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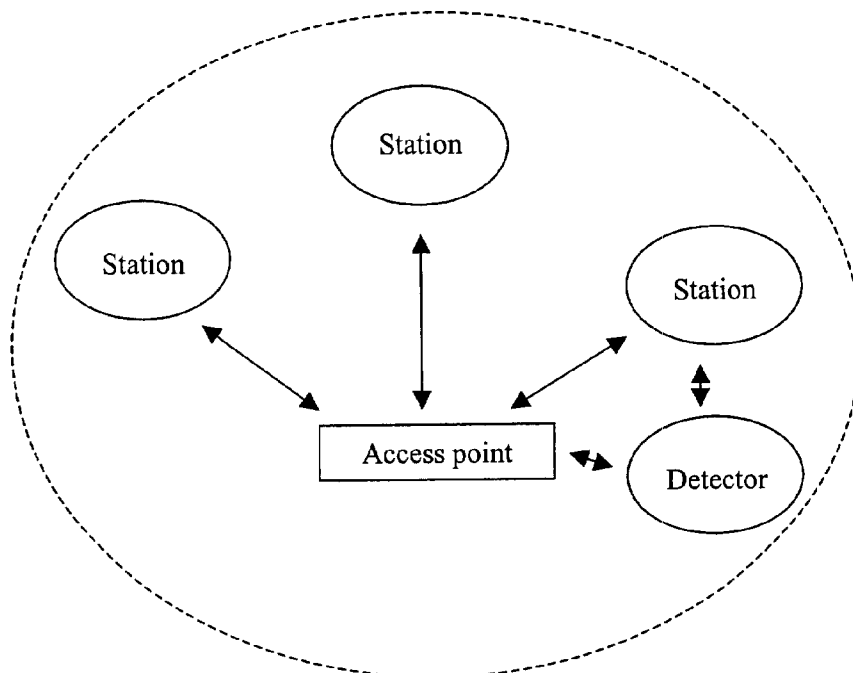
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(54) Title: MONITORING A LOCAL AREA NETWORK



(57) Abstract: A wireless local area network (WLAN) is monitored by receiving transmissions exchanged between one or more stations and an access point (AP) in the WLAN using a detector located in the WLAN. A database is compiled based on the received transmissions. The received transmissions are analyzed to determine the state of a station. The compiled database and the determined state of the station are used to diagnose connectivity problems of the station.

WO 2003/088547 A3



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