



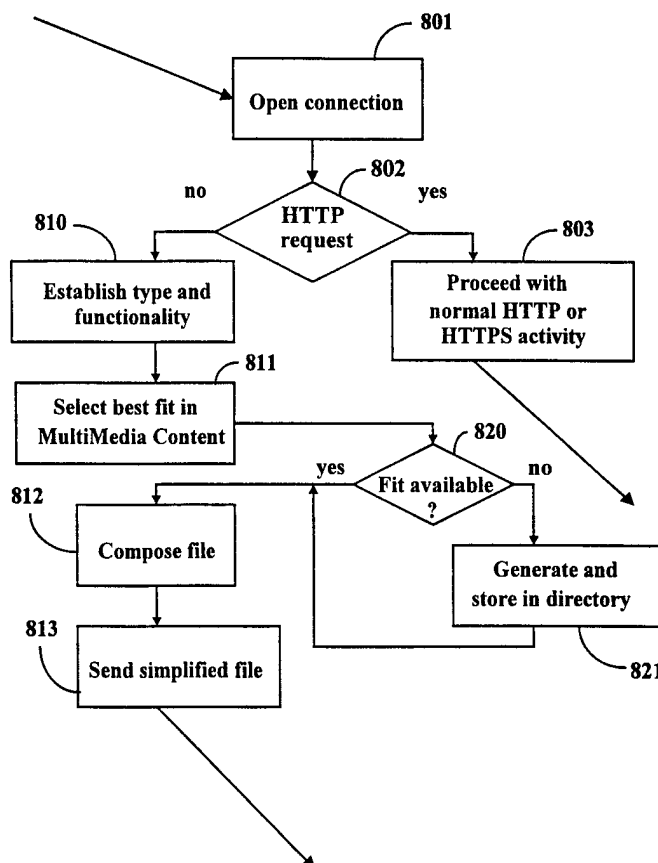
INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

<p>(51) International Patent Classification ⁶ : G06F 13/38, 15/17</p>	<p>A3</p>	<p>(11) International Publication Number: WO 98/36344 (43) International Publication Date: 20 August 1998 (20.08.98)</p>
<p>(21) International Application Number: PCT/US98/01159 (22) International Filing Date: 20 January 1998 (20.01.98) (30) Priority Data: 08/791,249 30 January 1997 (30.01.97) US (71) Applicant: LEXTRON SYSTEMS, INC. [US/US]; 20264 Ljepava Drive, Saratoga, CA 95070 (US). (72) Inventor: KIKINIS, Dan; 20264 Ljepava Drive, Saratoga, CA 95070 (US). (74) Agent: BOYS, Donald, R.; P.O. Box 187, Aromas, CA 95004 (US).</p>	<p>(81) Designated States: CN, JP, KR, European patent (AT, BE, CH, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE). Published <i>With international search report.</i> (88) Date of publication of the international search report: 29 October 1998 (29.10.98)</p>	

(54) Title: SIMPLIFIED-FILE HYPER TEXT PROTOCOL

(57) Abstract

A system is provided wherein relatively low-end computers, such as portable, battery-powered computers ordinarily incapable of sophisticated Internet browsing functions may be used to browse the Internet (801, 802, 803). The enhanced computing ability for such portables is provided by a unique Internet server adapted for transposing data files (810, 811, 812, 813) to alternative, low-information-density form, preferably comprising simplified or single files suitable for rapid processing and display by connected portable and other low-end computers. In embodiments wherein battery-powered field units are used, battery life is exhibited far beyond what would be expected for a battery-powered computer with computing power for browsing the Internet directly. In some embodiments of the invention, adapted files are saved (821) and identified for future use (820) in communicating with specific devices over Internet connections.



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INTERNATIONAL SEARCH REPORT

International application No.

PCT/US98/01159

A. CLASSIFICATION OF SUBJECT MATTER

IPC(6) :G06F 13/38, 15/17

US CL :395/200.66, 200.48, 200.58

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

U.S. : 395/200.66, 200.48, 200.58, 200.47, 200.49; 345/335

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

NONE

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

USPTO APS

search terms: WWW, HTML, HTTP, URL, proxy server, display, type, size, resolution, transpose

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y, P	US 5,774,670 A (MONTULLI) 30 June 1998 Abstract; Fig. 5; C2:14-C3:27	1-16
A, P	US 5,768,528 A (STUMM) 16 June 1998 Abstract; Fig. 1; C3:17-C4:52	1-16
Y, P	US 5,754,939 A (HERZ et al.) 19 May 1998 Abstract; Fig. 10, 15, 16; C4:36-C8:7; C12:3-51	1-16
X, P	US 5,727,159 A (KIKINIS) 10 March 1998 Abstract; Fig. 1, 6; C4:15-C5:16; C13:23-57	1-16

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