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United States Patent [19]

Heath et al.

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[54]	SYSTEMS AND METHODS FOR
	AUTOMATIC APPLICATION VERSION
	UPGRADING AND MAINTENANCE

[75] Inventors: Clifford Heath, Mount Waverly; Graeme Port, Surrey Hills, both of Australia; Steven Klos, Nashua; Graeme Greenhill, Londonderry, both

of N.H.

[73] Assignee: Open Software Associates, Ltd.,

Kingwood, Australia

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[52]	ILS. CL	395/712

[58] 395/200.5, 200.47, 200.49, 500, 181; 707/203, 507, 200; 380/4; 370/316

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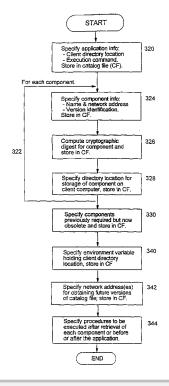
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Primary Examiner—Tod R. Swann Assistant Examiner—Matthew Smithers Attorney, Agent, or Firm-Hamilton, Brook, Smith & Reynolds, P.C.

[57] **ABSTRACT**

The present invention relates to methods and systems for maintaining application programs on a client computer in a client-server network environment. The task of dynamically upgrading components in the application program running on a client is greatly simplified by rendering control to the individual client rather than to a central server. The version updating procedures of the present invention further provides steps to ensure speedy and error-free transfer of the required files and components through an open network environment, such as the Internet.

96 Claims, 13 Drawing Sheets





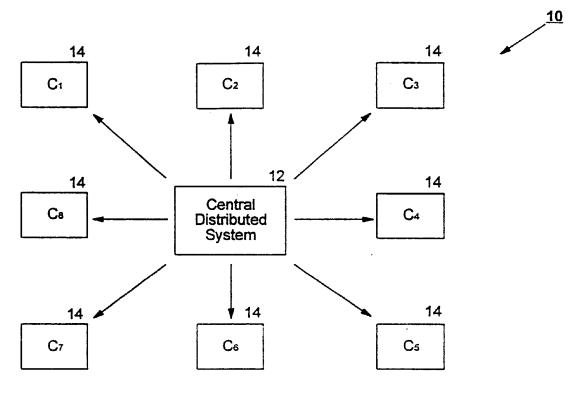


Figure 1

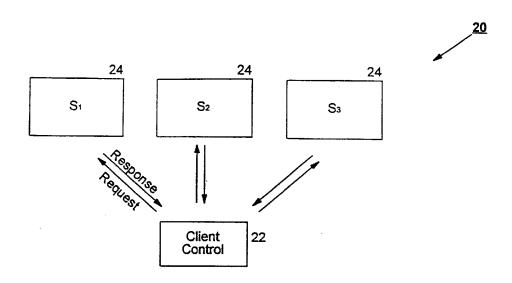


Figure 2A

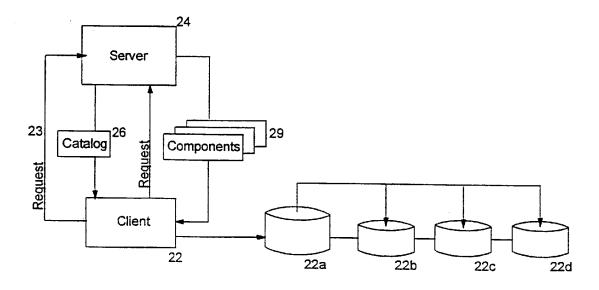


Figure 2B

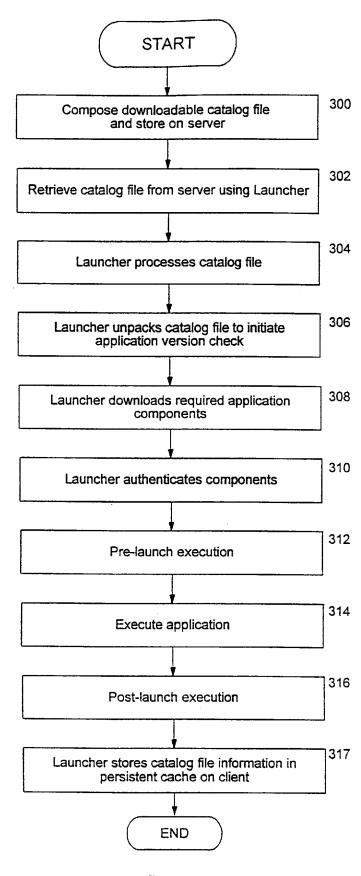


Figure 3A



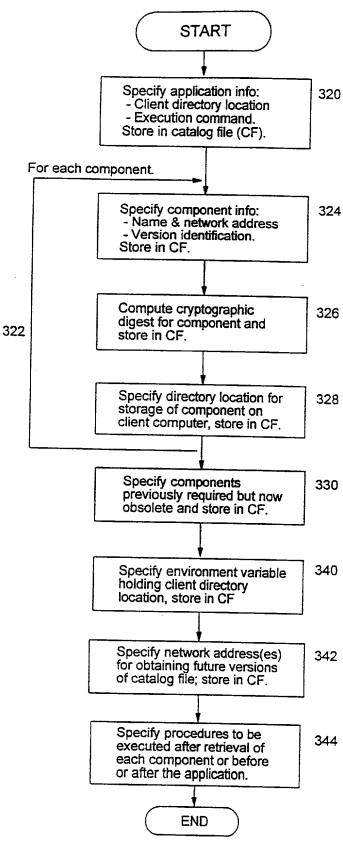


Figure 3B

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