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Fang et al.

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(54) **SINGLE SIGN-ON (SSO) MECHANISM**
PERSONAL KEY MANAGER

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(51) **Int. Cl.**⁷ **H04L 9/00**

(52) **U.S. Cl.** **713/202; 713/201; 713/183; 709/229; 707/9**

(58) **Field of Search** **713/201, 153, 713/155, 183, 202; 709/229; 707/9**

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Primary Examiner—Robert Beausoleil

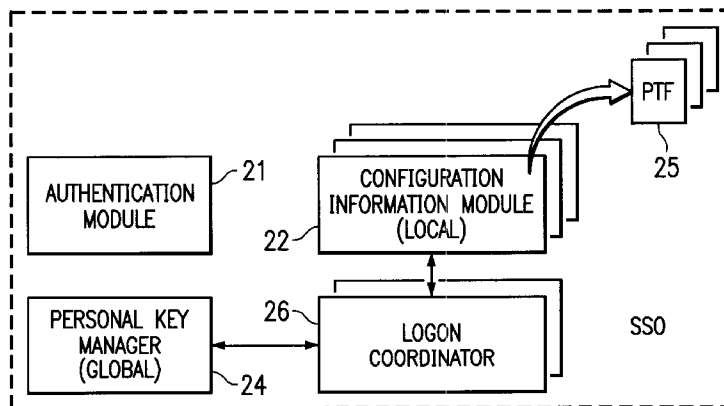
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(57) **ABSTRACT**

A method of managing passwords of users desiring access to multiple target resources in a computer enterprise environment. For each given user, each of a set of id/password pairs is associated to each of a set of one or more respective targets. Each id/password pair is normally required to access a respective target resource. The targets of each given user are stored in a globally-accessible database. In response to entry by a given user at a client machine of a single-sign on (SSO) id/password, the globally-accessible database is accessed from a personal key manager (PKM) server to retrieve the targets of the given user. The targets are returned to the PKM server, which then uses data therein to access the respective target resources on behalf of the given user at the client machine.

31 Claims, 8 Drawing Sheets



Plaid Technologies Inc.

