United States Patent [19]

Shah et al.

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[54] DATA PROCESSING SYSTEM HAVING AUTOMATIC CONFIGURATION

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- [73] Assignee: Fortune Systems Corporation, San Carlos, Calif.
- [21] Appl. No.: 520,354
- [22] Filed: Aug. 4, 1983
- [51] Int. Cl.⁴ G06F 3/00
- 364/300

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[11] Patent Number: 4,589,063

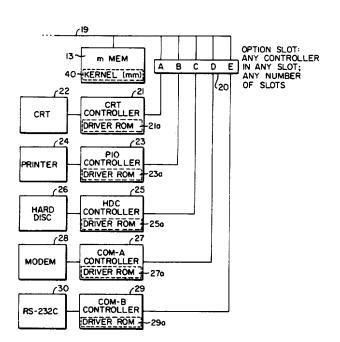
[45] Date of Patent: May 13, 1986

Primary Examiner-Raulfe B. Zache Attorney, Agent, or Firm-Townsend & Townsend

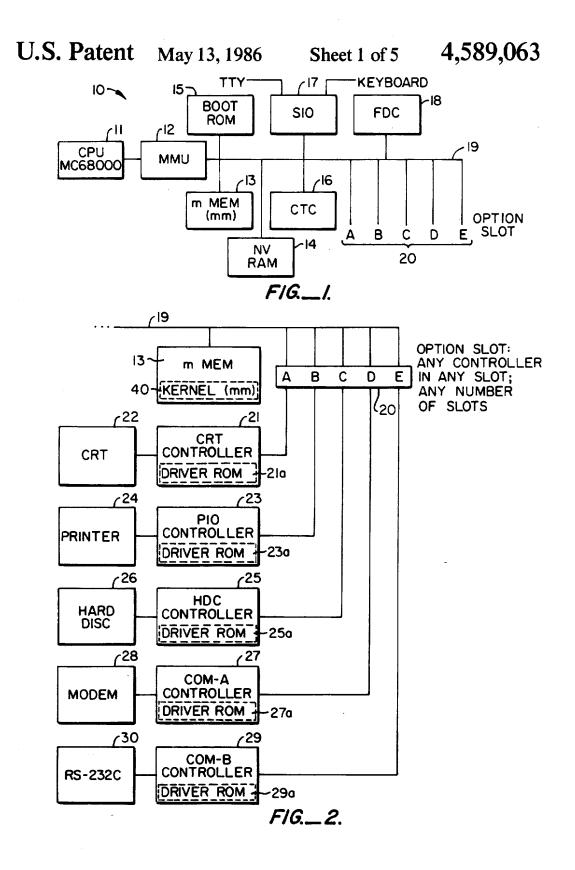
[57] ABSTRACT

A method and apparatus for automatic configuration of a computer system is provided wherein one or more system peripheral or I/O devices can be interfaced to the computer system through I/O boards that plug into a system motherboard. Each of the I/O devices includes a controlling device driver module that operates under a program code stored in a read only memory resident on the I/O board and by which the device driver module allows the computer system to communicate with its associated peripheral and I/O devices. Accordingly, a system user is not required to change the computer operating system kernel to support each new I/O device or system configuration change.

