



**United States Patent** [19]  
**Nielsen**

[11] **Patent Number:** **5,925,106**  
[45] **Date of Patent:** **Jul. 20, 1999**

[54] **METHOD AND APPARATUS FOR OBTAINING AND DISPLAYING NETWORK SERVER INFORMATION**

[75] Inventor: **Jakob Nielsen**, Atherton, Calif.

[73] Assignee: **Sun Microsystems, Inc.**, Mountain View, Calif.

[21] Appl. No.: **08/628,418**

[22] Filed: **Apr. 5, 1996**

[51] **Int. Cl.<sup>6</sup>** ..... **H04N 1/00**

[52] **U.S. Cl.** ..... **709/247; 707/513**

[58] **Field of Search** ..... 395/200.33, 200.49, 395/200.57, 200.8, 968, 200.47, 200.61, 200.68; 707/3, 9, 10, 501, 513

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*Primary Examiner*—Thomas Peeso  
*Attorney, Agent, or Firm*—Daniel B. Curtis

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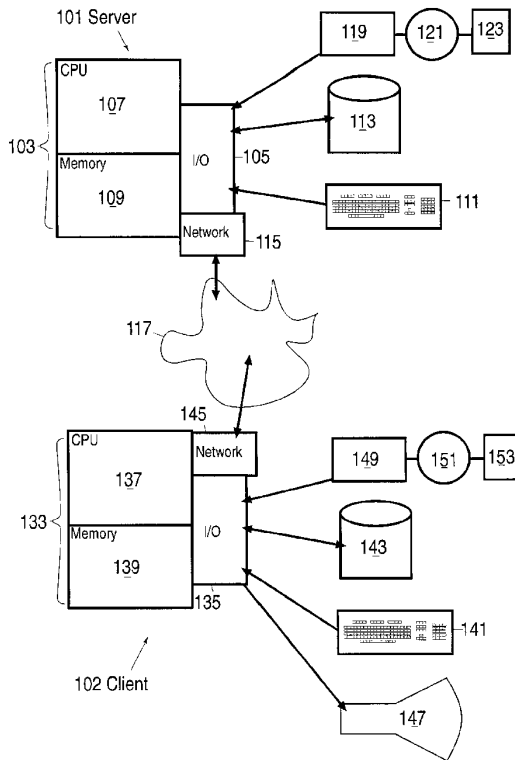
**OTHER PUBLICATIONS**

