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(54) **METHOD AND SYSTEM FOR ACCELERATING DOWNLOADING OF WEB PAGE CONTENT BY A PEER-TO-PEER NETWORK**

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(57) **ABSTRACT**

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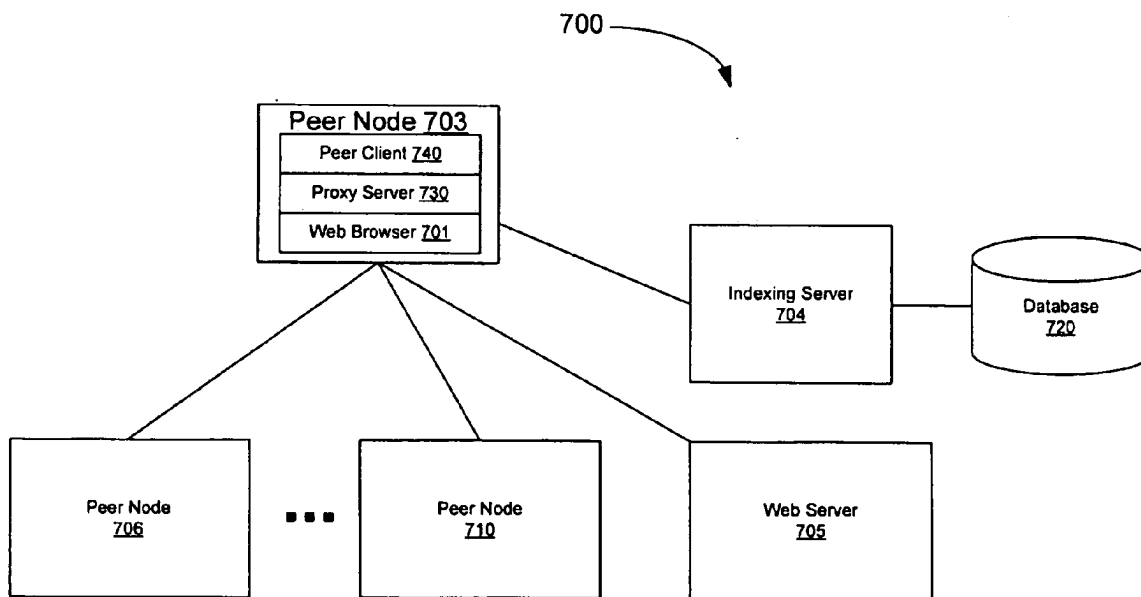
A method and system for accelerating downloading and displaying of content in web pages in a peer-to-peer network is provided. A peer-to-peer network client captures a download request from a web browser, and submits a query that includes an identifier of the file to an indexing server. The peer-to-peer network client receives a peer list including connectivity information of a peer node that has stored at least a portion of the file content. The peer-to-peer network client then connects with the peer node, and downloads the portion from the peer node. The peer-to-peer client conveys the downloaded portion to the web browser.

