

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

(19) World Intellectual Property Organization
International Bureau



(43) International Publication Date
19 July 2001 (19.07.2001)

PCT

(10) International Publication Number
WO 01/52378 A1

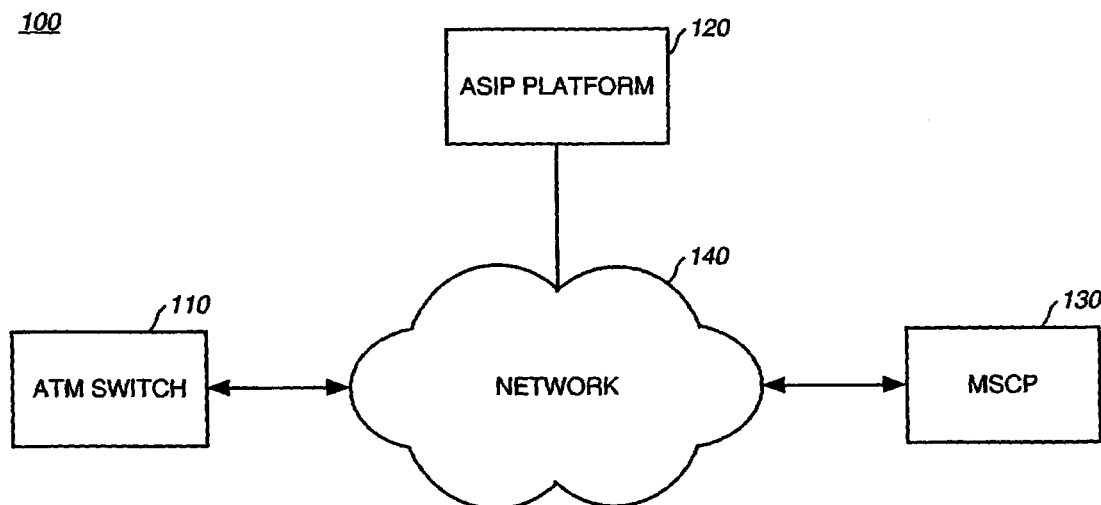
- (51) International Patent Classification⁷: **H02H 3/05** (74) Agent: **GROLZ, Edward, W.**; Scully, Scott, Murphy & Presser, 400 Garden City Plaza, Garden City, NY 11530 (US).
- (21) International Application Number: **PCT/US01/00204**
- (22) International Filing Date: **4 January 2001 (04.01.2001)** (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, MZ, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, UZ, VN, YU, ZA, ZW.
- (25) Filing Language: **English**
- (26) Publication Language: **English**
- (30) Priority Data:
09/481,910 **12 January 2000 (12.01.2000)** **US** (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, TR), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG).
- (71) Applicant: **MCI WORLDCOM, INC.** [US/US]; 515 East Amite Street, Jackson, MI 39201 (US).
- (72) Inventors: **MCMURRY, Kathleen, A.**; 2991 Greenfield Drive, Richardson, TX 75082 (US). **CATERSIANO, Terry, A.**; 1003 Timbercreek Drive, Allen, TX 75002 (US). **BARNHOUSE, Robert, H.**; 2720 Meadowbrook Court, Plano, TX 75075 (US). **DONOVAN, Steven, R.**; 704 Forest Bend Drive, Plano, TX 75025 (US). **GALLANT, John, K.**; 1800 Azurite Trail, Plano, TX 75075 (US).

Published:

— with international search report

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.

(54) Title: **METHOD AND APPARATUS FOR PROVIDING RELIABLE COMMUNICATIONS IN AN INTELLIGENT NETWORK**



(57) Abstract: A network device receives signals transmitted via a network (140) and generates trigger messages. The network device transmits the trigger messages to an intelligent network platform (120) that performs a network control function. The network device and the network platform (120) both include redundant systems to provide increased reliability and rerouting capabilities in case one or more of the components experiences problems or a failure.

WO 01/52378 A1