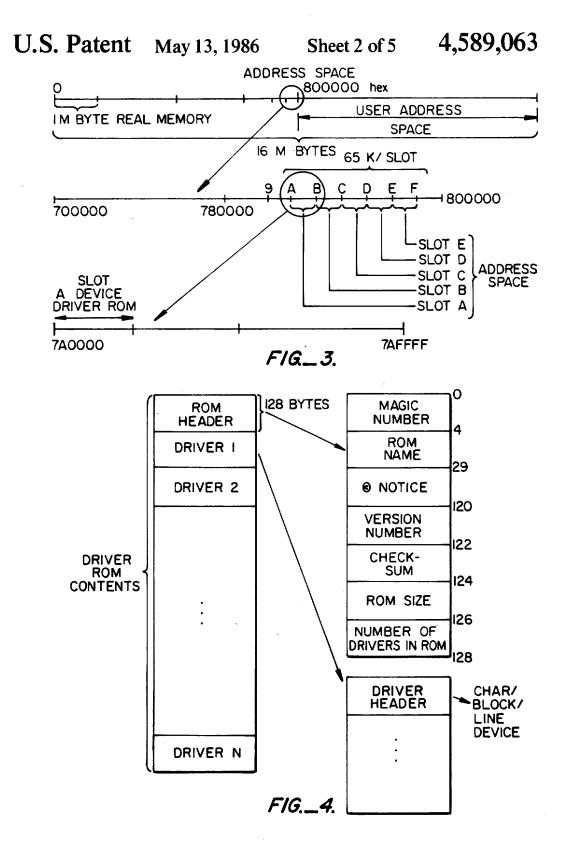
13 Claims, 8 Drawing Figures



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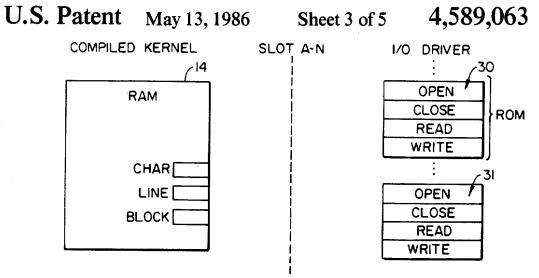
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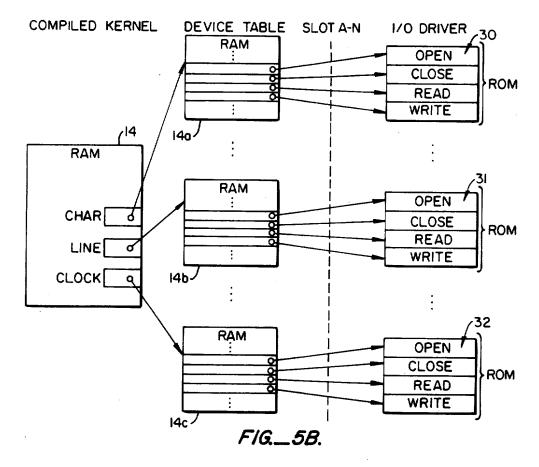
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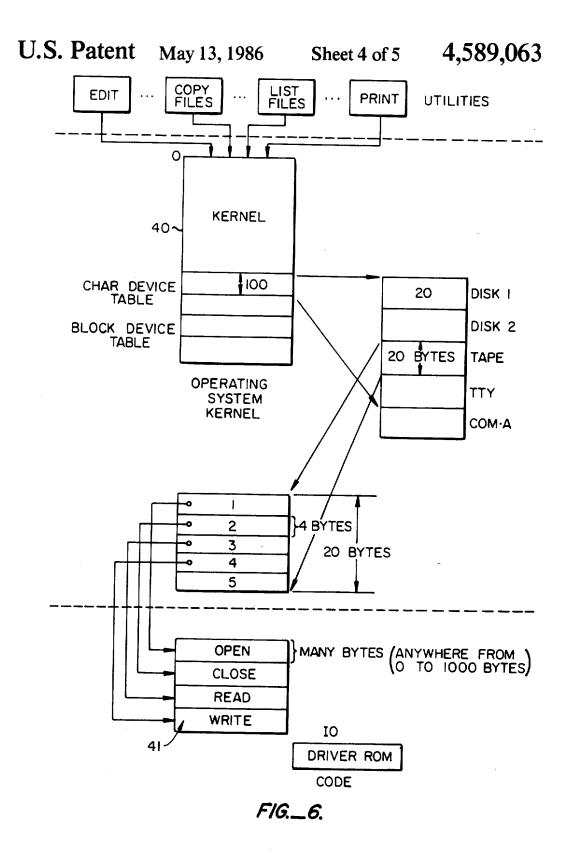






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