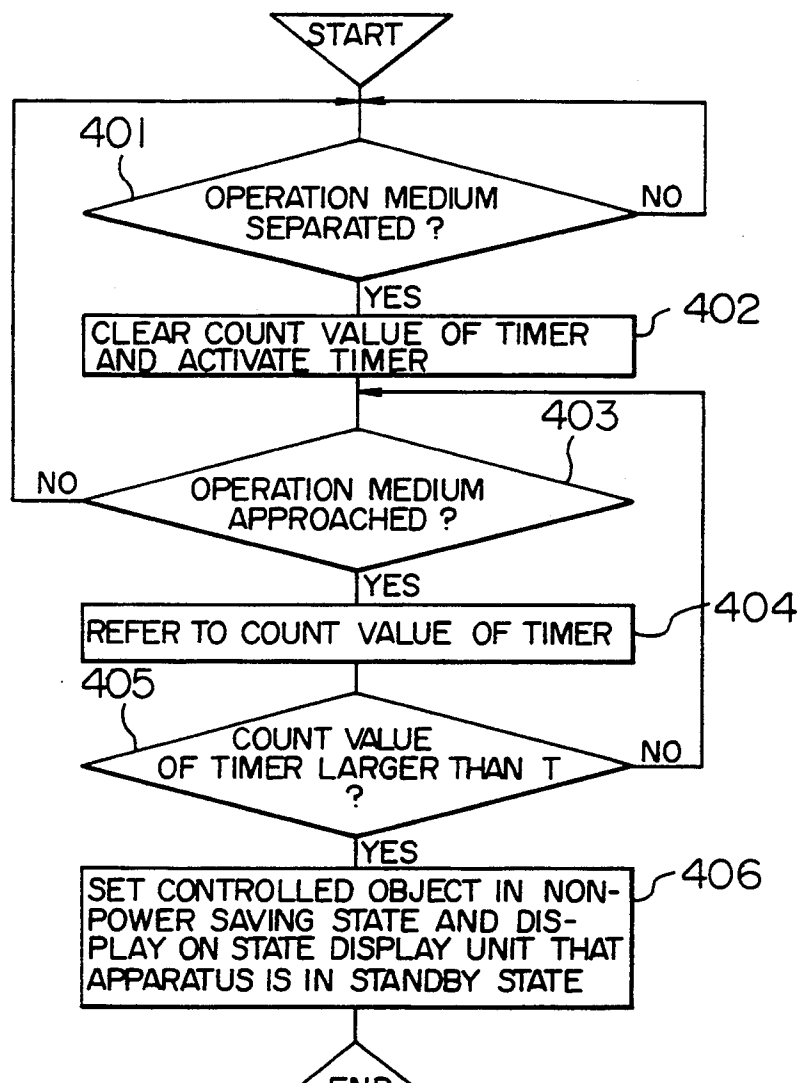
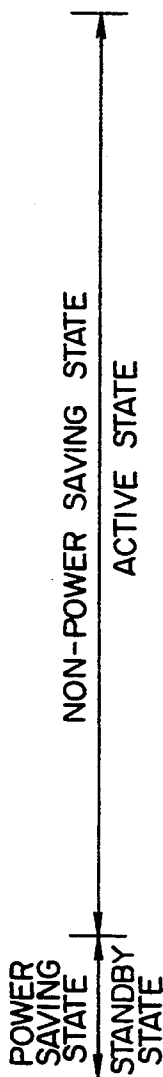


