

- [54] **METHOD AND SYSTEM FOR REMOTE AUTOMATION OF OBJECT ORIENTED APPLICATIONS**
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- [73] Assignee: **Microsoft Corporation**, Redmond, Wash.
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- [51] Int. Cl.<sup>6</sup> ..... **G06F 13/00**
- [52] U.S. Cl. .... **395/200.33; 395/200.47; 395/200.49**
- [58] Field of Search ..... **395/200.33, 200.3, 395/200.47, 200.48, 200.49, 683, 684**

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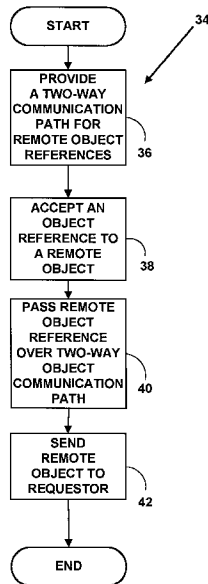
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[57] **ABSTRACT**

An object oriented programming environment is extended to allow a client object oriented application running under a client/server operating system to communicate with a plurality of server object oriented applications located on one or more remote computers in a distributed computer environment. The extended object oriented programming environment provides the capability for a client object oriented application to connect to, and communicate with remote server object oriented applications as well as make object references to remote objects and remote object data. The extended object oriented programming environment is used for designing N-tiered logical models for distributed computing applications, while providing a flexible and adaptable M-tiered physical model underneath the N-tiered logical model. This environment is also used to provide the ability to reference remote objects from Internet and other client network applications.

