EXHIBIT 1

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ASSERTED INDEPENDENT METHOD CLAIMS

Emphasis is added below to call out at least some of the required actors identified in each independent method claim that Defendant is accused of indirectly infringing.

U.S. Pat. No. 6,732,147

1. A method of disconnecting **a first computer** from **a second computer**, **the first computer** and **the second computer** being connected to a broadcast channel, said broadcast channel forming an m-regular graph where m is at least 3, the method comprising:

when **the first computer** decides to disconnect from **the second computer**, **the first computer** sends a disconnect message to **the second computer**, said disconnect message including a list of neighbors of **the first computer**; and

when **the second computer** receives the disconnect message from **the first computer**, **the second computer** broadcasts a connection port search message on the broadcast channel to find **a third computer** to which it can connect in order to maintain an m-regular graph, **said third computer** being one of the neighbors on said list of neighbors.

6. A method for healing a disconnection of **a first computer** from **a second computer**, **the computers** being connected to a broadcast channel, said broadcast channel being an m-regular graph where m is at least 3, the method comprising:

attempting to send a message from **the first computer** to **the second computer**; and

when the attempt to send the message is unsuccessful, broadcasting from **the first computer** a connection port search message indicating that **the first computer** needs a connection; and

having **a third computer** not already connected to **said first computer** respond to said connection port search message in a manner as to maintain an m-regular graph.

U.S. Pat. No. 6,910,069

1. A computer-based, non-routing table based, non-switch based method for adding **a participant** to **a network of participants**, **each participant** being connected to t**hree or more other participants**, the method comprising:

identifying **a pair of participants** of the network that are connected wherein **a seeking participant** contacts **a fully connected portal computer**, which in turn sends an edge connection request to a number of **randomly selected neighboring participants** to which **the seeking participant** is to connect;

disconnecting **the participants** of the identified pair from each other; and

connecting **each participant** of **the identified pair of participants** to **the seeking participant**.

14. A computer-based, non-switch based method for adding **nodes** to a graph that is m-regular and m-connected to maintain the graph as m-regular, where m is four or greater, the method comprising:

identifying **p pairs of nodes** of the graph that are connected, where p is one half of m, wherein **a seeking node** contacts **a fully connected portal node**, which in turn sends an edge connection request to a number of randomly **selected neighboring nodes** to which **the seeking node** is to connect;

disconnecting **the nodes of each identified pair** from each other; and

connecting **each node of the identified pairs of nodes** to **the seeking node**.

U.S. Pat. No. 6,920,497

1. A method in a computer for locating a computer through which to connect to a network, the method comprising:

providing an identification of **a portal computer** or **a plurality of portal computers**, **the portal computer** or **the plurality of portal computers** having a communications port or communications ports with a call-in port being enabled for communications when

the portal computer or **the plurality of portal computers** is in a state to coordinate the connection of **a seeking computer** to the network, wherein the call-in port is a type of communications port;

selecting the communications port or communications ports of **the portal computer** or **the plurality of portal computers** and attempting to communicate with the selected communications port or communications ports until communications with the call-in port is successful, wherein a port ordering algorithm is used to identify the call-in port, and wherein the communications ports selected by the port ordering algorithm may be re-ordered; and

using the call-in port to request that **the portal computer** or **the plurality of portal computers** coordinate the connecting of **the seeking computer** to the network.