EXHIBIT D

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US006728766B2

(12) **United States Patent**
Cox et al.

(10) **Patent No.: US 6,728,766 B2**
(45) **Date of Patent: Apr. 27, 2004**

(54) **METHODS, SYSTEMS AND COMPUTER PROGRAM PRODUCTS FOR LICENSE USE MANAGEMENT ON A NETWORK**

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(*) Notice: Subject to any disclaimer, the term of this patent is extended or adjusted under 35 U.S.C. 154(b) by 0 days.

(21) Appl. No.: **09/829,854**

(22) Filed: **Apr. 10, 2001**

(65) **Prior Publication Data**

US 2001/0013064 A1 Aug. 9, 2001

Related U.S. Application Data

(62) Division of application No. 09/211,529, filed on Dec. 14, 1998, now Pat. No. 6,324,578.

(51) **Int. Cl.**[7] **G06F 15/177**

(52) **U.S. Cl.** **709/220**; 709/223; 709/224; 713/1; 713/2; 713/100

(58) **Field of Search** 709/223, 224, 709/220, 229; 705/59; 713/200, 201, 1, 2, 100

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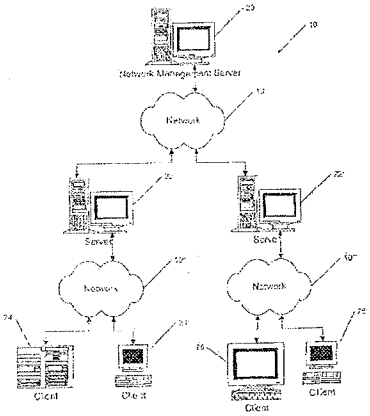
(57) **ABSTRACT**

Management of configurable applications programs on a network is provided by using two program files for each configurable application program. The two program files are provided to a network server station which operates as the on-demand server for software deployment and may also act as the application server. The on-demand server makes the first (configuration manager) program available to an administrator to obtain preferences for the configurable preferences of the application program which have been designated as administrator preferences. The on-demand server also provides a second (application launcher) program to its client stations. The application launcher program not only provides for a user interface to execute the application program itself but also allows a user to specify one or more of the configurable parameters of the application program. An icon is displayed on the screen of the client station through which a user may initiate execution of the application program. The application launcher program provides the identity of the user to the server along with the request to initiate execution of the application program. The on-demand server then initiates execution of the application program using stored values for the user and administrator set preferences or, if no preferences have yet been obtained for the particular user, obtains user preferences before initiating execution of the application program.

18 Claims, 5 Drawing Sheets



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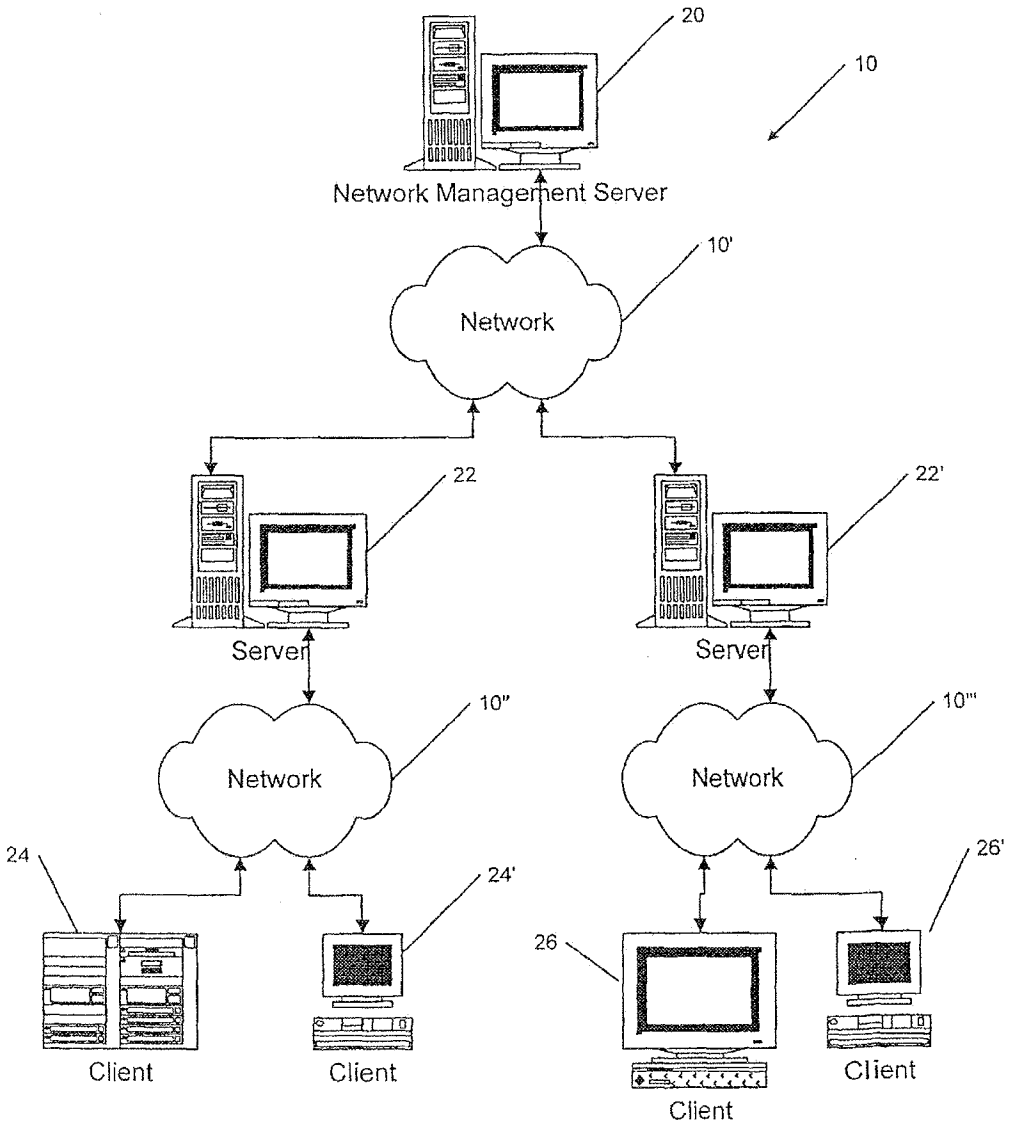

