

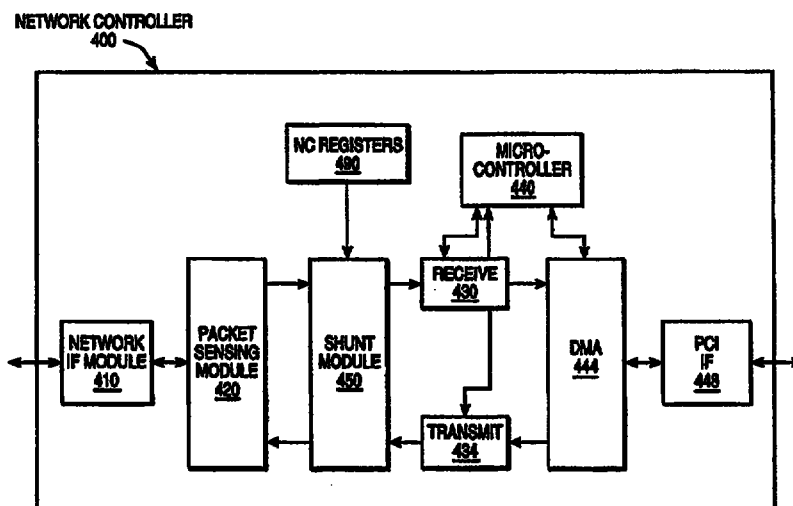
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(21) International Application Number: PCT/US98/17714 (22) International Filing Date: 26 August 1998 (26.08.98) (30) Priority Data: 08/972,758 18 November 1997 (18.11.97) US (71) Applicant (for all designated States except US): INTEL CORPORATION [US/US]; 2200 Mission College Boulevard, Santa Clara, CA 95052 (US). (72) Inventor; and (75) Inventor/Applicant (for US only): WILLIAMS, Steven, D. [US/US]; 2135 N.W. 107th Place, Portland, OR 97229 (US). (74) Agents: TAYLOR, Edwin, H. et al.; Blakely, Sokoloff, Taylor & Zafman LLP, 7th floor, 12400 Wilshire Boulevard, Los Angeles, CA 90025 (US).		(81) Designated States: AL, AM, AT, AT (Utility model), AU (Petty patent), AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, CZ (Utility model), DE, DE (Utility model), DK, DK (Utility model), EE, EE (Utility model), ES, FI, FI (Utility model), GB, GE, GH, GM, HR, HU, ID, 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, SK (Utility model), SL, TJ, TM, TR, TT, UA, UG, US, UZ, VN, YU, ZW, ARIPO patent (GH, GM, KE, LS, MW, SD, SZ, 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). Published <i>With international search report.</i>	

(54) Title: NETWORK CONTROLLER FOR PROCESSING STATUS QUERIES



(57) Abstract

A method is provided that allows a networked computer to generate a routable response to a status query (302) without invoking its communication protocol stack (152, 154, 156). The computer is provided with a network controller (400) that includes query detection (550) and data routing modules (570). A message received by the network controller (400) is scanned for a recognition code (340) that identifies the message as a status query (302). A status query message (300) includes a prototype response (350) that includes the IP data necessary to respond to the query. When a message is identified as a status query (300), the data routing module (570) extract a routable response and the prototype response (350) from the message (300) and generate a routable response packet from the extracted information. Status data may be added to the routable response packet by the data routing module (570).