

# EXHIBIT A

## AGREED CONSTRUCTIONS

Claim Terms	Agreed Constructions
comprising  (claims 9, 16)	Including. This term is inclusive or open-ended and does not exclude additional unrecited elements.
broadband network interface  (claims 9, 16)	Hardware subcomponent of the network device that physically connects it to the BROADBAND ACCESS NETWORK, and provides the electrical or optical signaling capability necessary to terminate broadband network access at a premise using, for example, Digital Subscriber Line (DSL), coaxial cable, T1 or Passive Optical Network (PON). The BROADBAND ACCESS NETWORK is the segment of an IP Carrier Network that bridges the "last mile" between the central office and the subscriber premise. It is designed to provide a relatively high-bitrate IP data path to the subscriber premise, with a minimum bit transfer rate of 128 Kbit/second in each direction.
non-SIP telephone  (claim 9)	Telephone station, i.e., terminal device that is used for voice communications that does not support IP protocol.
IP data  (claim 10)	Data that is formatted for routing in accordance with the Internet Protocol.
voice-over-packet  (claim 16)	Voice communication sent over a packet-switched network, such as Fame Relay, Internet Protocol and ATM.
call log data  (claim 16)	A record of information about calls, such as the identify of the originator of the call (e.g., phone number or other identifier), the identity of the recipient of the call (e.g., phone number or other identifier), when the call started (date and time) and/or the duration of the call.