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United States Patent [19]

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Reid

[45] Date of Patent: **Oct. 10, 2000**

[54] **ENTERPRISE NETWORK MANAGEMENT DIRECTORY CONTAINING NETWORK ADDRESSES OF USERS AND DEVICES PROVIDING ACCESS LISTS TO ROUTERS AND SERVERS**

[56] **References Cited**
U.S. PATENT DOCUMENTS

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5,825,772	10/1998	Dobbins et al.	370/396

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Primary Examiner—Krisna Lim
Attorney, Agent, or Firm—John E. Vandigriff

[21] Appl. No.: **08/956,697**

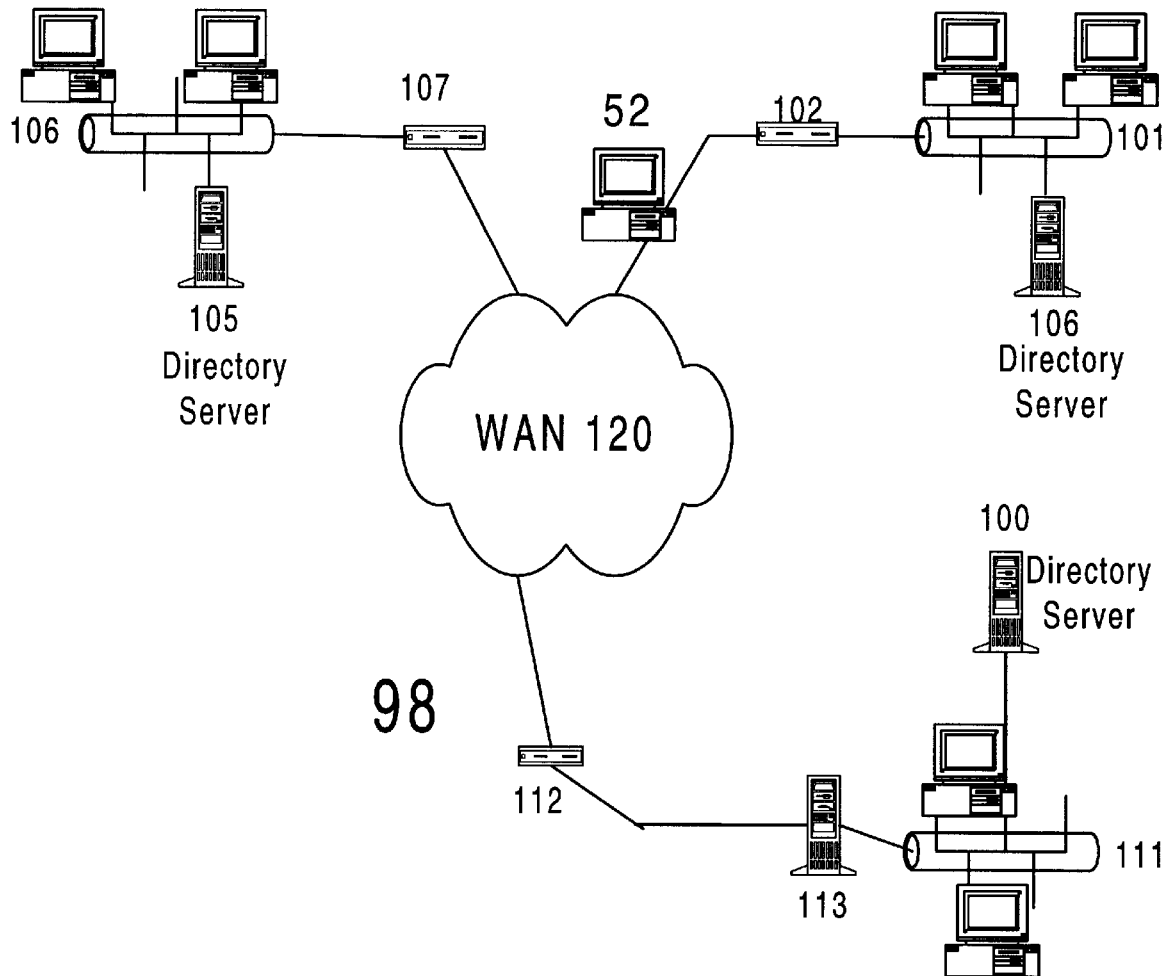
[57] **ABSTRACT**

[22] Filed: **Oct. 24, 1997**

An enterprise network using a wide area network (WAN), and having routers and servers, uses a master directing to determine access rights, including the ability to access the WAN through the routers and the ability to access the sewer over the WAN.

