

## United States Patent [19]

### Bauer et al.

### [54] NETWORK MANAGEMENT AGENT WITH USER CREATED OBJECTS PROVIDING ADDITIONAL FUNCTIONALITY

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- [21] Appl. No.: 752,152

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- [22] Filed: Aug. 29, 1991
- [51] Int. Cl.<sup>5</sup> ...... G06F 13/00
- 364/DIG. 1; 364/221; 364/222.81; 364/222.82; 364/280; 364/280.2; 364/280.3; 364/284

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# [11] Patent Number: 5,367,635 [45] Date of Patent: Nov. 22, 1994

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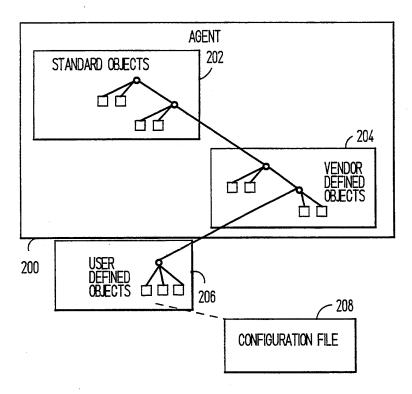
Primary Examiner—Thomas M. Heckler Assistant Examiner—J. Hall Backenstose Attorney, Agent, or Firm—Augustus W. Winfield

### ABSTRACT

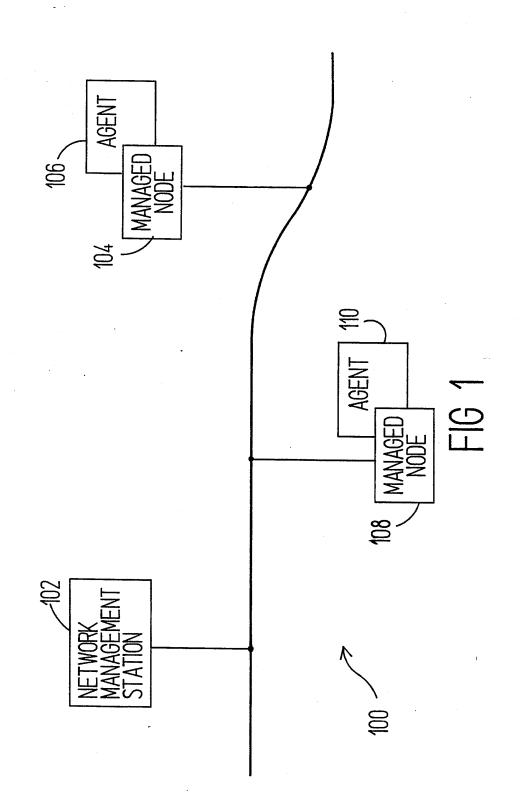
[57]

A computer network management software agent which includes the ability for users to add new user defined management objects. A user editable text file defines object identifications, object types, and the path and name of associated executable software. A user can then invoke user defined executable software at a managed node by sending a network command and a user defined associated object identifier to the agent in the managed node. Data can be sent between a user and user defined executable software. A timeout feature generates an error if commands are not completed within a user defined time.

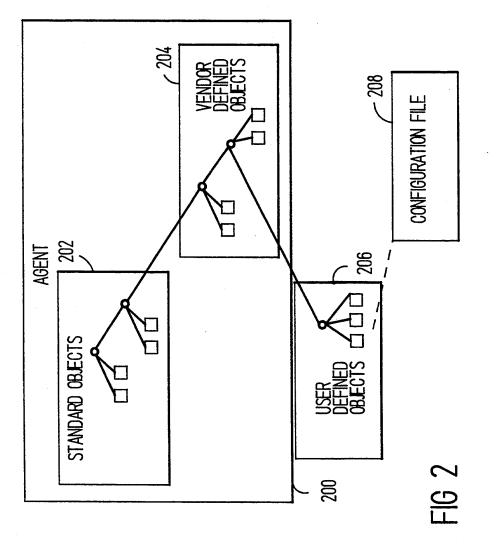
### 1 Claim, 6 Drawing Sheets



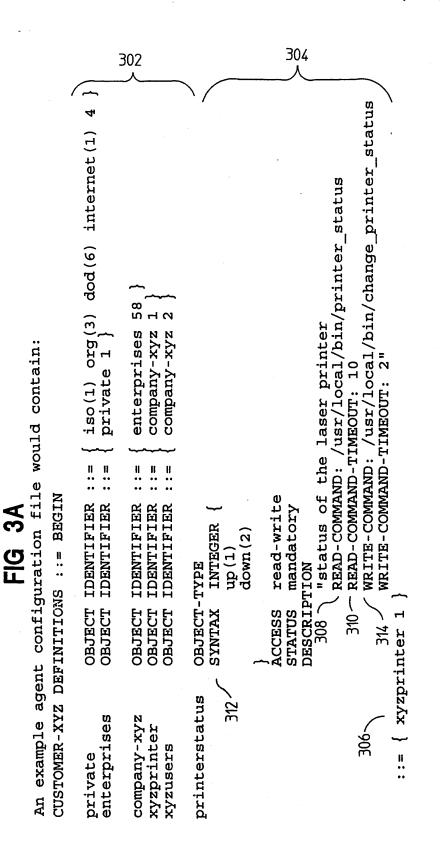
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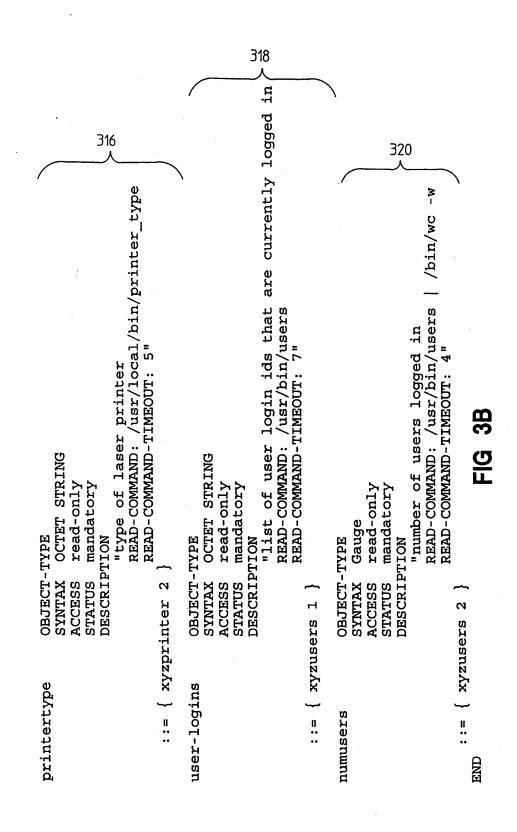
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