

EXHIBIT D6

Summary of Invalidity Analysis of U.S. Patent No. 6,839,751 (“’751 Patent”) in view of U.S. Patent No. 6,412,000 (“Riddle”), further in view of WO 92/19054 (“Ferdinand”)

U.S. Patent No. 6,412,000, issued on June 25, 2002, qualifies as prior art to the ’751 Patent under at least § 102(e) because it was filed on November 23, 1998, before the June 30, 1999 filing date of the provisional application. The ’751 Patent claims priority. Riddle further qualifies as prior art to the ’751 Patent under at least Pre-AIA 35 U.S.C. § 102(e) because the U.S. patent has an effective prior art date under pre-AIA 35 U.S.C. § 102(e) based on the filing date of an earlier-filed application if the patent’s relevant subject matter is described in the earlier-filed application, and at least one of the claims is supported by the earlier-filed application’s written description in compliance with pre-AIA 35 U.S.C. § 112, first paragraph. The earlier-filed application that issued as Riddle was filed on November 23, 1998. Riddle claims priority to U.S. Provisional Patent Application No. 60/066,864 (“’864 Provisional”), which was filed on November 25, 1997.

Riddle and the related ’864 Provisional incorporate-by-reference the following patent applications in their entirety:

- U.S. Patent Application No. 09/198,051 (“’051 Application”);
- U.S. Patent Application No. 08/762,828, issued as U.S. Patent No. 5,802,106;
- U.S. Patent Application No. 08/977,642 (“Packer Application”), having attorney docket number 08-0001 as U.S. Patent No. 6,046,980 (“Packer”); and
- U.S. Patent Application No. 08/742,994, issued as U.S. Patent No. 6,038,216.

WO 92/19054 (“Ferdinand”), published on October 29, 1992, qualifies as prior art to the ’751 Patent under 35 U.S.C. § 102(b) because it was published more than one year before the June 30, 1999 filing date of the provisional application, which the ’751 Patent claims priority.

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Invalidity of U.S. PATENT NO. 6,839,751 in view of Riddle and Ferdinand	
CLAIM LANGUAGE	Exemplary Citations to Riddle and Ferdinand
INDEPENDENT CLAIM 1	
1	<p>A method of analyzing a flow of packets passing through a connection point on a computer network, the method comprising:</p> <p>U.S. Patent No. 6,412,000 (“Riddle”) discloses a packet processing system including a policy engine having a classification unit that anticipates or predicts a traffic class for a claimed method of analyzing a flow of packets passing through a connection point on a computer network.</p> <p>For example:</p> <p>“In a packet communication environment, a method is provided for automatically classifying packet flows for use in allocating bandwidth resources and the like by a rule of assignment of a service level. The method comprises applying individual instances of traffic classification paradigms to packet network flows based on selectable information obtained from a plurality of layers of a multi-layered communication protocol in order to define a characteristic class, then mapping the flow to the defined traffic class. It is useful to note that the automatic classification is sufficiently robust to classify a complete enumeration of the possible traffic.” Riddle, 4:6-17.</p> <p>“According to the invention, in a packet communication environment, a method is provided for automatically classifying packet flows for use in allocating bandwidth resources and the like by a rule of assignment of a service level. The method comprises applying individual instances of traffic classification paradigms to packet network flows based on selectable information obtained from a plurality of layers of a multi-layered communication protocol in order to define a characteristic class, then mapping the flow to the defined traffic class. It is useful to note that the automatic classification is sufficiently robust to classify a complete enumeration of the possible traffic.” Riddle, 4:6-17.</p> <p>“3.2 Automatic Traffic Classification Processing FIG. 3 depicts components of a system for automatically classifying packet flows for use in allocating bandwidth resources and the like by a rule of assignment of a service level. A traffic tree 302 in which new traffic will be classified to a particular member class node. A traffic classifier 304 detects a particular member class node. Alternatively, the classifier may start with a service level and determine a particular member class node using it. A knowledge base 306 contains heuristics for determining a particular member class node using it. A knowledge base 306 contains heuristics for determining a particular member class node using it.” Riddle, 4:6-17.</p>

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knowledge base may be embodied in a file or a relational database. In one embodiment, the knowledge is contained within a data structure. A plurality of saved lists 308 stores classified traffic pending in a tree 302. In select embodiments, entries for each instance of an alternate embodiment, a copy of an entry and a count of duplicates is maintained." Riddle, 12:27-41.