FIG. 5

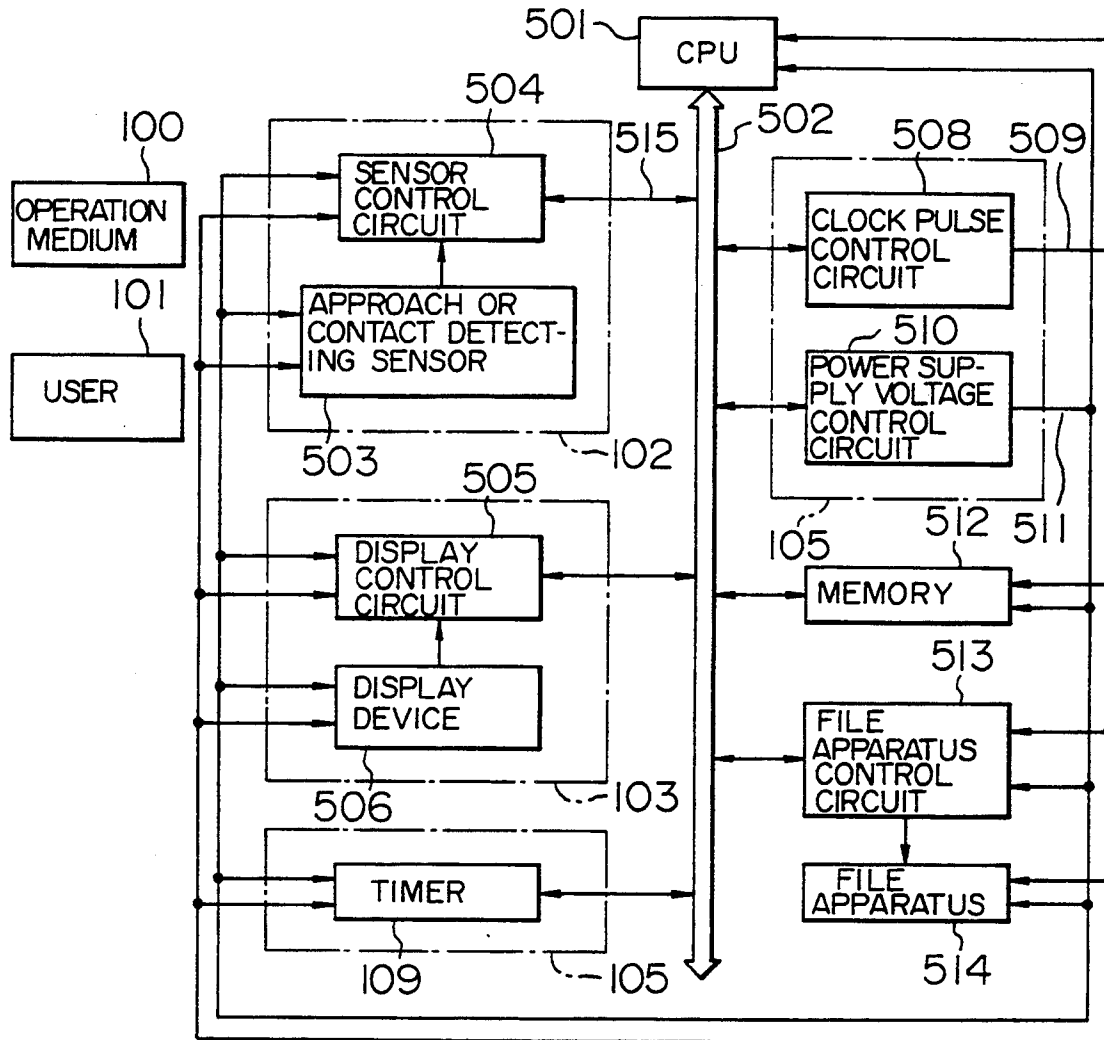


FIG. 6

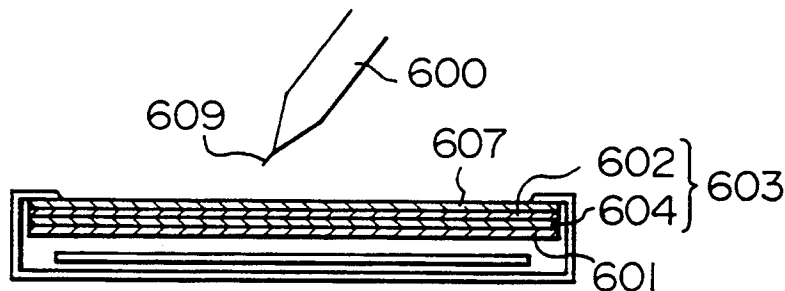


FIG. 7

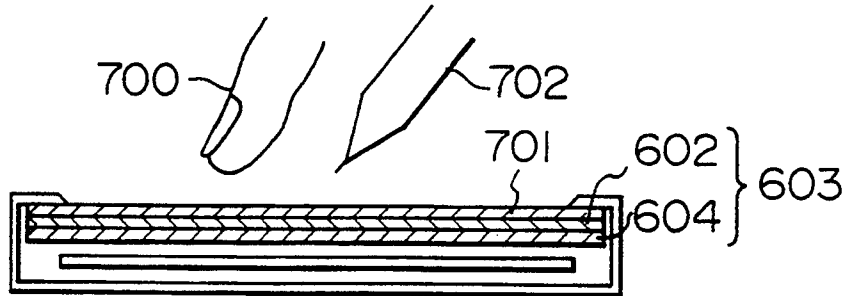


FIG. 8

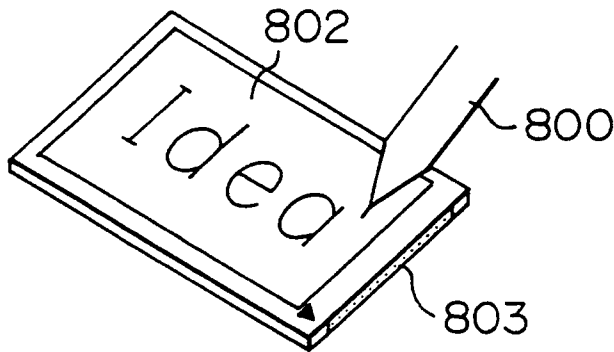
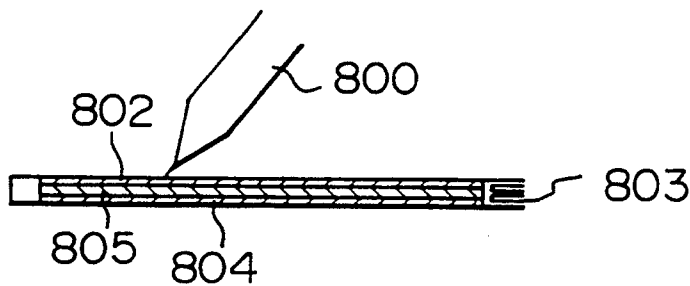


FIG. 9



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