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United States Patent [19]
Nielsen

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[45] **Date of Patent:** **Jun. 2, 1998**

[54] **METHOD AND APPARATUS FOR
COMBINING TRUNCATED HYPERLINKS
TO FORM A HYPERLINK AGGREGATE**

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[73] **Assignee:** **Sun Microsystems, Inc.**, Palo Alto, Calif.

[21] **Appl. No.:** **674,049**

[22] **Filed:** **Jul. 1, 1996**

[51] **Int. Cl.**⁶ **G06F 17/30**

[52] **U.S. Cl.** **395/200.75; 395/604; 395/605; 395/612**

[58] **Field of Search** **395/604, 605, 395/612, 762, 200.66, 200.75, 200.3, 200.33, 200.97**

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- Baber's Global Directory of Computer...
- Yahoo! - Business and Economy:Compa...
- 317 → Yahoo! - Business and Economy:Compa...
- Yahoo! - Business and Economy:Compa...
- Yahoo! - Business and Economy:Busine...
- Yahoo!
- California Bar - Sections
- 315 → The State Bar of California
- calbar links - other bars
- The State Bar of California - cabar li...
- 315 → The State Bar of California
- KuesterLaw Technology Law Resource...
- 319 → KuesterLaw Technology Law Resource...
- Legislative Publications
- Official California Legislative Informa...
- Search California Statutes
- Find California Code
- Ultra Computing for Business Solutions
- Sun's Server Family
- 321 → Netra nfs Server
- Netra NFS Server
- Sun Microsystems
- 313

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Attorney, Agent, or Firm—Erwin J. Basinski

[57] **ABSTRACT**

Apparatus, methods, systems and computer program products are disclosed to provide a hypertext user with a history facility for displaying accessed hypernodes. The invention displays the history list to the user based on when the hypernode was accessed and based on the placement of the hypernode in the hyperlink hierarchy.

20 Claims, 13 Drawing Sheets

- Baber's Global Directory of Computer...
- Yahoo! - Business and Economy:Compa...
- Yahoo! - Business and Economy:Compa...
- Yahoo! - Business and Economy:Compa...
- Yahoo! - Business and Economy:Busine...
- Yahoo!
- The State Bar of California
- 325 → <http://www.cabar.org/2lin/>
- California Bar - Sections
- The State Bar of California
- 327 → <http://www.kuesterlaw.com/>
- 329 → <http://www.leginfo.ca.gov/>
- Ultra Computing for Business Solutions
- Sun's Server Family
- 331 → <http://www.sun.com/netra-nfs/>
- Sun Microsystems