[51] Int. Cl.⁷ **G06F 15/173; G06F 15/16**
[52] U.S. Cl. **709/225; 709/238; 709/249**
[58] Field of Search **709/225, 238, 709/249**

23 Claims, 8 Drawing Sheets



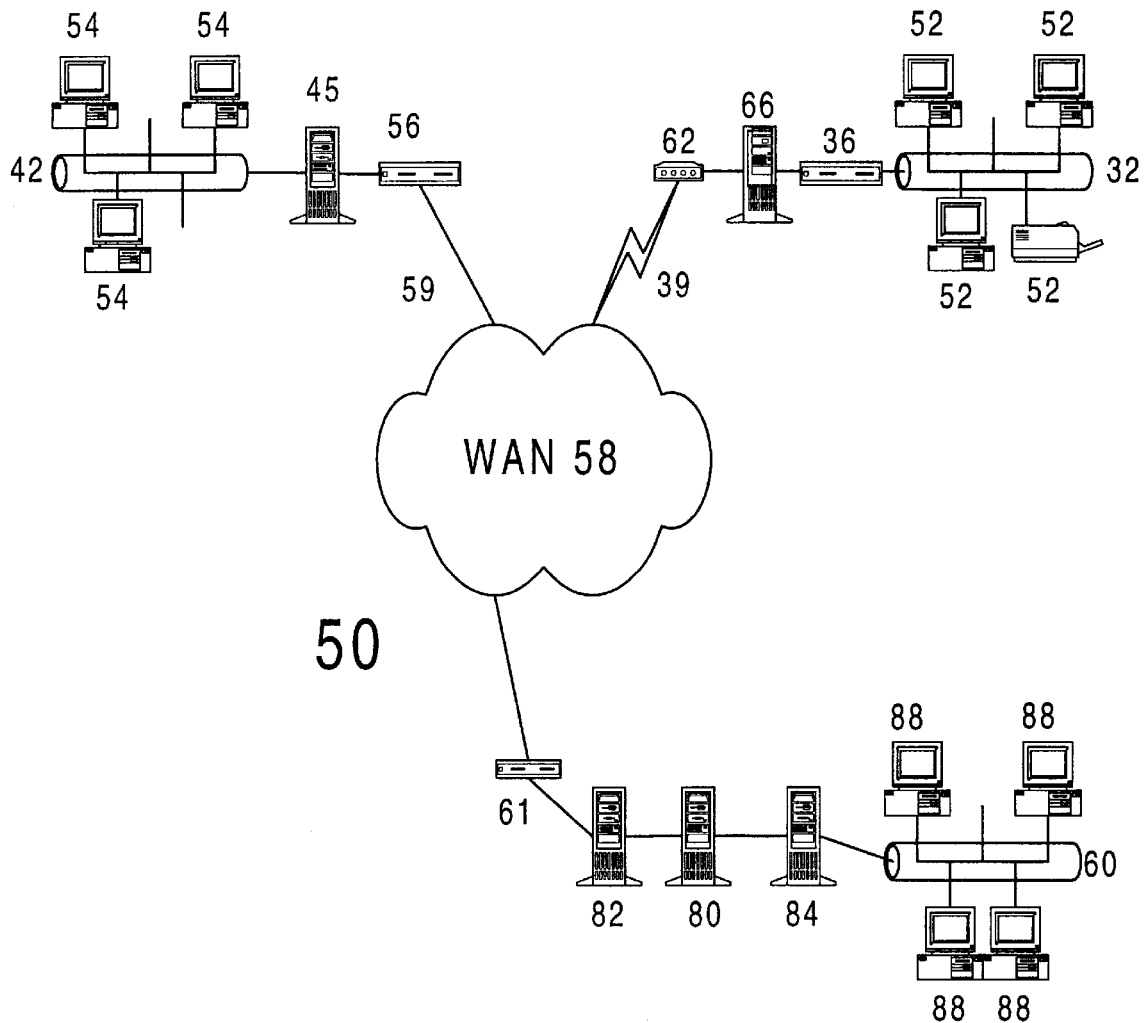


Figure 1
(Prior Art)