**19 Claims, 8 Drawing Sheets**



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**EXHIBIT 1014**

FIG. 1

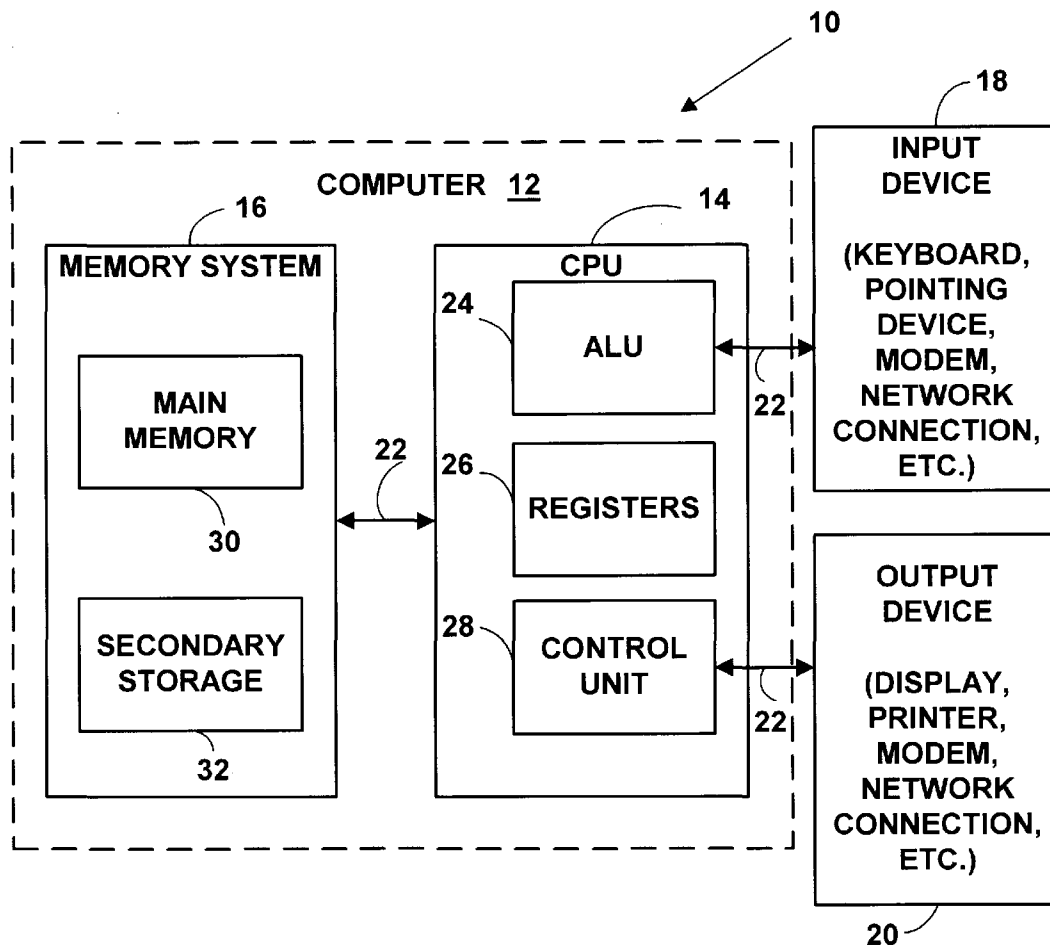


FIG. 2

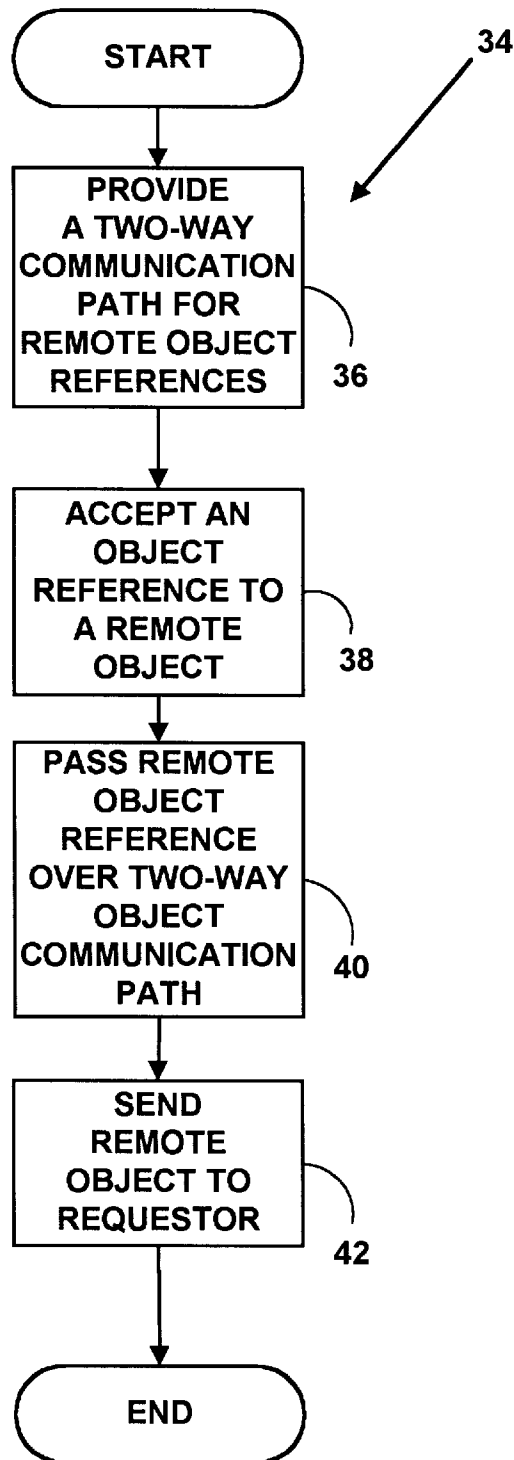
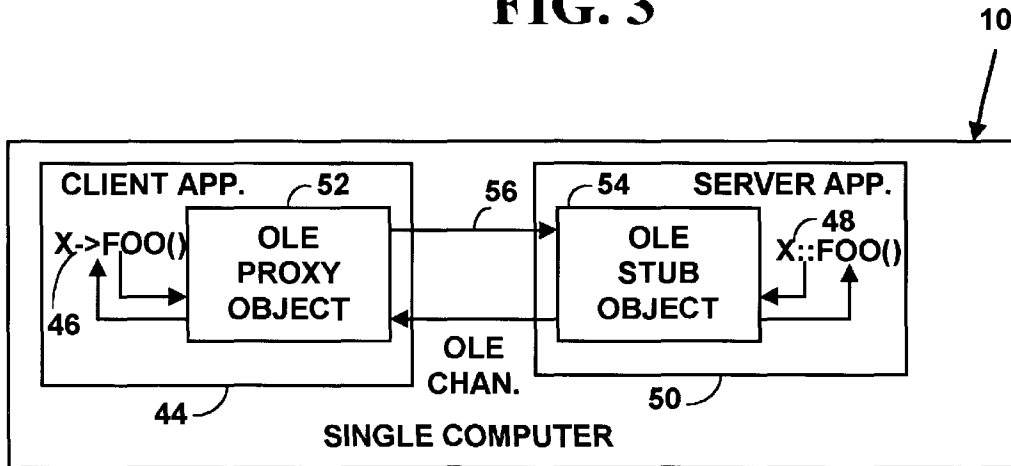