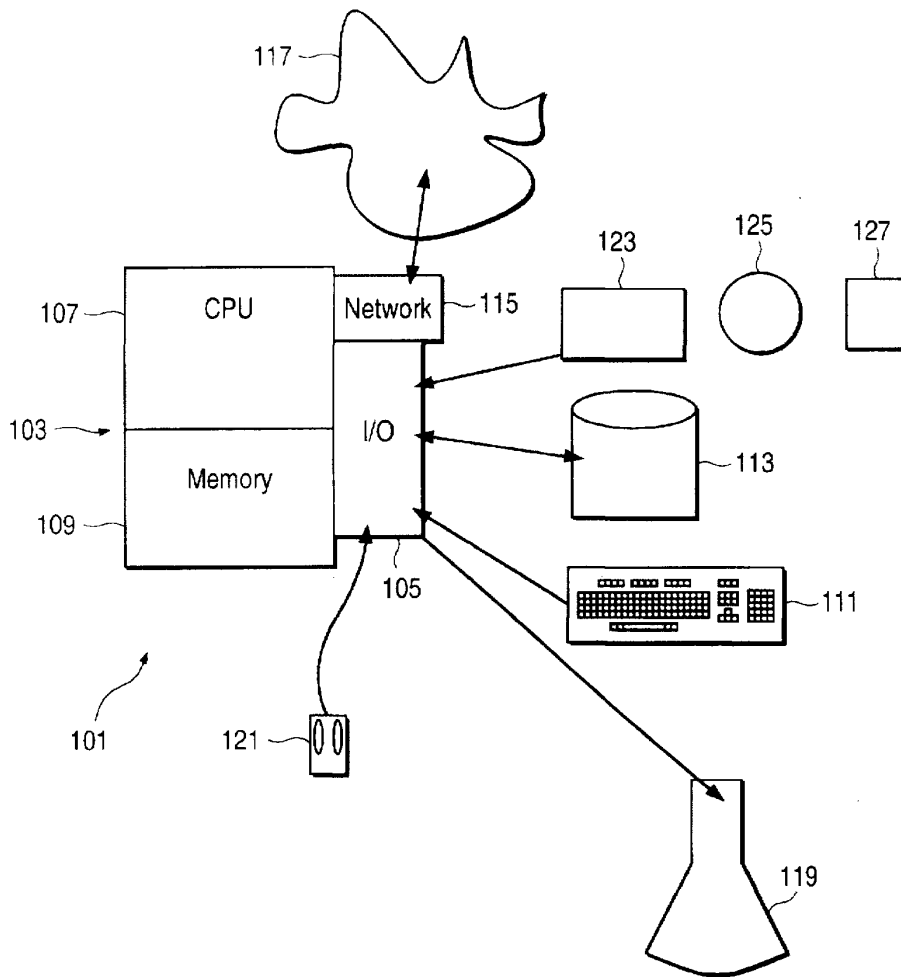


FIG. 1

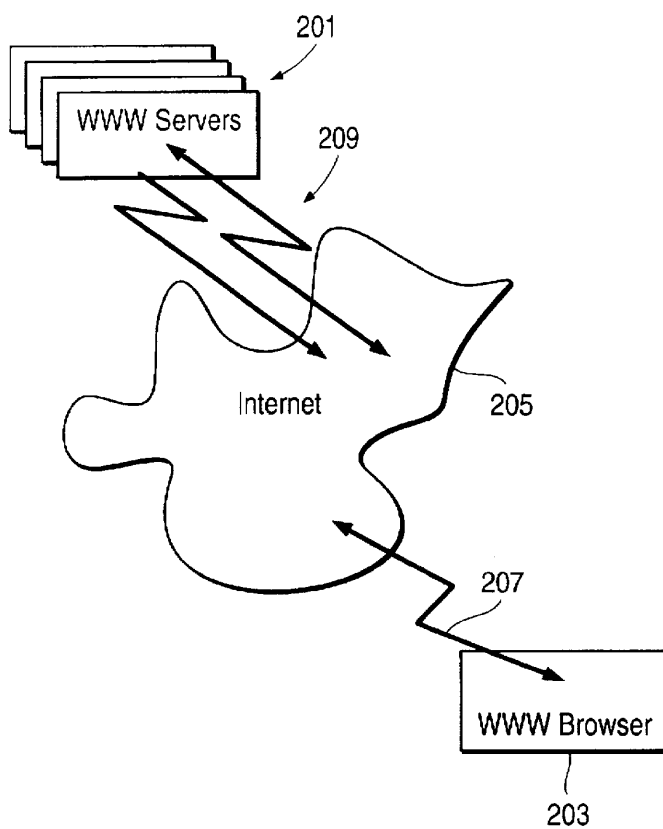


FIG. 2

	301		303
	↓		↓
	Baber's Global Directory of Computer...		http://www.baber.com/
	Yahoo! - Business and Economy:Compa...		http://www.yahoo.com/Business/Companies/Computers/Directories
	Yahoo! - Business and Economy:Compa...		http://www.yahoo.com/Business/Companies/Directories
	Yahoo! - Business and Economy:Compa...		http://www.yahoo.com/Business/Companies/
	Yahoo! - Business and Economy:Busine...		http://www.yahoo.com/Business/Business
	Yahoo!		http://www.yahoo.com/
	California Bar - Sections		http://www.calbar.org/2sec/sections.htm
	The State Bar of California	339	http://www.calbar.org/index.htm
	calbar links - other bars		http://www.calbar.org/2lin/2dis.htm
	The State Bar of California - cabar li...		http://www.calbar.org/2lin/links.htm
	The State Bar of California	337	http://www.calbar.org/
	KuesterLaw Technology Law Resource...		http://www.kuesterlaw.com/indexb.htm#g
	KuesterLaw Technology Law Resource...		http://www.kuesterlaw.com/
305	Legislative Publications		http://www.leginfo.ca.gov/legpubs.html
307	Official California Legislative Informa...		http://www.leginfo.ca.gov/
309	Search California Statutes		http://www.leginfo.ca.gov/statute.html
311	Find California Code		http://www.leginfo.ca.gov/calaw.html
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	Sun's Server Family		http://www.sun.com/products-n-solutions/hw/servers/index.html
	Netra nfs Server		http://www.sun.com/netra-nfs/features.html
	Netra NFS Server		http://www.sun.com/netra-nfs/index.html
	Sun Microsystems		http://www.sun.com/

300 ↗

FIG. 3a

Baber's Global Directory of Computer...
 Yahoo! - Business and Economy:Compa...
 317 → Yahoo! - Business and Economy:Compa...
 Yahoo! - Business and Economy:Compa...
 Yahoo! - Business and Economy:Busine...
 Yahoo!
 California Bar - Sections
 315 → The State Bar of California
 calbar links - other bars
 The State Bar of California - cabar li...
 315 → The State Bar of California
 319 → KuesterLaw Technology Law Resource...
 KuesterLaw Technology Law Resource...
 Legislative Publications
 Official California Legislative Informa...
 Search California Statutes
 Find California Code
 Ultra Computing for Business Solutions
 Sun's Server Family
 Netra nfs Server
 321 → Netra NFS Server
 Sun Microsystems 313

FIG. 3b

Baber's Global Directory of Computer...
 Yahoo! - Business and Economy:Compa...
 Yahoo! - Business and Economy:Compa...
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 Yahoo! - Business and Economy:Compa...
 Yahoo! - Business and Economy:Busine...
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 Ultra Computing for Business Solutions
 Sun's Server Family
 331 → http://www.sun.com/netra-nfs/
 Sun Microsystems

FIG. 3c

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