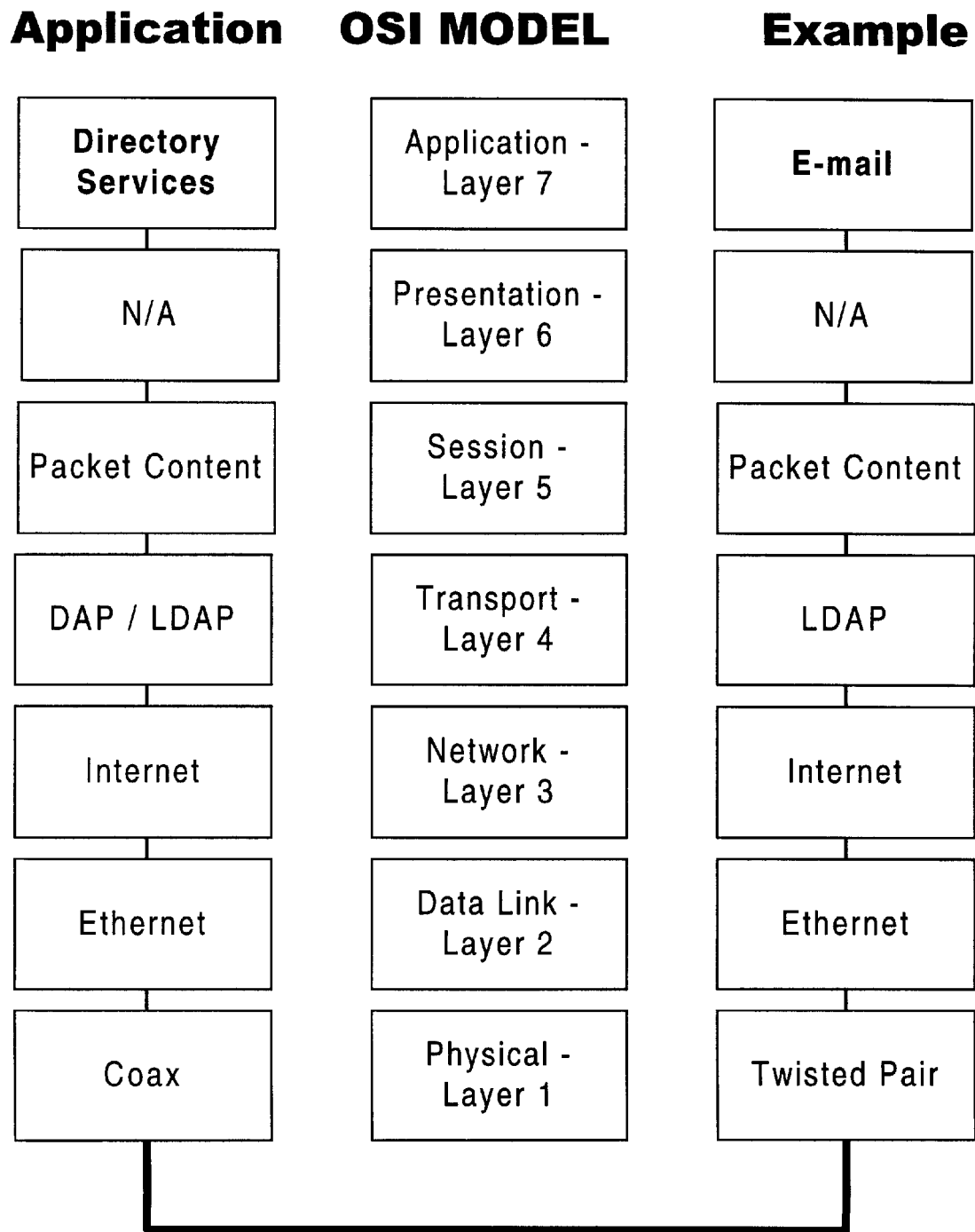


Figure 2
(Prior Art)

