

(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(19) World Intellectual Property Organization
International Bureau



(43) International Publication Date
11 January 2001 (11.01.2001)

PCT

(10) International Publication Number
WO 01/03374 A1

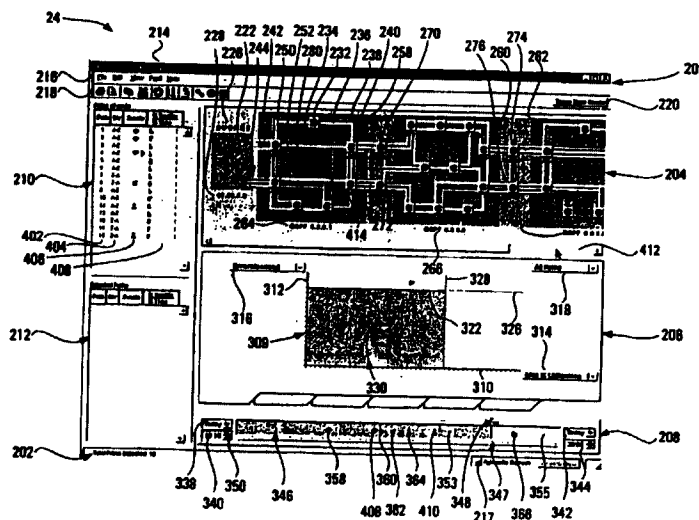
- (51) International Patent Classification?: H04L 12/24, 12/26, 12/56
- (74) Agents: BRETT, R., Allan et al.; Smart & Biggar, Suite 900, 900-55 Metcalfe Street, P.O. Box 2999, Station D, Ottawa, Ontario K1P 5Y6 (CA).
- (21) International Application Number: PCT/CA00/00782
- (81) Designated States (national): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CR, CU, CZ, DE, DK, DM, DZ, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, UZ, VN, YU, ZA, ZW.
- (22) International Filing Date: 30 June 2000 (30.06.2000)
- (25) Filing Language: English
- (26) Publication Language: English
- (30) Priority Data: 09/345,471 30 June 1999 (30.06.1999) US
- (71) Applicant: NORTEL NETWORKS LIMITED [CA/CA]; World Trade Center of Montreal, 8th floor, 380 St. Antoine Street West, Montreal, Quebec H2Y 3Y4 (CA).
- (84) Designated States (regional): ARIPO patent (GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG).
- (72) Inventors: ROCHFORD, Suzanne, L.; 96 Rue De L'Avion, Hull, Quebec J8Z 3G9 (CA). FRANKO, Larry, A.; 22 Moss Hill Trail, Stittsville, Ontario K2S 1E2 (CA). WILLE, Allan; Suite 201, 188 Waverly St., Ottawa, Ontario K2P 0V6 (CA). BEAUDOIN, Luc; 24 Rue McElroy, Gatineau, Quebec J8R 2T8 (CA).

Published:

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

[Continued on next page]

(54) Title: GRAPHICAL USER INTERFACE, SYSTEM AND METHOD FOR DISPLAYING ROUTE AND PATH MONITORING INFORMATION



(57) Abstract: The present invention relates to a graphical user interface (GUI) for displaying historical and current performance information for a route in communications network, the route having several paths between two end points. Performance data from the network is collected and processed to generate route and path performance data. The processed data is stored in a database. The GUI is embodied in a network management device which draws upon information stored in the database. In a preferred embodiment, the GUI displays a route panel showing the structure of the route, a timebar showing the time period for which information is displayed, a paths' panel showing information about each path in a tabular format, a selected paths' panel showing information about selected paths in a tabular format, and a performance panel showing performance data in a graph.

WO 01/03374 A1

