United States Patent [19]

Clark et al.

[54] **DESKTOP COMPUTER HAVING A SINGLE-SWITCH SUSPEND/RESUME FUNCTION**

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[57] **ABSTRACT**

A computer system having a suspend/resume capability in addition to the normal operating state and the off state. Closure events of single momentary pushbutton switch control changes between the normal operating state, the suspend state, and the off state, depending on the value of a flag. If the flag is set in a certain state, closure events of the switch cause the computer system to change back and forth between the normal operating state and the off state. If the flag is set in a different state, closure events of the switch cause the computer system to change back and forth between the normal operating state and the suspend state. The switch also controls the video subsystem of the computer system such that pressing the switch blanks the video display terminal giving the user instantaneous feedback of the switch press.
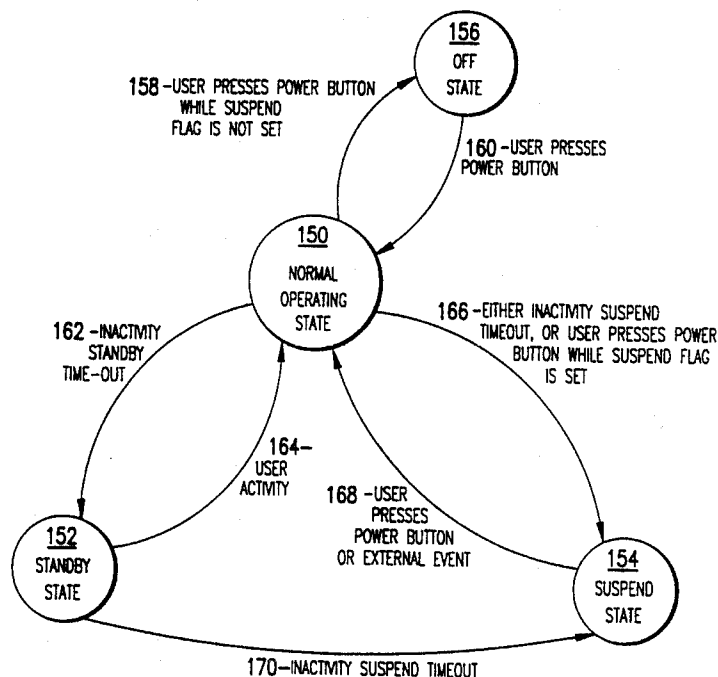
16 Claims, 37 Drawing Sheets