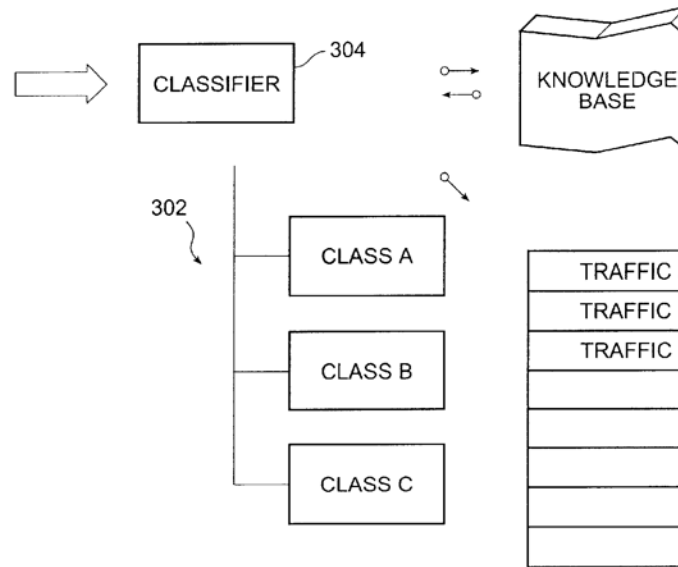


FIG. 3

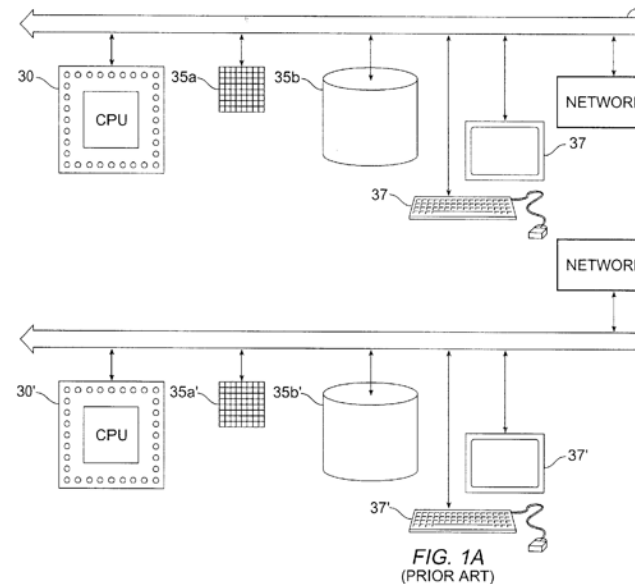
Riddle, Fig. 3.

“The method for automatically classifying heterogeneous packet traffic in a telecommunications environment of the present invention is implemented in a programming language and is operational on a computer system 1A. This invention may be implemented in a client-server environment. The use of a client-server environment is not essential. This figure shows a conventional computer system which includes a server 20 and numerous clients 25, as shown as client 25. The use of the term "server" is used in the context of a system wherein the server receives queries from (typically remote) clients.

