

**IN THE UNITED STATES DISTRICT COURT
FOR THE WESTERN DISTRICT OF TEXAS
WACO DIVISION**

PANTHER INNOVATIONS, LLC,

Plaintiff,

v.

MICROSOFT CORPORATION,

Defendant.

CIVIL ACTION NO.

JURY TRIAL DEMANDED

PLAINTIFF'S COMPLAINT FOR PATENT INFRINGEMENT

EXHIBIT A



US007840652B2

(12) **United States Patent**
Schran et al.

(10) **Patent No.:** **US 7,840,652 B2**
(45) **Date of Patent:** **Nov. 23, 2010**

(54) **SYSTEM AND METHOD FOR DETERMINING NETWORK CONFIGURATION SETTINGS THAT PROVIDE OPTIMAL NETWORK PERFORMANCE**

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(*) Notice: Subject to any disclaimer, the term of this patent is extended or adjusted under 35 U.S.C. 154(b) by 1253 days.

(21) Appl. No.: **10/078,815**

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(51) **Int. Cl.**
G06F 15/177 (2006.01)
G06F 15/173 (2006.01)

(52) **U.S. Cl.** **709/220; 709/221; 709/223**

(58) **Field of Classification Search** **709/220, 709/221, 223, 233, 234, 235**

See application file for complete search history.

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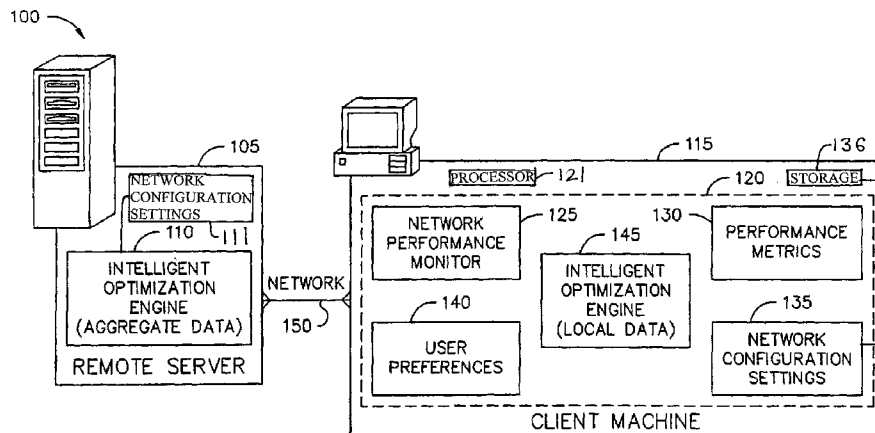
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(57) **ABSTRACT**

A system and method determines network configuration settings that provide optimal network performance for a user's computer (client machine). The computer is connected to a remote server via a network connection. A plurality of network configuration settings are selected for the computer. One or more performance tests using the selected network configuration settings are automatically conducted. An algorithm is used to determine the best network configuration settings and achieve the desired network performance characteristics for the computer based on preferences specified by the user. The network configuration settings of the computer are automatically adjusted based on the results of the performance tests. The user's computer can access network configuration setting recommendations from the remote server, based on network configuration settings and aggregate test results associated with other computers that previously were in communication with the remote server.

56 Claims, 6 Drawing Sheets



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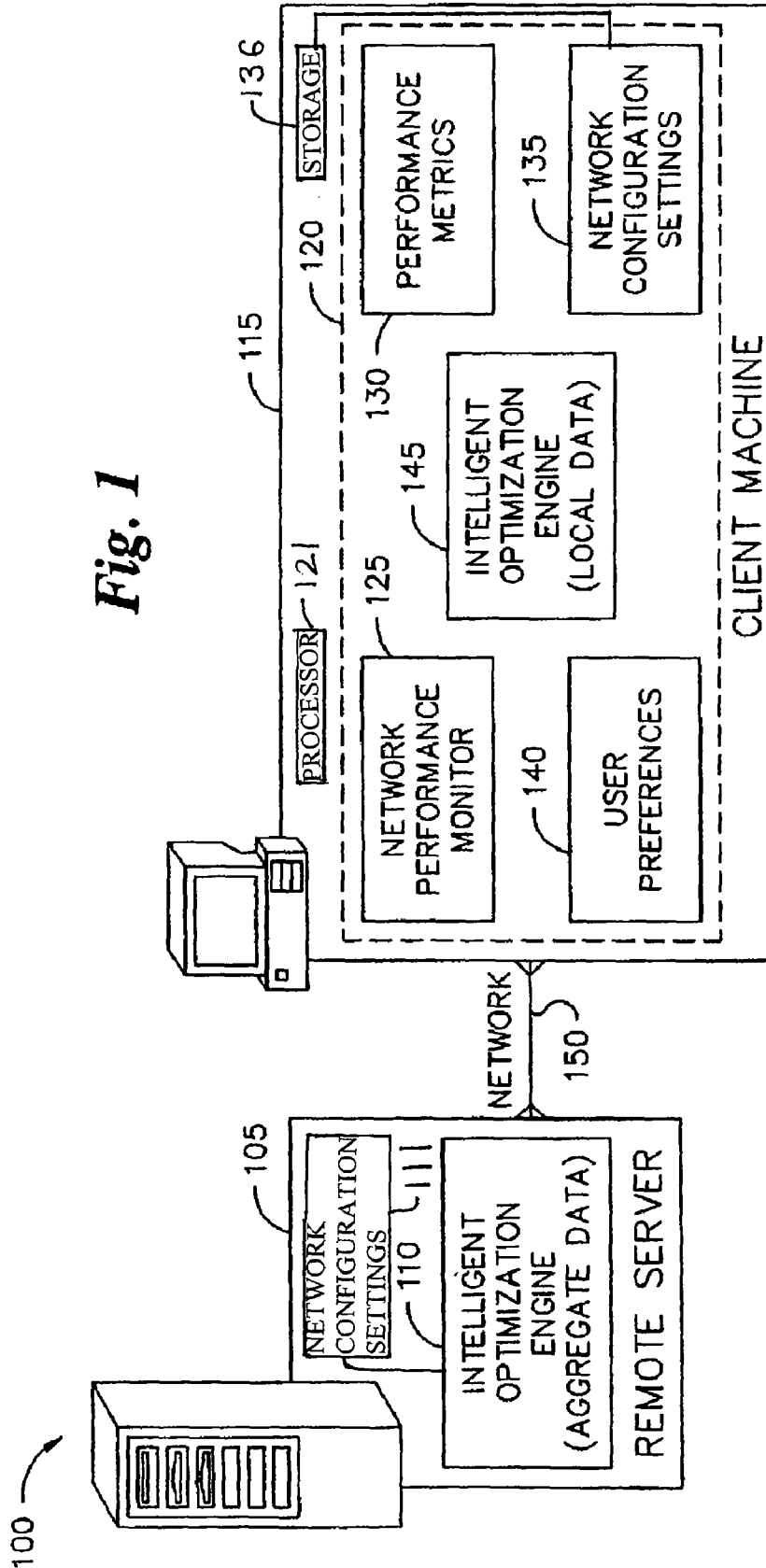
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Fig. 1



Remote Client ID
Test ID (sequentially generated)
Connection Type (Modem, T1, DSL, etc.)
Network Settings
Test Results

Fig. 2

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