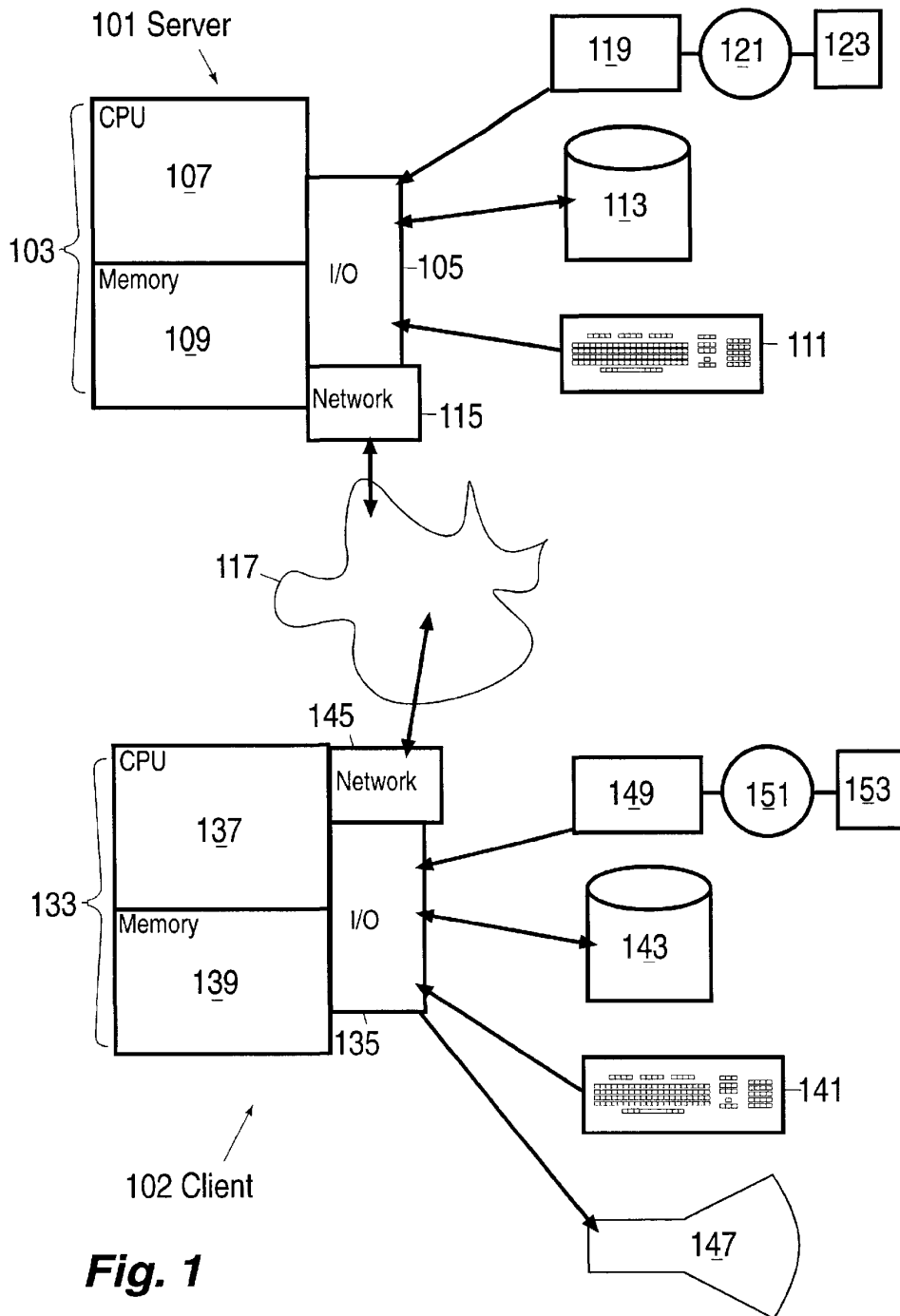
Hypertext Transfer Protocol-HTTP/1.0, by T. Berners-Lee, MIT/LCS, R. Fielding, UC Irvine, H. Frystyk, MIT/LCS, HTTP Working Group, Feb. 19, 1996.

[57] **ABSTRACT**

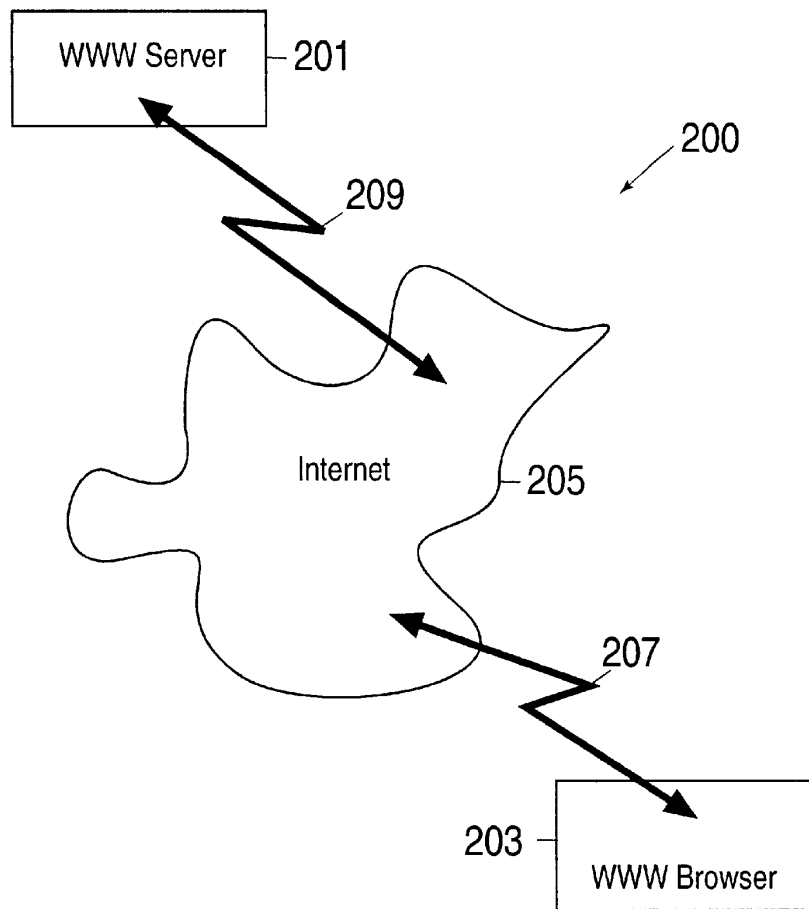
Apparatus, methods, and computer program products are disclosed to simplify a computer user's navigation through a distributed information space. The invention provides the computer user with information identifying the server that provides access to data (or to services) of interest to the user.