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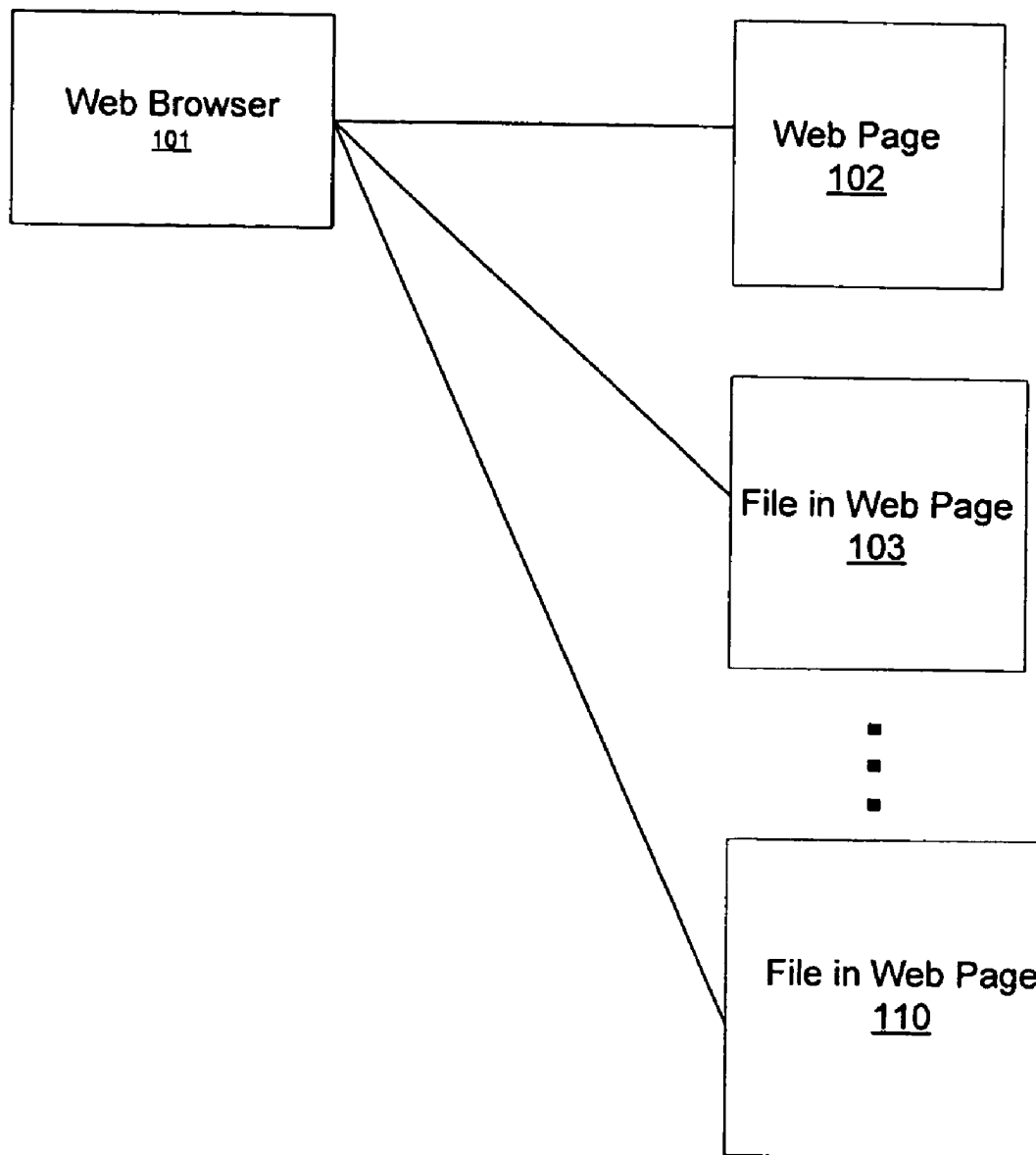