Application OSI Model Network Device

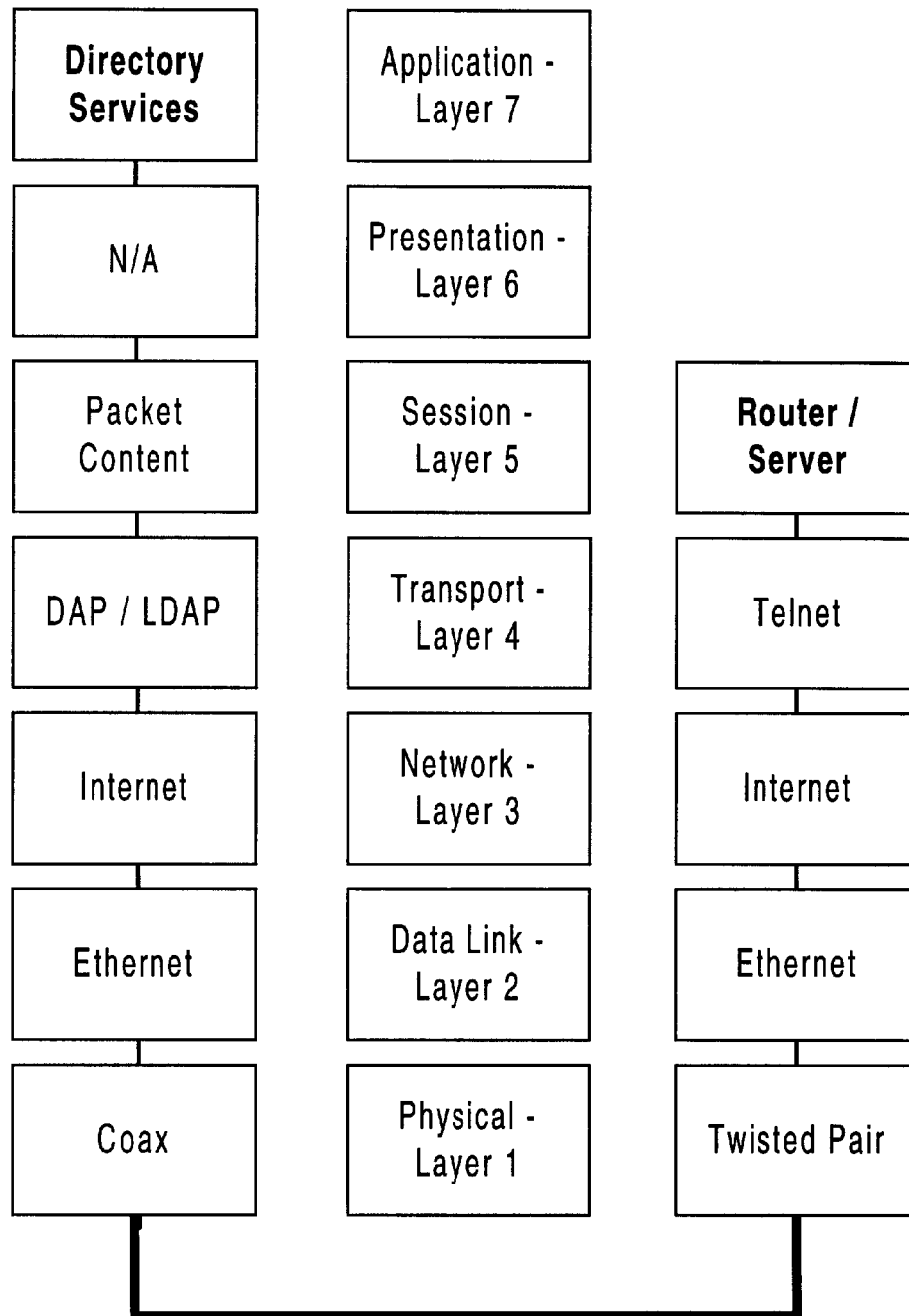


Figure 3
(Prior Art)

