

(19) World Intellectual Property Organization
International Bureau



G00002



(43) International Publication Date
11 July 2002 (11.07.2002)

PCT

(10) International Publication Number
WO 02/054633 A1

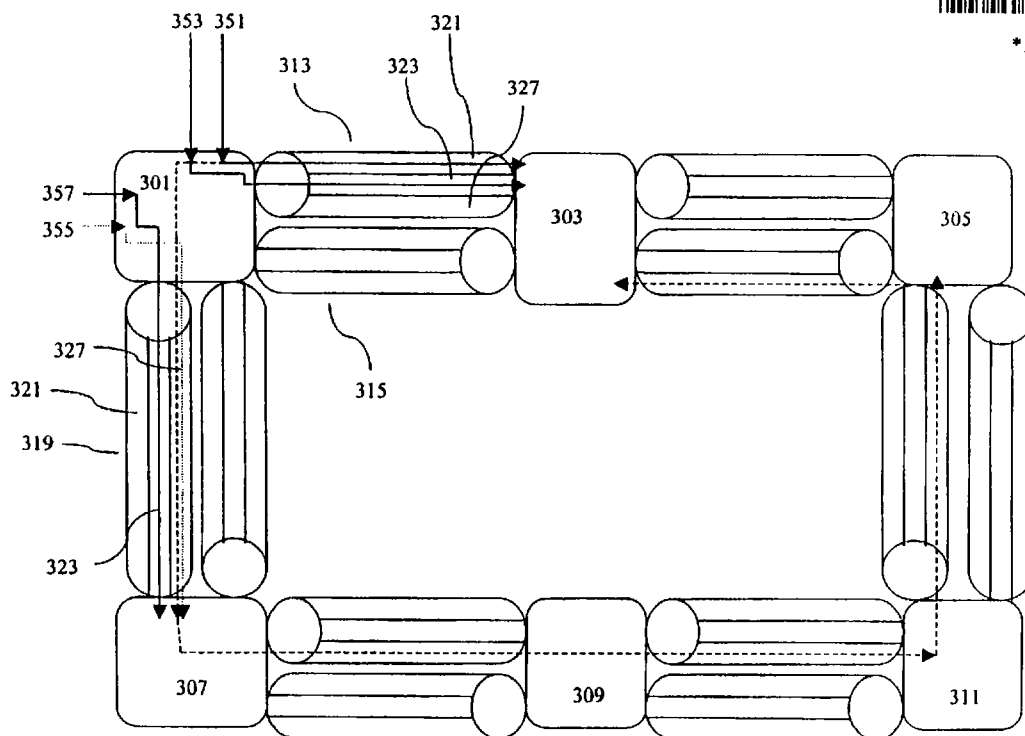
- (51) International Patent Classification⁷: **H04B 10/20**, H04J 14/08, H04L 12/437
- (21) International Application Number: PCT/US01/49822
- (22) International Filing Date:
20 December 2001 (20.12.2001)
- (25) Filing Language: English
- (26) Publication Language: English
- (30) Priority Data:
60/258,761 30 December 2000 (30.12.2000) US
09/887,302 22 June 2001 (22.06.2001) US
- (71) Applicant: **REDBACK NETWORKS INC.** [US/US]:
250 Holger Way, San Jose, CA 95134 (US).
- (72) Inventors: **LUFT, Siegfried**; 4228 West 13th Street, Vancouver, British Columbia V6R 2TB (CA). **NEUFELD, Gerald**; 675 Greenview Place, Los Altos, CA 94024 (US). **STILES, David**; 21108 Brush Road, Los Gatos, CA 95033 (US).
- (74) Agents: **MALLIE, Michael, J.** et al.: Blakely, Sokoloff, Taylor & Zafman LLP, 12400 Wilshire Boulevard, 7th floor, Los Angeles, CA 90025 (US).
- (81) Designated States (*national*): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, 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, MZ, NO, NZ, OM, PH, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, UZ, VN, YU, ZA, ZM, ZW.
- (84) Designated States (*regional*): ARIPO patent (GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, 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, TR), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).
- Published:**
— with international search report

[Continued on next page]

(54) Title: NON-BLSR PROTECTED LAYER 2/3 CHANNEL PROVISIONING



162162



WO 02/054633 A1

(57) Abstract: A method and apparatus for a non-BLSR protected layer 2/3 channel (323) comprises allocating a segment of bandwidth of an optical ring as a non-bidirectional line switched ring (BLSR) protected layer 2/3 channel (323) and transmitting a set of layer 2/3 time division multiplexed (TDM) traffic (353, 357) on the segment of bandwidth.

AL

WO 02/054633 A1



For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.