

US005103392A

United States Patent [19]

Mori

[54] SYSTEM FOR STORING HISTORY OF USE OF PROGRAMS INCLUDING USER CREDIT

OF PROGRAMS INCLUDING USER CREDIT DATA AND HAVING ACCESS BY THE PROPRIETOR

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Related U.S. Application Data

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| [30] | Foreign A | Application Priority Data |
|------|------------------|--------------------------------|
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| Mar | . 12, 1984 [JP] | Japan 59-46923 |
| Маг | . 12, 1984 [JP] | Japan 59-46924 |
| [51] | Int. Cl.5 | G06F 9/06 |
| [52] | U.S. Cl | 395/725; 364/284.4; |
| | | 364/286.5; 364/DIG. 1 |
| [58] | Field of Searc | h 364/200 MS File, 900 MS File |
| [56] | 3 | References Cited |

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[11] Patent Number: 5,103,392

45] Date of Patent: Apr. 7, 1992

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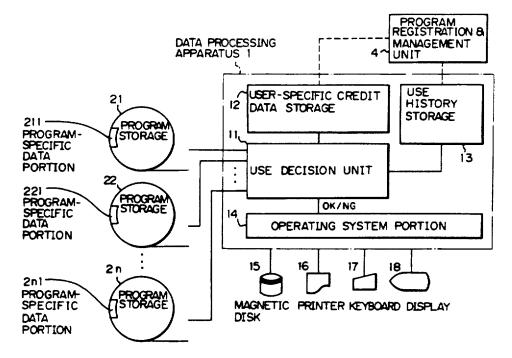
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Primary Examiner—Lawrence E. Anderson Attorney, Agent, or Firm—Staas & Halsey

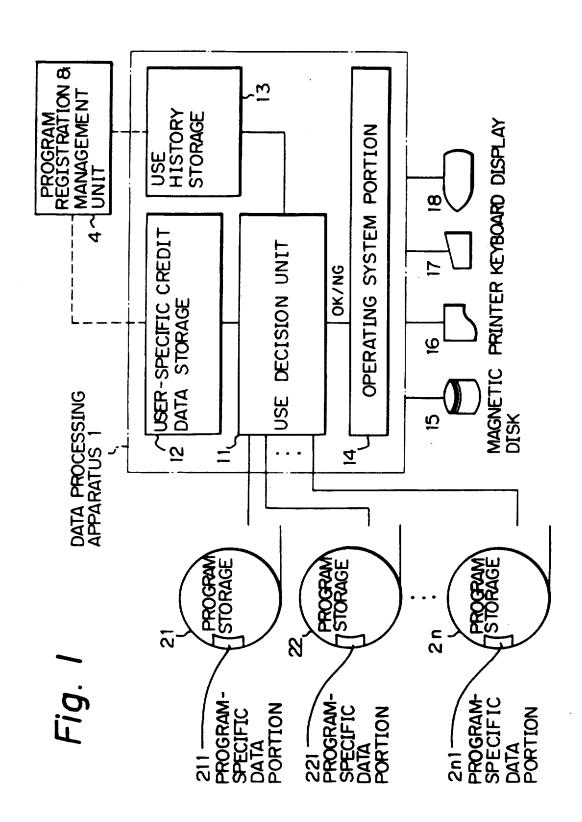
[57] ABSTRACT

A system for storing data on the history of use of programs consisting of a data processing apparatus and a program storage unit, such as a magnetic tape, which stores program-specific data. The data processing apparatus includes a user-specific credit data storage portion, a use decision portion, and a program use history storage portion which can store use history data derived from the program-specific data from the program storage unit or the user-specific credit data from the user-specific credit data from the user-specific credit data storage portion. The program use history is accessible to proprietors of the programs so that charges can be based on actual use of the programs.