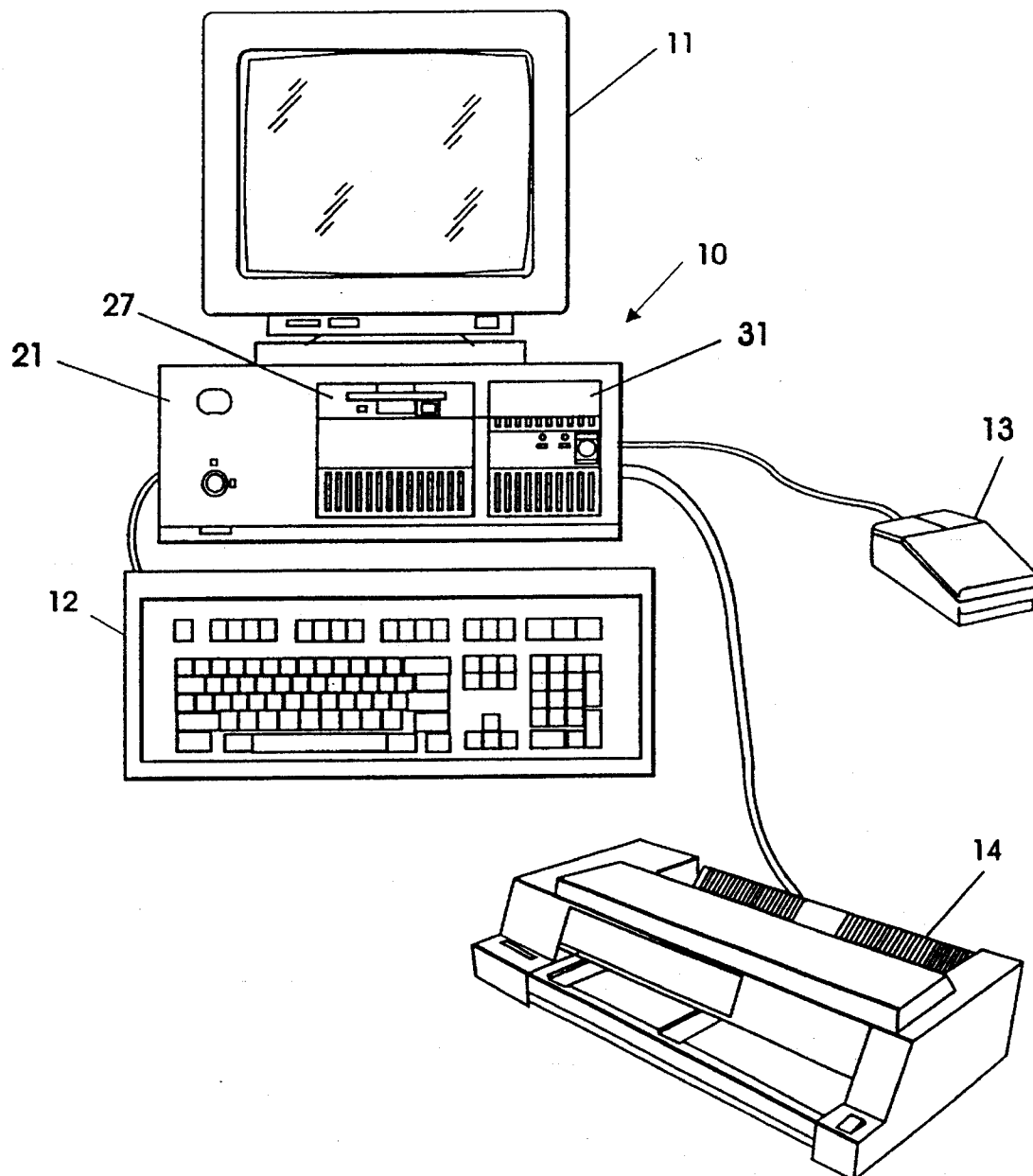