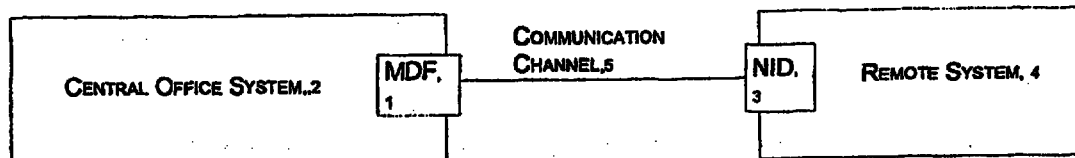




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(54) Title: **ACTIVATION OF MULTIPLE xDSL MODEMS WITH HALF DUPLEX AND FULL DUPLEX PROCEDURES**

(57) Abstract

Method and apparatus for enabling data communication that detects and notifies the opposite terminal of which type of duplexing (e.g., full duplex or half duplex) is used. The capabilities of the communication devices are exchanged between a central location (1) and a remote location (4). Based upon the quality of the communication channel (5), and the capabilities of the communication channel, an appropriate communication standard is selected.