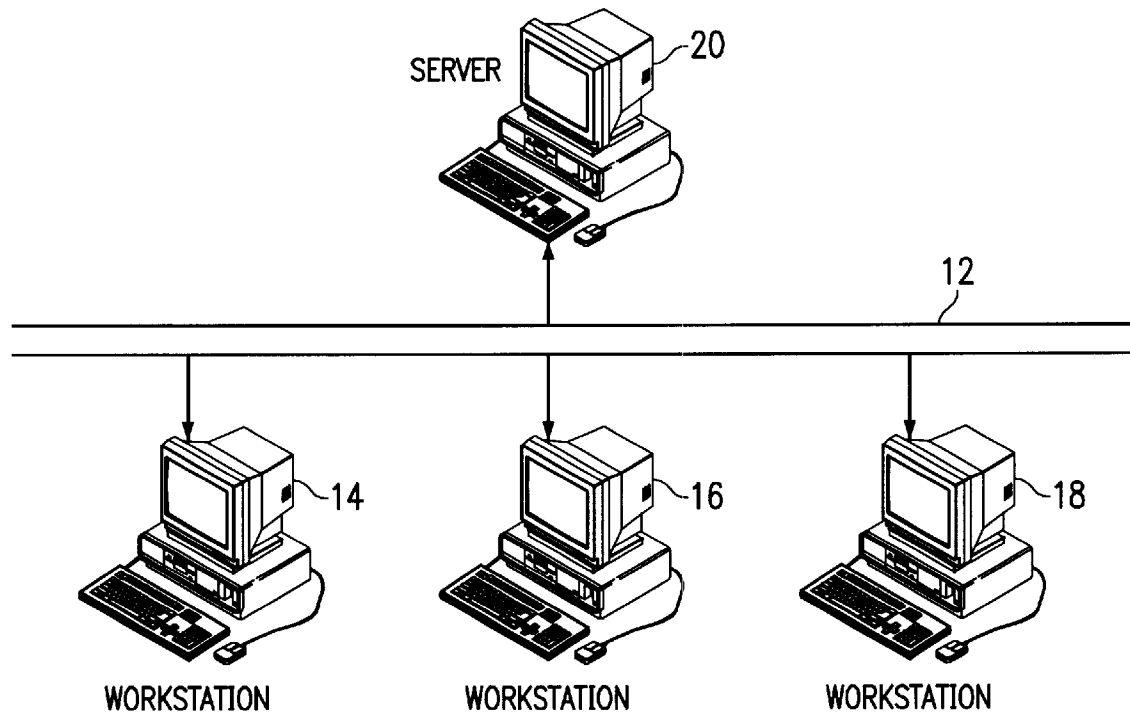


FIG. 1