Figure 1

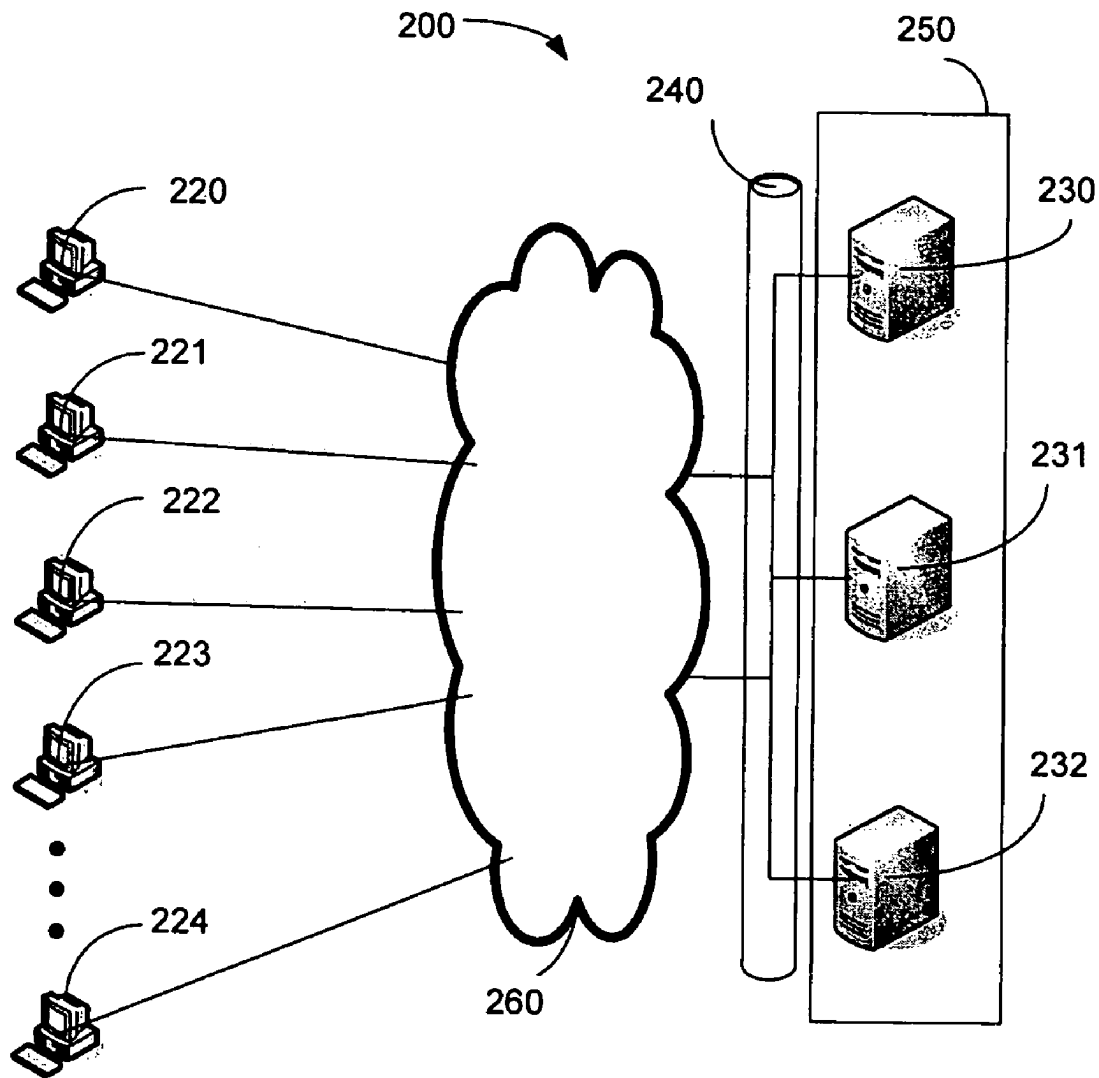


Figure 2

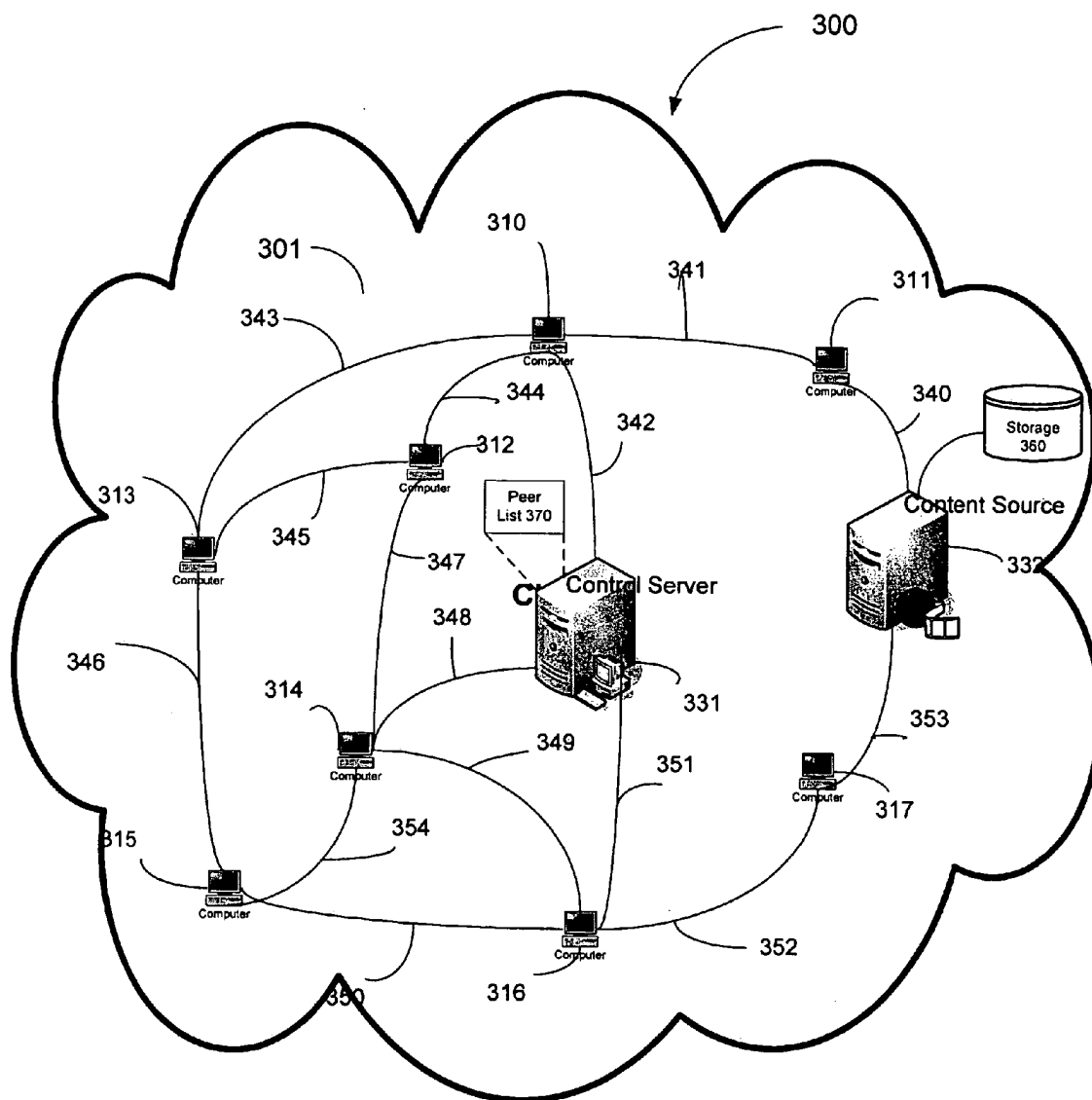