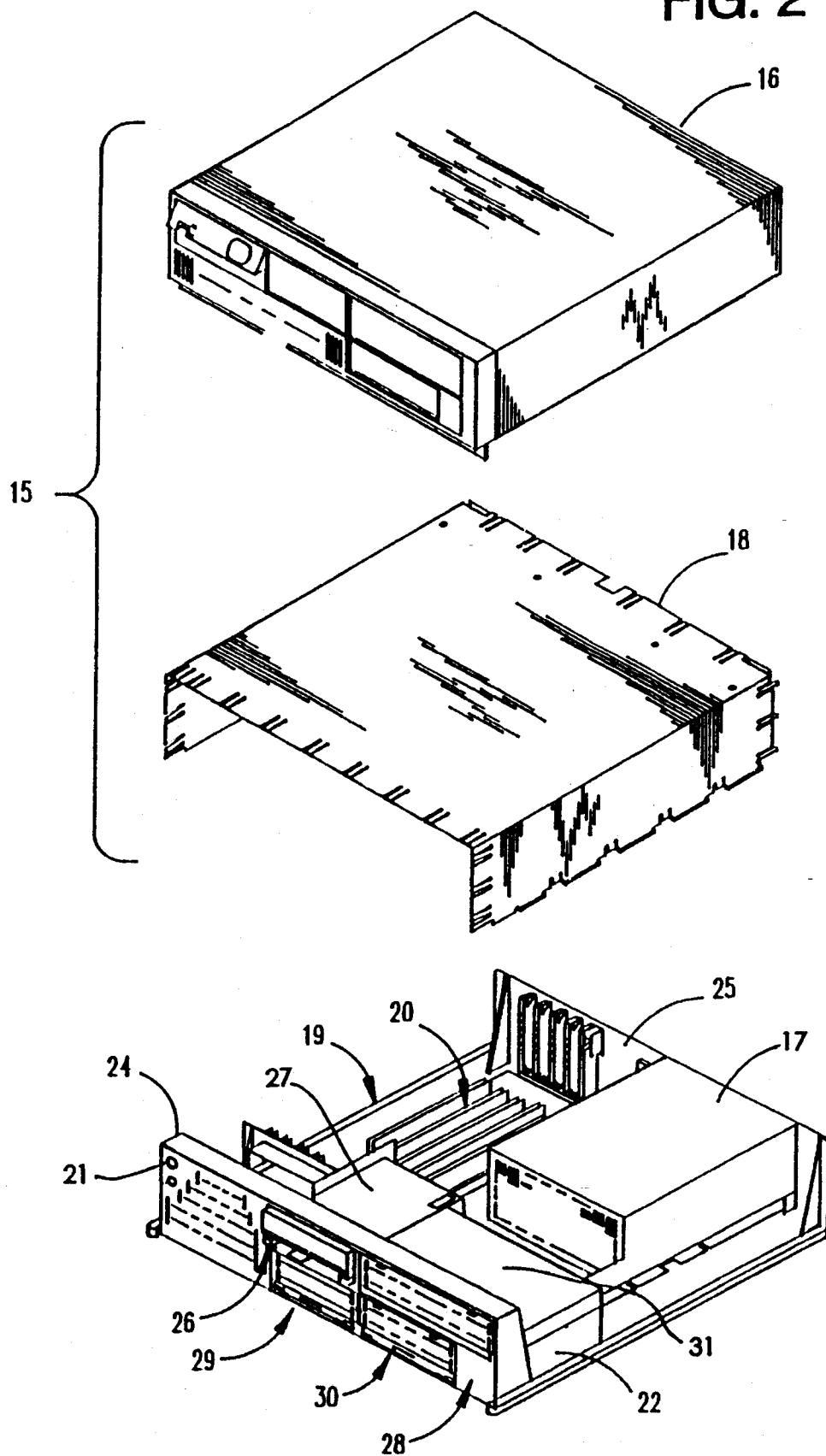## FIG. 1

