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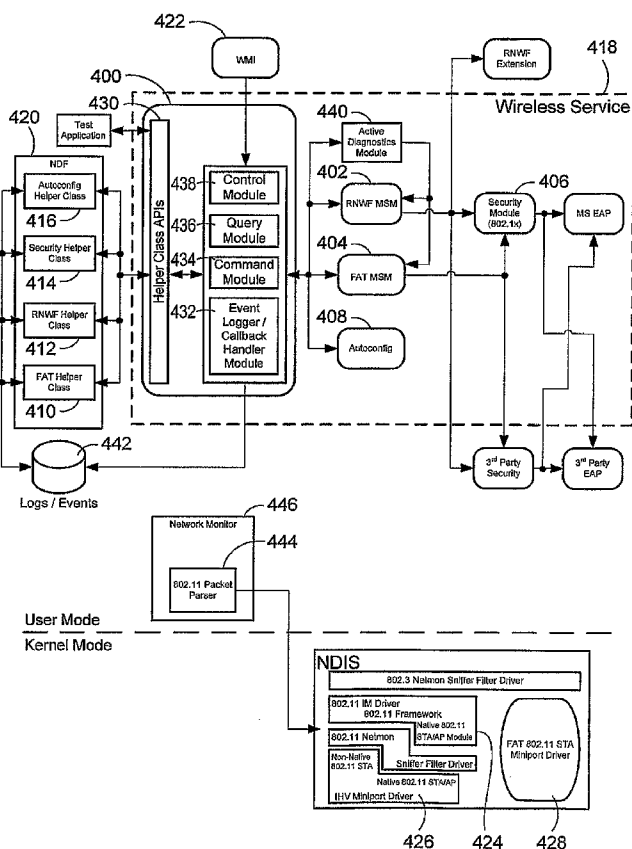
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**Declarations under Rule 4.17:**

— as to applicant's entitlement to apply for and be granted a patent (Rule 4.17(ii))

[Continued on next page]

(54) Title: METHOD AND APPARATUS FOR PERFORMING WIRELESS DIAGNOSTICS AND TROUBLESHOOTING



(57) Abstract: A non-intrusive wireless diagnostics framework that automatically fixes problems in case of failure is presented. The wireless diagnostics module interacts with the operating system's diagnostics framework, helper classes, and wireless components to collect a log wireless diagnostic events and notifications, and issues queries and requests for active diagnostics. The helper classes perform diagnosis and troubleshooting for their expertise areas based on the information provided by the wireless diagnostics module. The wireless diagnostics module includes an application program interface for communicating with helper classes, an event listener module that provides an event tracing application program interface to in-process modules, an active diagnostics module that issue active packet test requests to a media specific module, and query modules that issue information query requests to media specific modules.



- *as to the applicant's entitlement to claim the priority of the earlier application (Rule 4.17(iii))*

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<b>B. FIELDS SEARCHED</b> Minimum documentation searched (classification system followed by classification symbols) USPC: 370/252 Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched USPC: 370/252, 310 Electronic data base consulted during the international search (name of data base and, where practicable, search terms used) PubWEST(USPT,PGPB,EPAB,JPAB); DialogPRO; WIPO, EPO, CITESEER, Google patents, Google scholar Search Terms Used: wireless network diagnostic diagnosis error fault monitor track troubleshoot dynamic automatic automated real time		
<b>C. DOCUMENTS CONSIDERED TO BE RELEVANT</b>		
Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 2002/0072359 A1 (MOLES et al.) 13 June 2002 (13.06.2002) entire document especially para [0018]-[0023]	1-18
<input type="checkbox"/> Further documents are listed in the continuation of Box C. <input type="checkbox"/>		
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Name and mailing address of the ISA/US Mail Stop PCT, Attn: ISA/US, Commissioner for Patents P.O. Box 1450, Alexandria, Virginia 22313-1450 Facsimile No. 571-273-3201		Authorized officer: Lee W. Young PCT Helpdesk: 571-272-4300 PCT OSP: 571-272-7774