

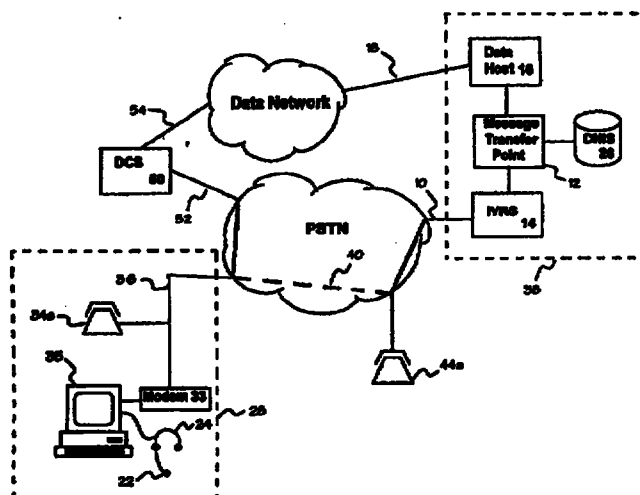
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| <b>(51) International Patent Classification <sup>6</sup>:</b><br><b>H04M 3/54, 3/42</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | <b>A1</b> | <b>(11) International Publication Number:</b> <b>WO 97/26749</b><br><b>(43) International Publication Date:</b> 24 July 1997 (24.07.97)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| <b>(21) International Application Number:</b> PCT/CA97/00013<br><b>(22) International Filing Date:</b> 14 January 1997 (14.01.97)<br><br><b>(30) Priority Data:</b><br>2,167,215                   15 January 1996 (15.01.96)   CA<br>08/742,052               1 November 1996 (01.11.96)   US<br><br><b>(71) Applicant:</b> INTERACTIVE TELECOM INC. [CA/CA]; Suite 605, 1550 Bedford Highway, Bedford, Nova Scotia B4A 1E6 (CA).<br><br><b>(72) Inventor:</b> MCMULLIN, William, P.; 2 Wimbledon Road, Bedford, Nova Scotia B4A 3A1 (CA).<br><br><b>(74) Agent:</b> BENNETT, Jones, Verchere; Suite 1800, 350 Albert Street, Box 25, Ottawa, Ontario K1R 1A4 (CA). |           | <b>(81) Designated States:</b> AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DE, DK, EE, ES, FI, GB, GE, HU, 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, TJ, TM, TR, TT, UA, UG, UZ, VN, ARIPO patent (KE, LS, MW, SD, SZ, UG), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, CH, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, ML, MR, NE, SN, TD, TG).<br><br><b>Published</b><br><i>With international search report.<br/>         Before the expiration of the time limit for amending the claims and to be republished in the event of the receipt of amendments.</i> |

**(54) Title:** METHOD TO PROVIDE VOICE CALL NOTIFICATION AND CONTROL MESSAGING OVER A DATA PATH**(57) Abstract**

When a public switched telephone network (PSTN) subscriber (28) is occupying their telephone link to connect a personal computer to a computer network, the method provides automatic redirection of an incoming call to said telephone link to a subscriber proxy (38) connected to the PSTN (30) for producing audio interaction with the caller. The subscriber proxy is also connected to said computer network and is capable of sending and receiving messages over said computer network to the subscriber's computer thereby providing the subscriber with a capability to receive notification on said computer of the PSTN call attempt. Optionally, the subscriber has a further capability to interact with said computer to operate the proxy to control and interact with the incoming voice telephone call while the subscriber continues to occupy their telephone link connecting their computer to the computer network.