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(71) Applicant (for all designated States except US): **YAHOO! INC.** [US/US]; 701 First Avenue, Sunnyvale, California 94089 (US).

(72) Inventor; and

(75) Inventor/Applicant (for US only): **VIJAYARAGHAVAN, Jayanth** [US/US]; 264 Ontario Rd., Milpitas, California 95035 (US).(74) Agents: **CHEE, Robert** et al.; 2055 Gateway Place, Suite 550, San Jose, California 95110 (US).

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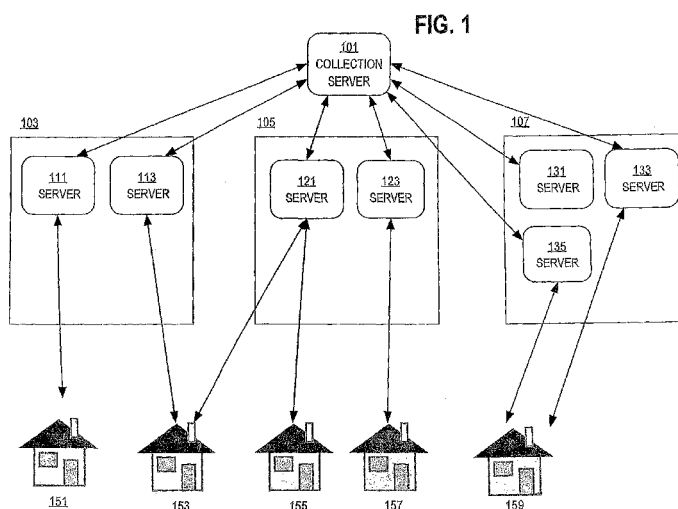
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(54) Title: METHODS FOR COLLECTING AND ANALYZING NETWORK PERFORMANCE DATA



(57) **Abstract:** Techniques are described to collect and analyze network performance data. Servers are modified so connection data, including data re-transmitted, is stored on each server of a data center that serves data to clients. Each server then sends the connection data stored to a collection server that aggregates the data. The collection server sorts the connection data from the servers based upon the data center where the server is located and clusters of the location or routing of the client. The location of the client may be based on a geographic mapping of the client, routing by the autonomous system number, or an IP address prefix. A high rate of re-transmissions from a particular data center to a particular client location may indicate problems in certain areas of the network. The routing of data transmissions may be altered to a different data center or by assigning a different routing.