FIG. 1

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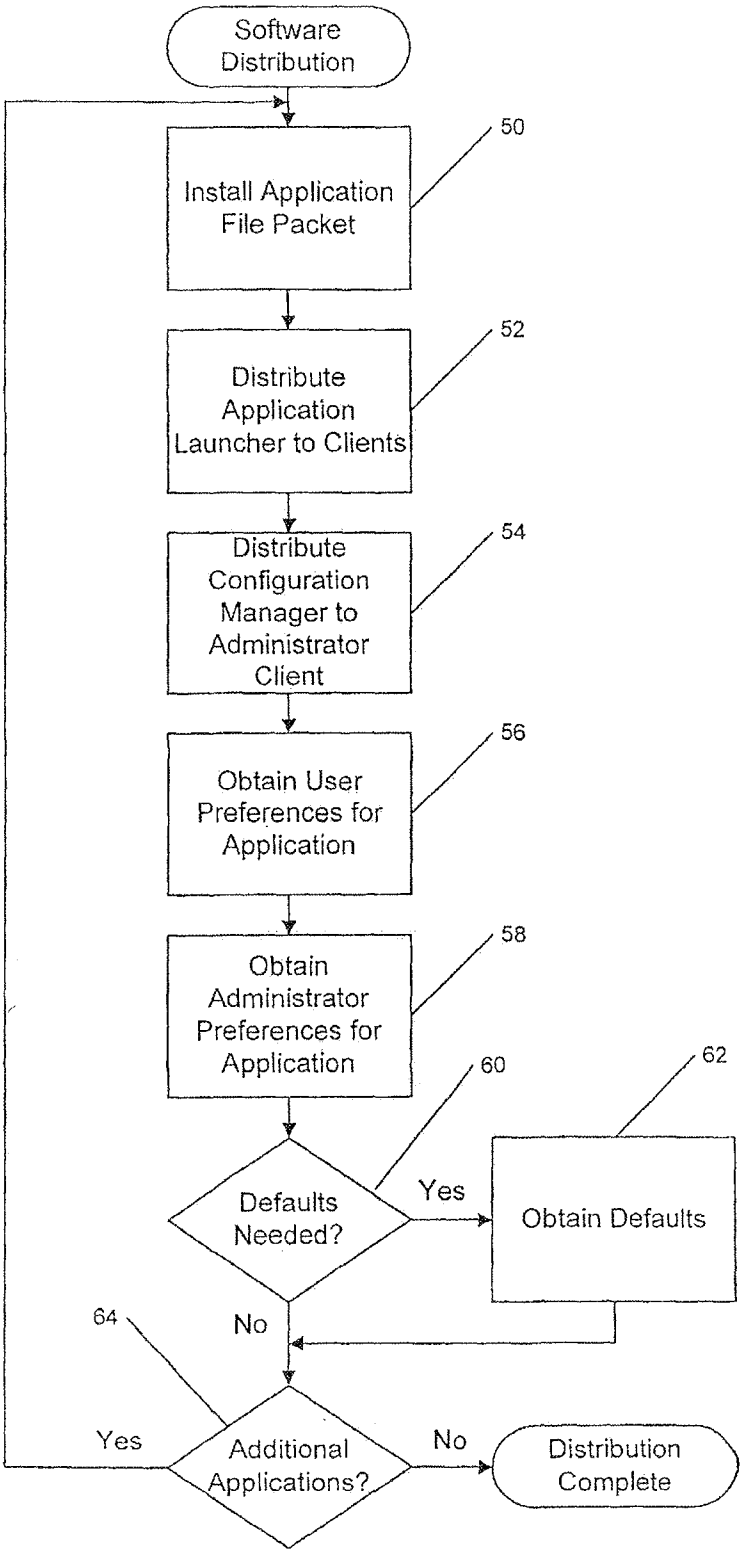

FIG. 2

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