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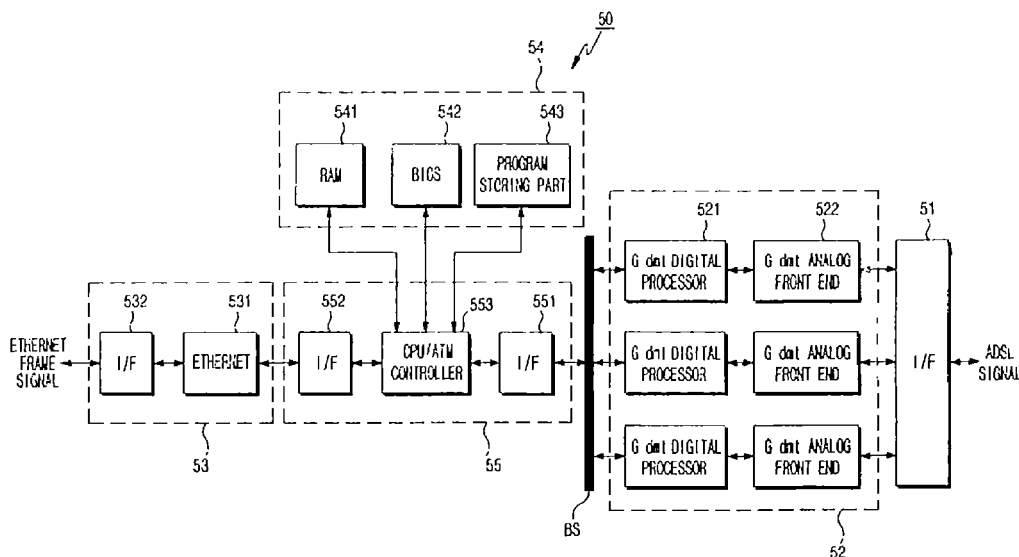
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4) Title: ADSL ACCESS MULTIPLEXER CONNECTED TO ETHERNET AND ADSL NETWORK SYSTEM USING THE  
AME



(57) Abstract: Disclosed relates to an asymmetric digital subscriber line (ADSL) access multiplexer connected direct to existing Ethernet and an ADSL network system using ADSL access multiplexer. The ADSL network system excludes a conventional network access server (NAS) and connects the ADSL access multiplexer direct to the Ethernet, thus decentralizing the processes for authentication, imposition of charge and traffic to a corresponding local network. Accordingly, the problem of traffic centralization raised by the conventional NAS is solved readily. Besides, the ADSL access multiplexer according to the invention further includes a remote authentication dial-in user service (RADIUS) client program, whereby the processes for authentication and imposition of charge are made very easily.