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(21) International Application Number: PCT/US99/04437 (22) International Filing Date: 26 February 1999 (26.02.99) (30) Priority Data: 09/037,357 9 March 1998 (09.03.98) US (71) Applicant: EPIGRAM, INC. [US/US]; 870 West Maude Avenue, Sunnyvale, CA 94086 (US). (72) Inventors: OJARD, Eric; 3835 24th Street, San Francisco, CA 94114-3810 (US). TRACHEWSKY, Jason; Apartment C, 854 Fremont Street, Menlo Park, CA 94052 (US). HOLLOWAY, John, T.; 7 Oakhill Drive, Woodside, CA 94062 (US). FRANK, Edward, H.; 127 Brookside, Portola Valley, CA 94028 (US). PETERSON, Kevin, H.; 2100 Lyon Street #2, San Francisco, CA 94115 (US). (74) Agents: EDWARDS, Gary, J. et al.; Skjerven, Morrill, MacPherson, Franklin & Friel LLP, Suite 700, 25 Metro Drive, San Jose, CA 95110 (US).		(81) Designated States: AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DE, DK, EE, ES, FI, GB, GD, GE, GH, GM, HU, ID, IL, IN, 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, SL, TJ, TM, TR, TT, UA, UG, UZ, VN, YU, ZW, ARIPO patent (GH, GM, KE, LS, MW, SD, SL, 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> <i>Before the expiration of the time limit for amending the claims and to be republished in the event of the receipt of amendments.</i> (88) Date of publication of the international search report: 2 March 2000 (02.03.00)

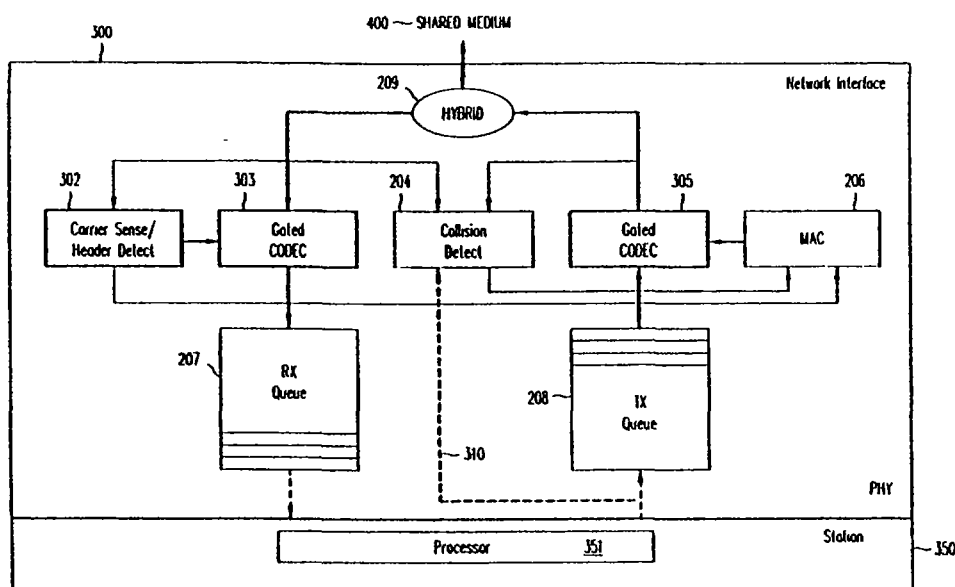


162162



(54) Title: OFF-LINE BROADBAND NETWORK INTERFACE

G00002



(57) Abstract

A network interface is presented that receives packet data from a shared medium and accomplishes the signal processing required to convert the data packet to host computer formatted data separately from receiving the data packet. The network interface receives the data packet, converts the analog signal to a digitized signal, and stores the resulting sample packet in a storage queue. An off-line processor, which may be the host computer itself, performs the signal processing required to interpret the sample packet. In transmission, the off-line process converts host-formatted data to a digitized version of a transmission data packet and stores that in a transmission queue. A transmitter converts the transmission data packet format and transmits the data to the shared medium.