FIG. 2

FIG.3A

FIG.3B

76 ⟶

78
I/O SLOT

76 ⟶

78
I/O SLOT

DOCKET ALARM
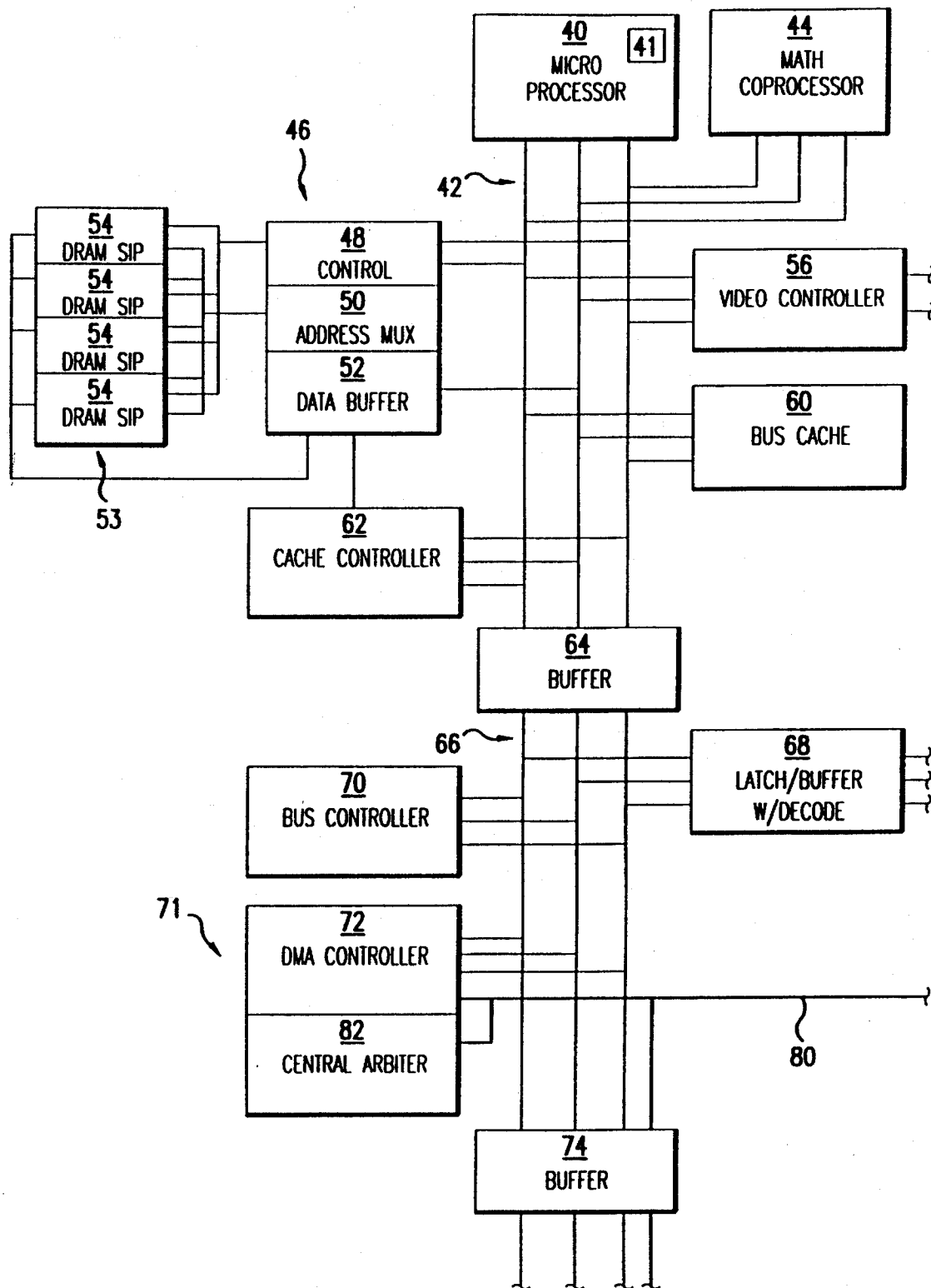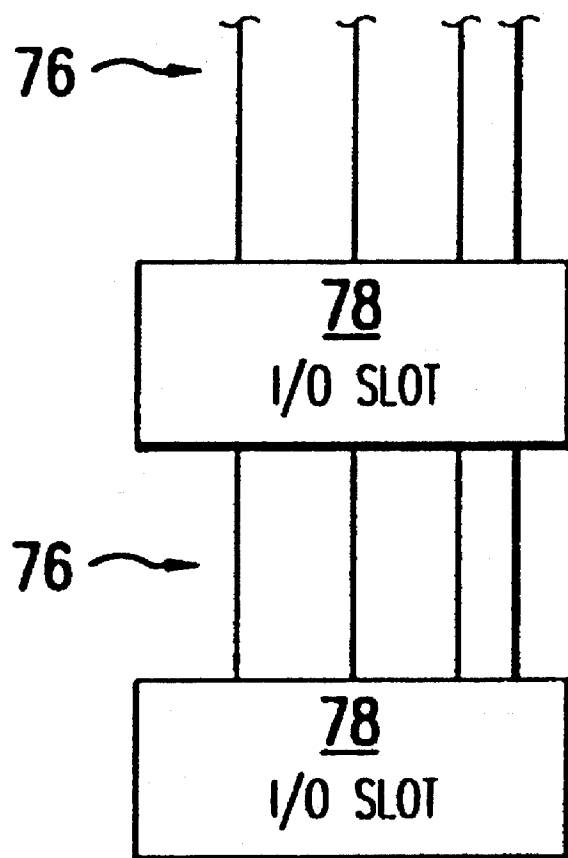
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