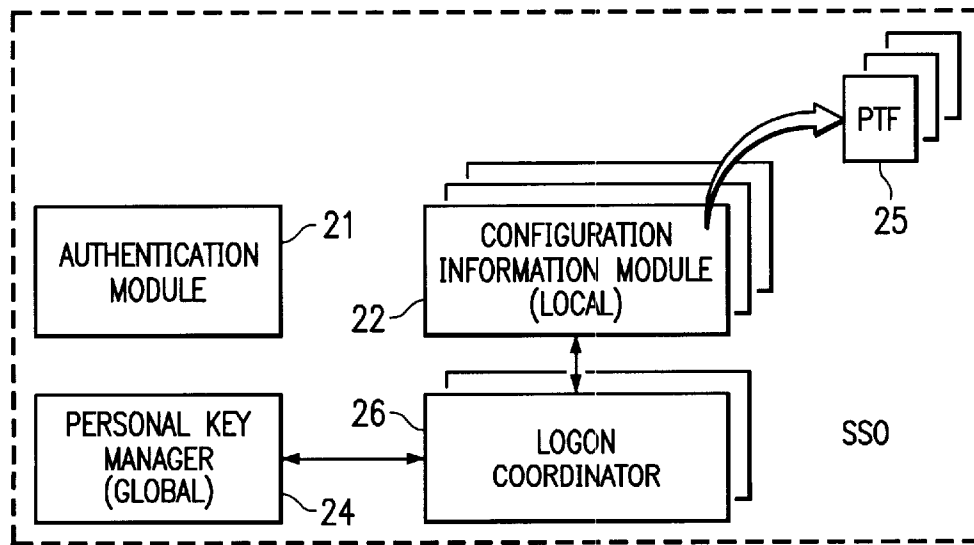
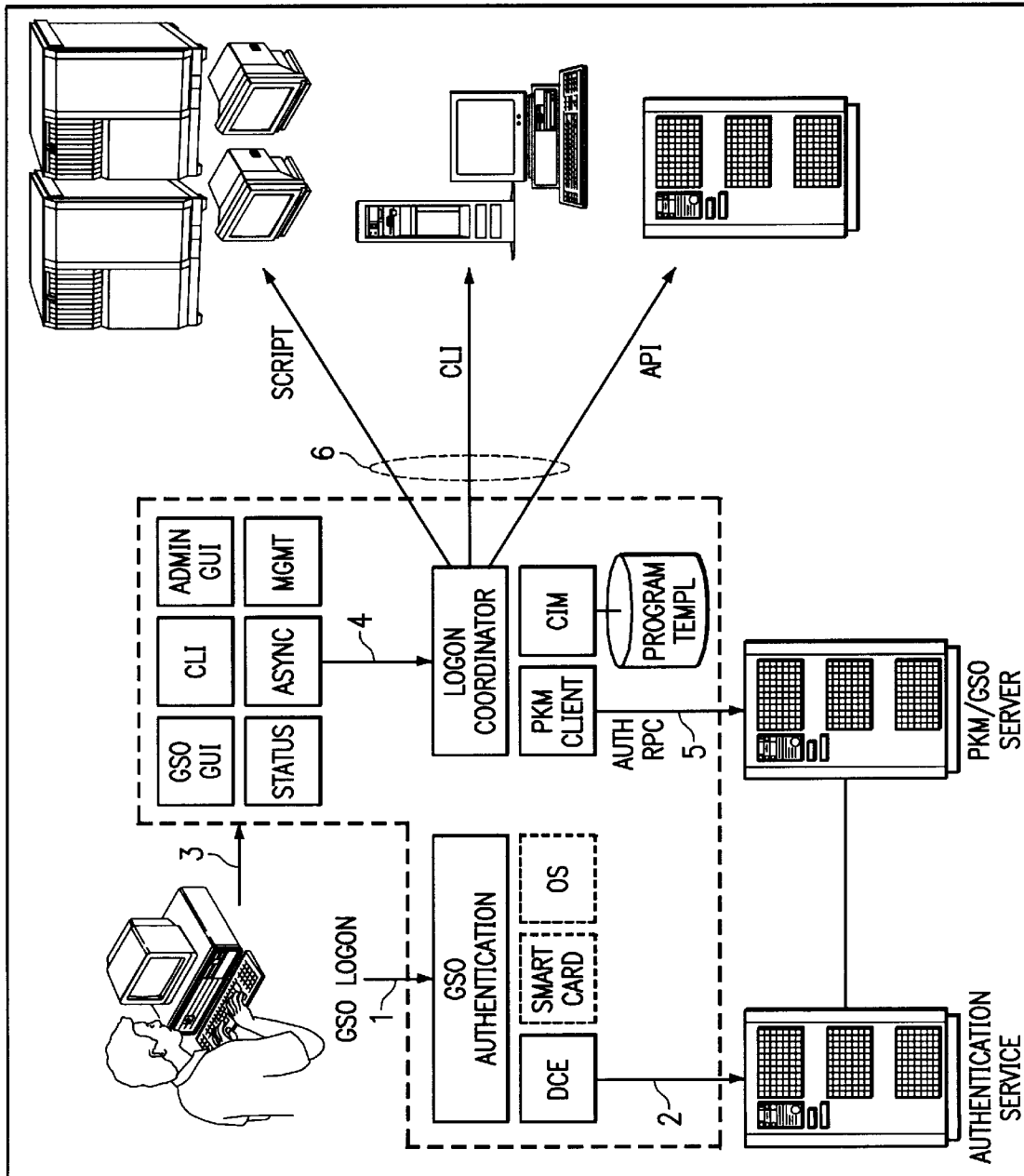