FIG. 3



PRIOR ART ILLUSTRATION

FIG. 4

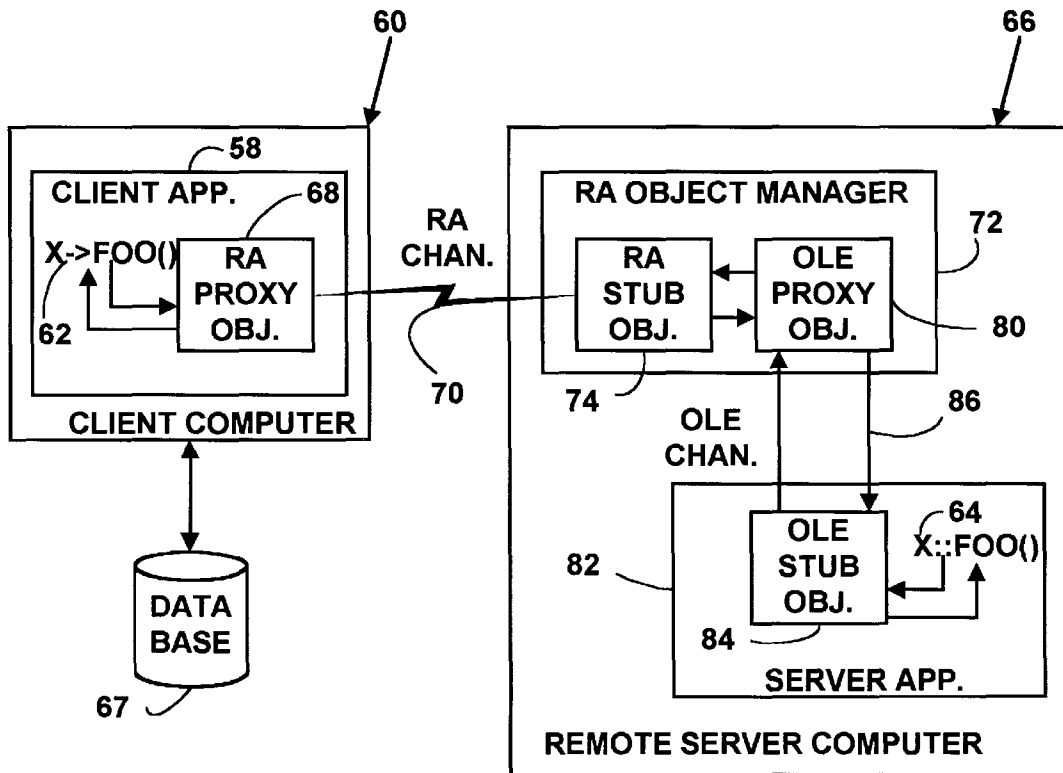


FIG. 5

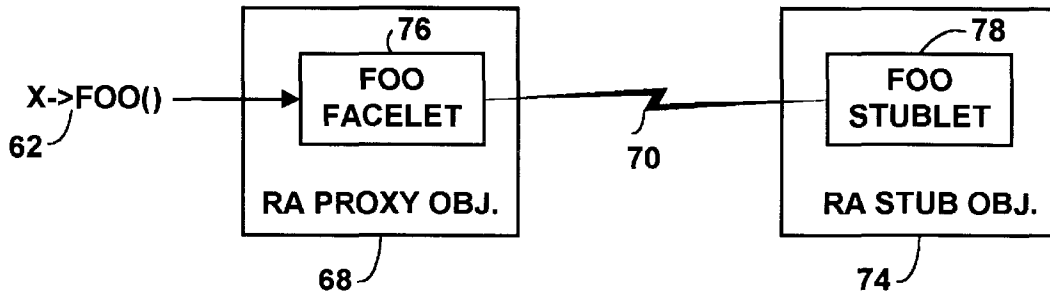
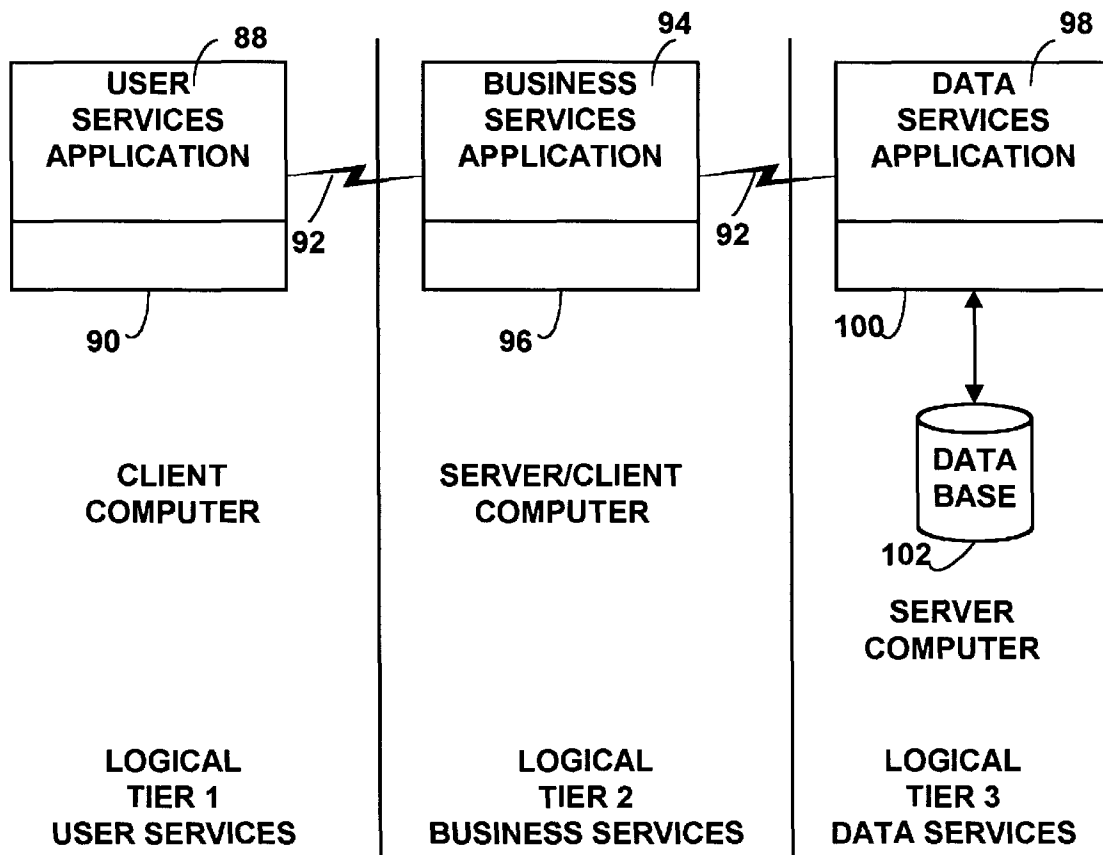


FIG. 6



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