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INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(51) International Patent Classification 6 : G06F 9/455, 13/00 — A1

(11) International Publication Number: **WO 97/37303**

(43) International Publication Date: 9 October 1997 (09.10.97)

(21) International Application Number: PCT/US97/05196

(22) International Filing Date: 28 March 1997 (28.03.97)

(30) Priority Data:
08/625,109 1 April 1996 (01.04.96) US

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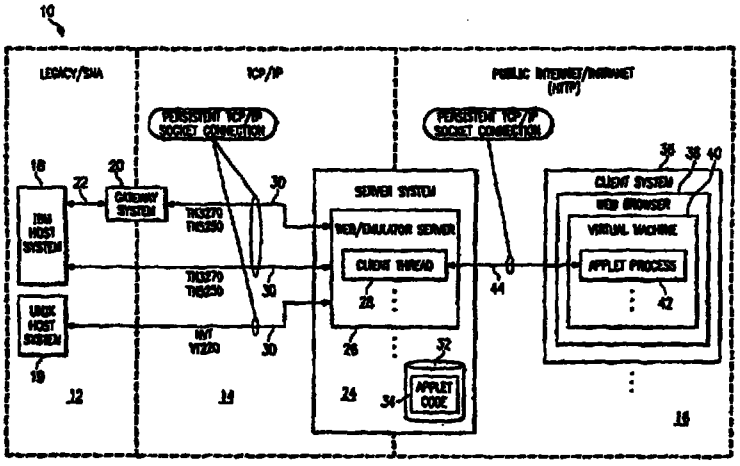
(81) Designated States: AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DE, DK, EE, ES, FI, GB, GE, GH, HU, IL, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, TJ, TM, TR, TT, UA, UG, UZ, VN, YU, ARIPO patent (GH, KE, LS, MW, SD, SZ, UG), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, CH, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, ML, MR, NE, SN, TD, TG).

Published
With international search report.
Before the expiration of the time limit for amending the claims and to be republished in the event of the receipt of amendments.

REPLACED SHEETS SG

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(54) Title: WEB/EMULATOR SERVER AND WEB BROWSER TERMINAL EMULATOR FOR PERSISTENT CONNECTION TO A LEGACY HOST SYSTEM OPERATION



(57) Abstract

A computer network environment (10) allowing connection of a client system (36) to a legacy host system (18, 19) using a web/emulator server (26) is provided. The computer network environment (10) includes a legacy host system (18, 19) having TCP/IP connectivity. The legacy host system (18, 19) is operable to support a terminal session for access to the legacy host system (18, 19). The computer network environment (10) also includes a server system (24) executing a client thread (28) under a web/emulator server (26). The client thread (28) is operable to communicate with the legacy host system (18, 19) across a persistent TCP/IP socket connection (30). The computer network environment (10) further includes a client system (36) executing an applet process (42) under a web browser (38). The applet process (42) is operable to communicate with the client thread (28) across another persistent TCP/IP socket connection (44) and is operable to provide a terminal session to a user of the client system (36). This terminal session is supported by a persistent connection allowing real-time bidirectional communication with the legacy host system (18, 19).

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