FIG. 2

FIG. 3



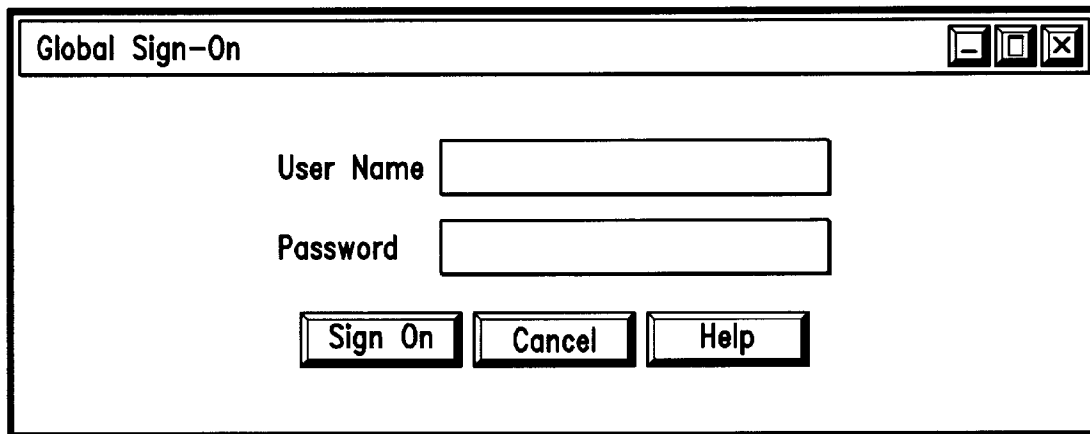


FIG. 4

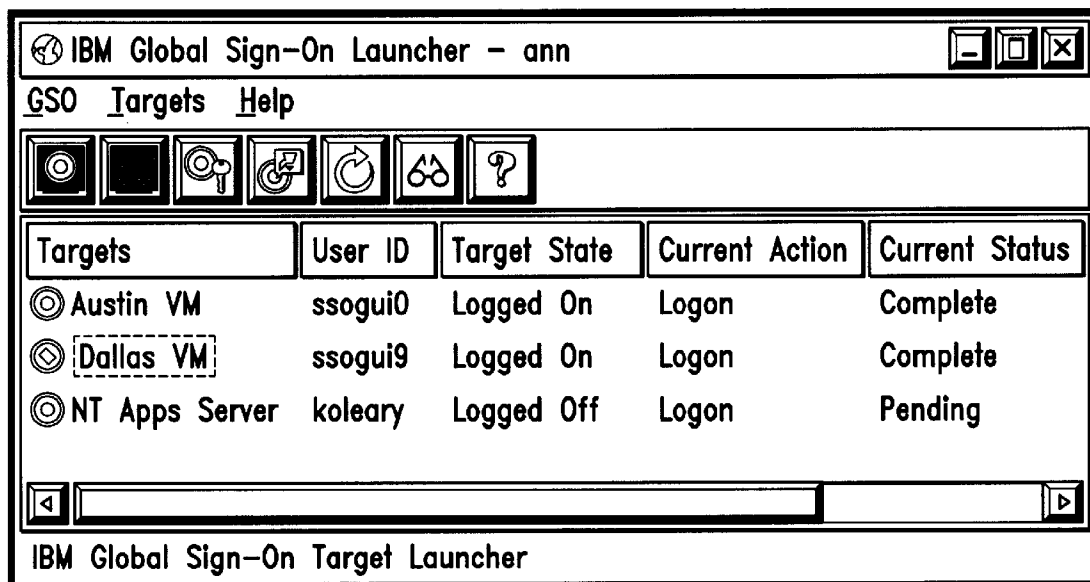


FIG. 5

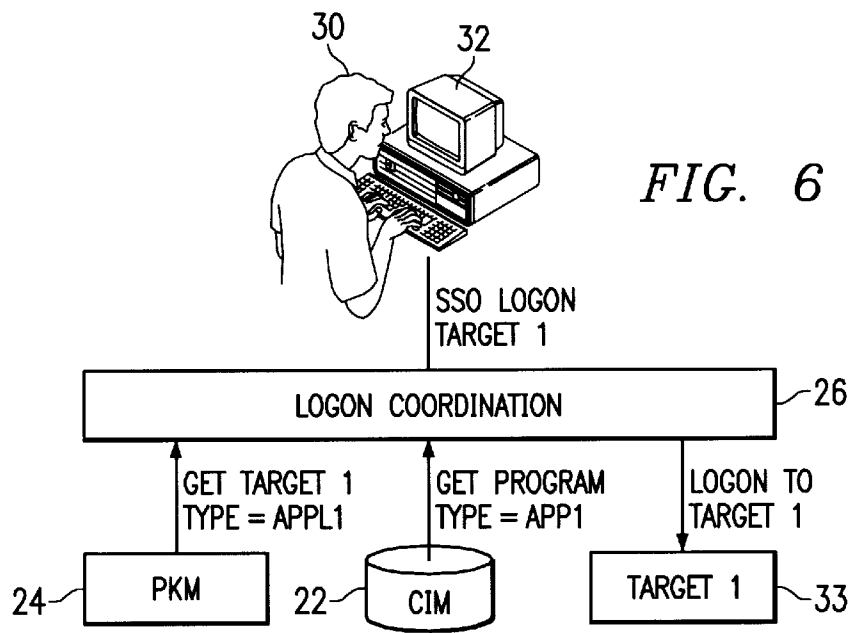


FIG. 6

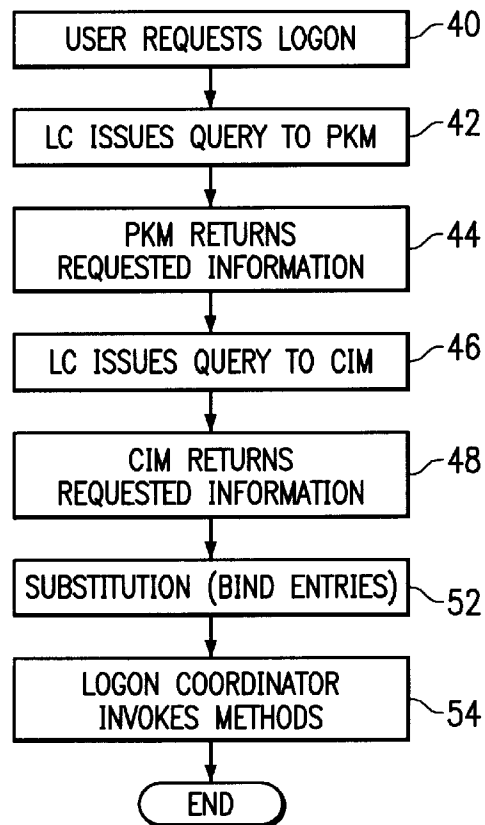


FIG. 7

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