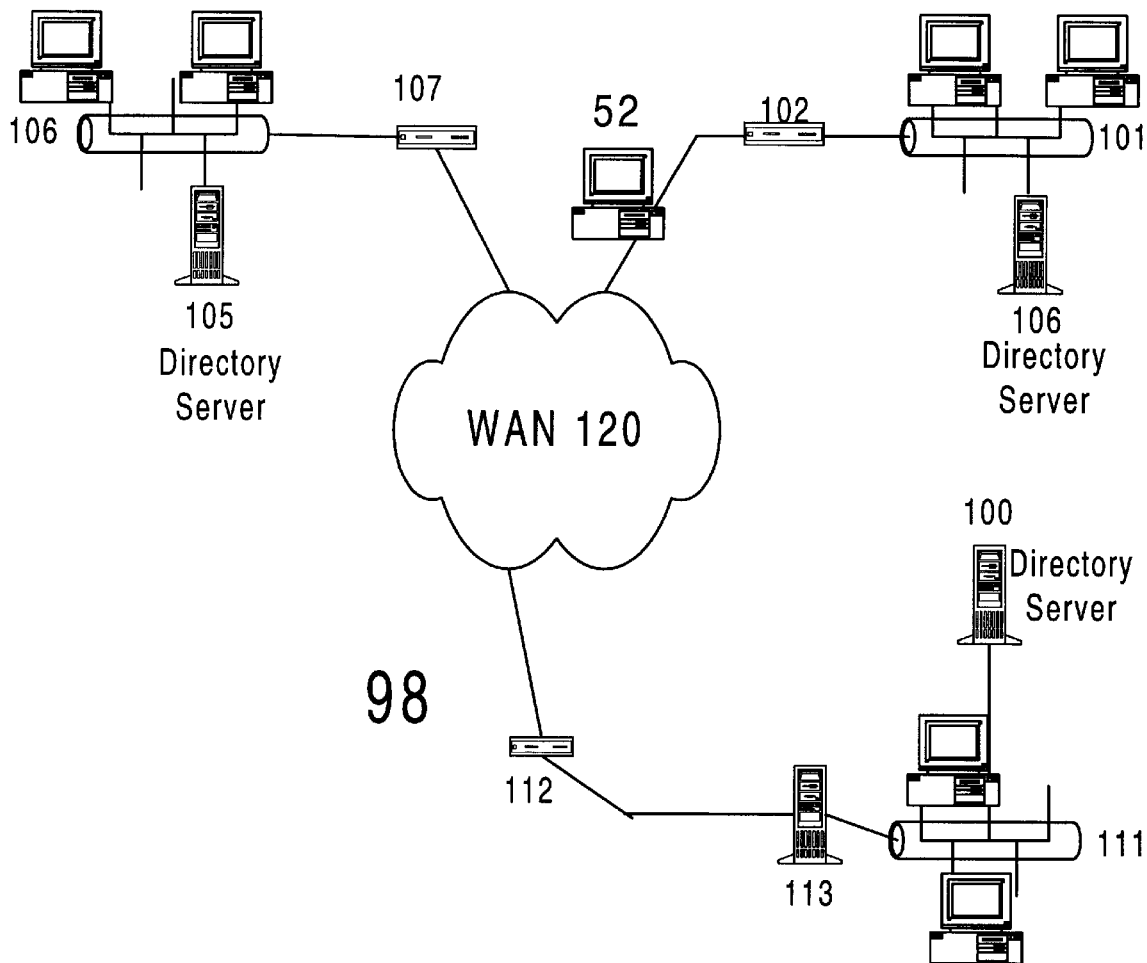


Figure 4

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