Figure 3

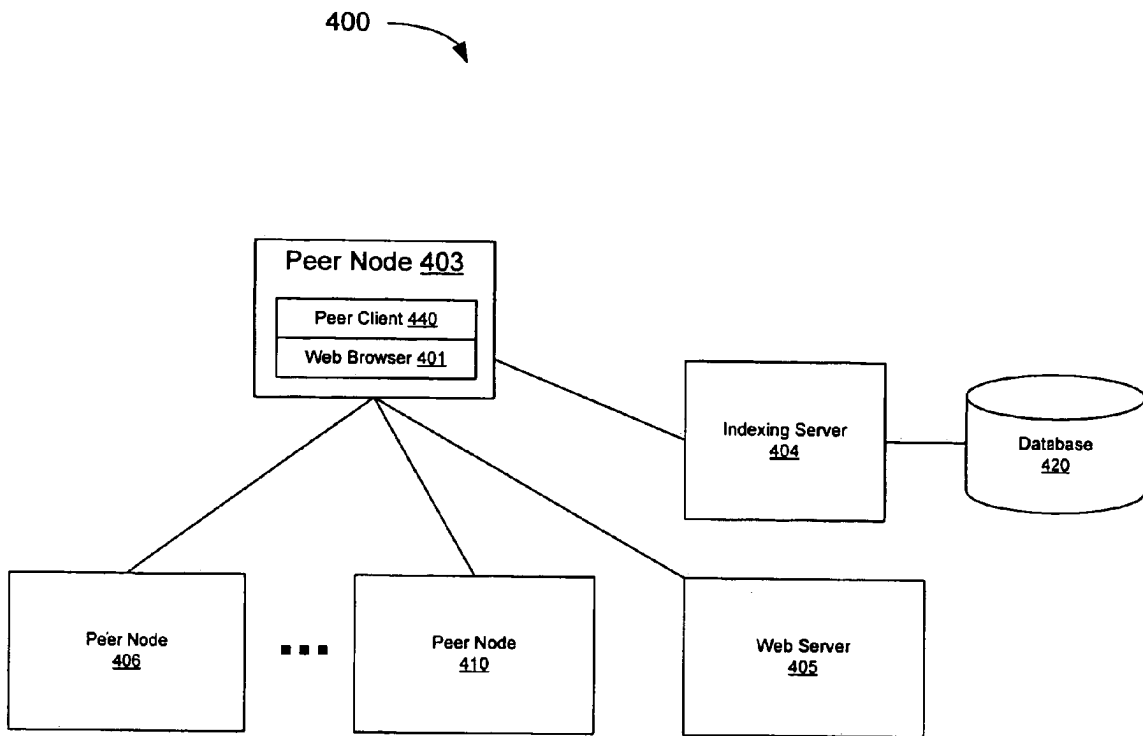


Figure 4

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