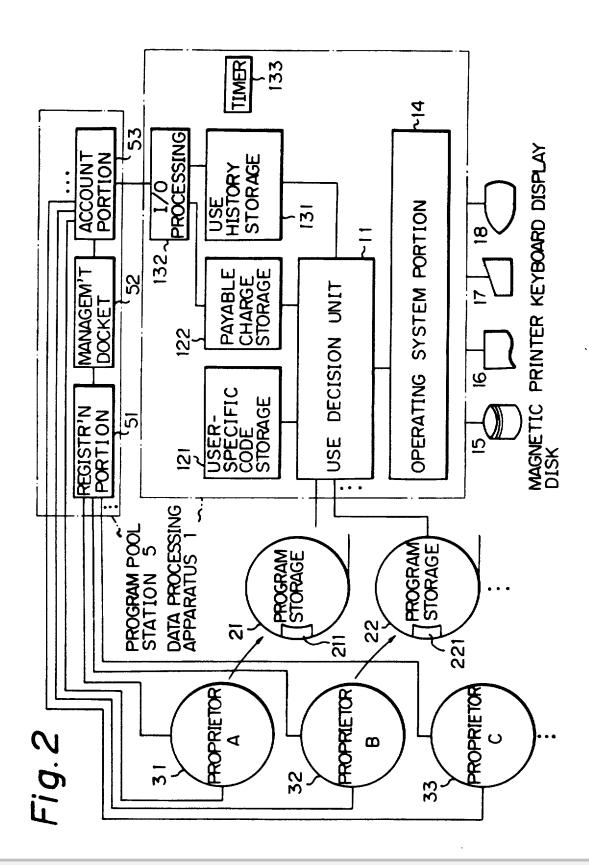
3 Claims, 10 Drawing Sheets













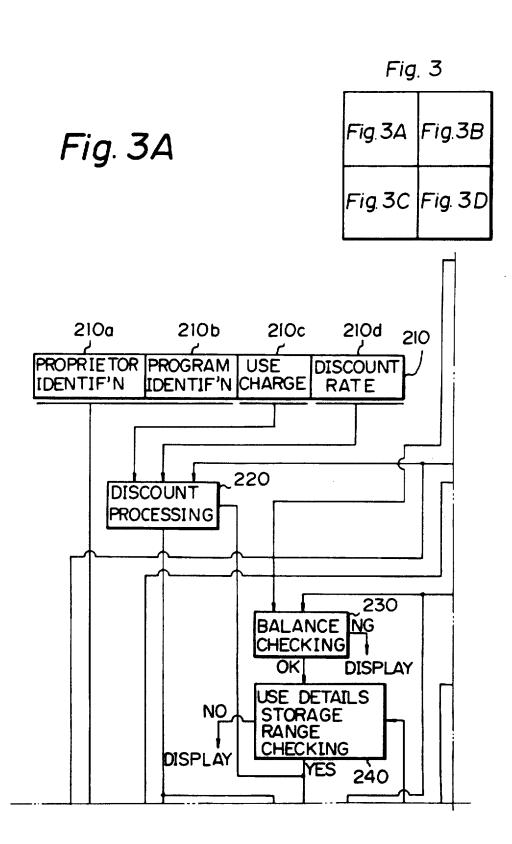
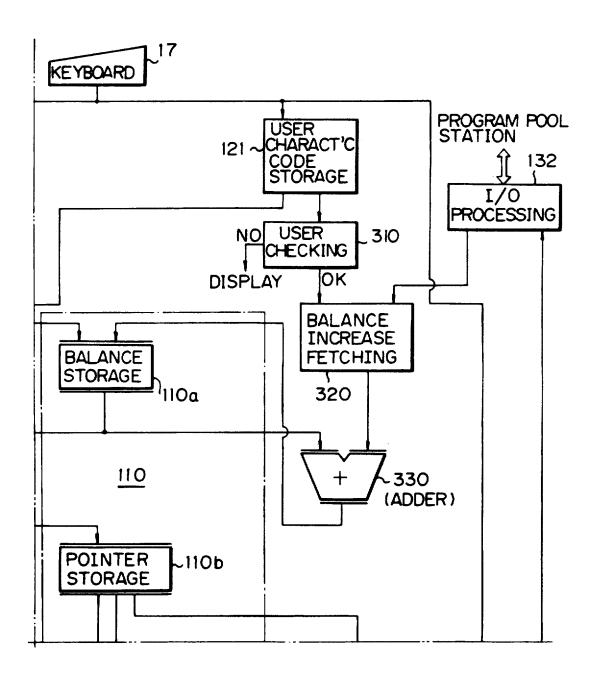




Fig. 3B





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