PCT WORLD INTELLECTUAL PROPERTY ORGANIZATION
International Bureau

INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

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

(11) International Publication Number: WO 00/17763

(43) International Publication Date: 30 March 2000 (30.03.00)

(21) International Application Number: PCT/US99/22042

(22) International Filing Date: 22 September 1999 (22.09.99)

(30) Priority Data:
09/158,742 22 September 1998 (22.09.98) US

(71) Applicant: MCI WORLDCOM, INC. [US/US]; 515 East Amite Street, Jackson, MS 39201 (US).

(72) Inventors: COWAN, Daniel, Edward; 2455 Kittridge Avenue, Colorado Springs, CO 80919 (US). STAUTZ, Darren, Jay; 6150 Rendezvous Trl., Colorado Springs, CO 80919 (US). TURNER, Mark, B.; 4728 Misty Court, Colorado Springs, CO 80918 (US).

(74) Agent: GROLZ, Edward, W.; Scully, Scott, Murphy & Presser, 400 Garden City Plaza, Garden City, NY 11530 (US).

(81) Designated States: CA, JP, MX, SG, European patent (AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE).

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.

(54) Title: INTERFACE SYSTEM FOR INTEGRATED MONITORING AND MANAGEMENT OF NETWORK DEVICES IN A TELECOMMUNICATIONS NETWORK

(57) Abstract

A graphical user interface (GUI) system (110) is provided for managing and controlling multiple network devices (160a, 160e) and client applications in a telecommunications network. The GUI system provides an integrated environment in which a user sends instructions and data to the network devices and client applications and receives back data related to status of the network devices and client applications. The integrated environment allows the user to access many window screens (226a–226c) which are all tied into one main window (234). The many window screens provide options for commands and views of data related to various areas of management and control of the telecommunications network. The one main window provides a point of reference so that the user does not have to log onto various systems numerous times or use different terminals dependent upon which command or data the user desires to send or receive. Training and operational time and costs are thus reduced from prior art systems.