**39 Claims, 14 Drawing Sheets**

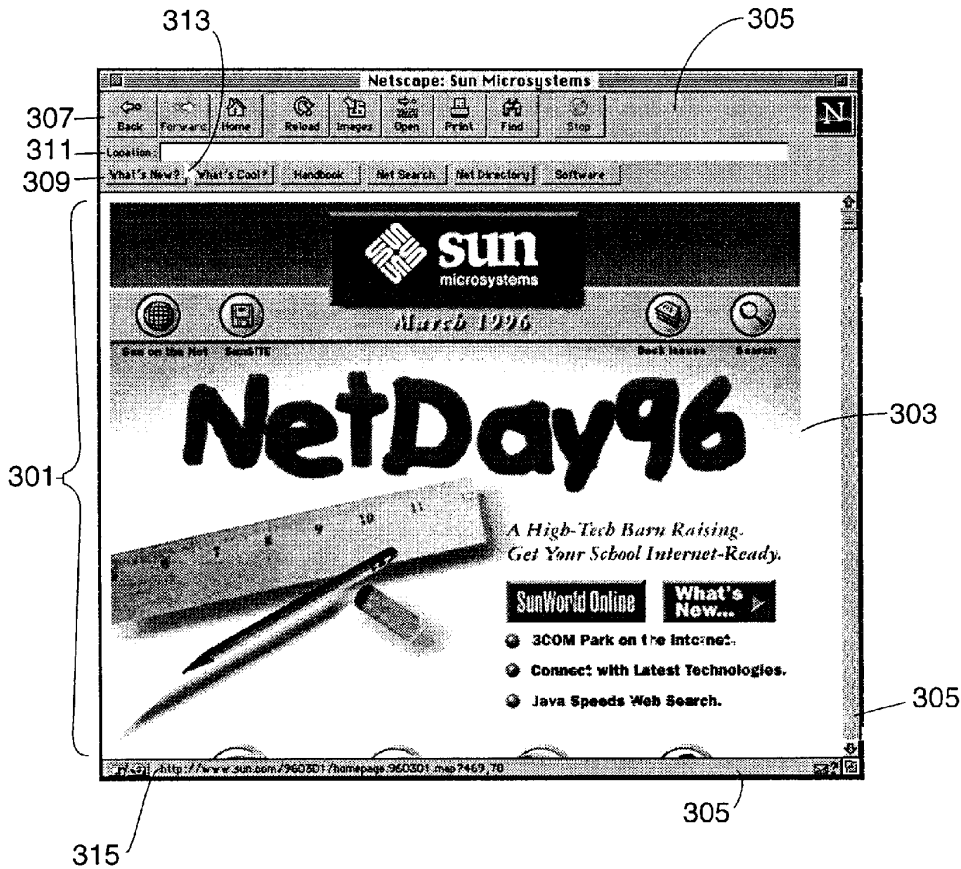




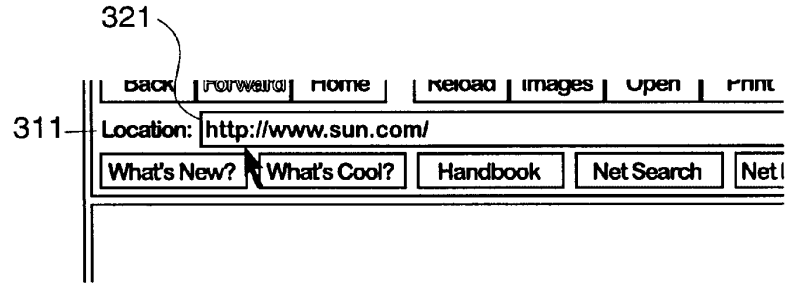
**Fig. 1**



**Fig. 2**  
**(Prior Art)**



**Fig. 3A**  
**(Prior Art)**



**Fig. 3B**  
**(Prior Art)**

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