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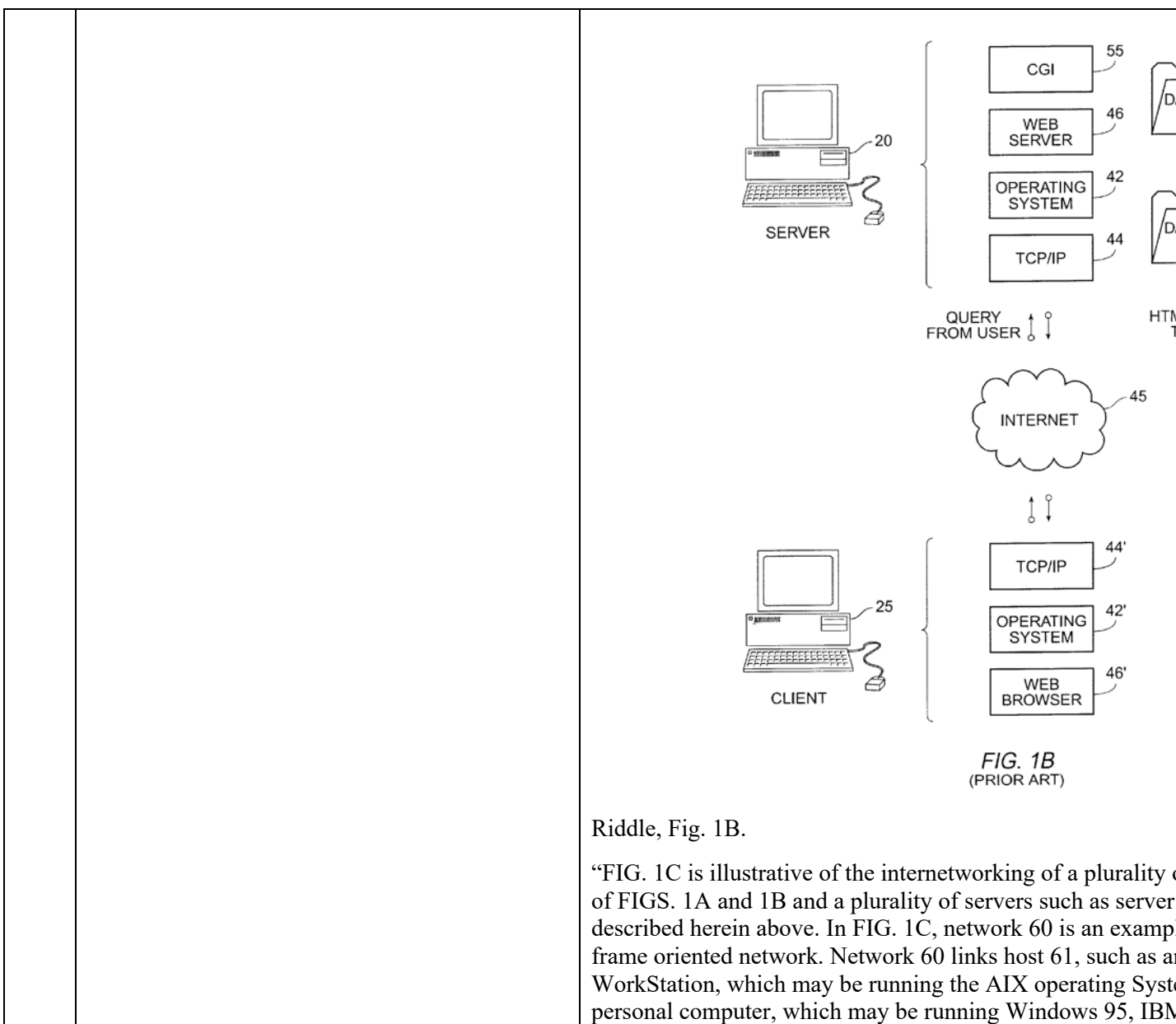
all the processing necessary to formulate responses to the queries and responses to the clients. However, server 20 may itself act as a client when it accesses remote databases located at another node across the network.

The hardware configurations are in general standard and will be known to those skilled in the art. In accordance with known practice, server 20 includes one or more processors which communicate with a number of peripheral devices via a system bus. These peripheral devices typically include a Storage Subsystem which includes a memory subsystem 35a and a file storage subsystem 35b holding programs (e.g., code or instructions) and data, a set of user interface input devices 37 and an interface to outside networks, which may employ Ethernet, IEEE 802.3, ITU X.25, Serial Link Internet Protocol (SLIP) or a telephone network. This interface is shown schematically as block 40. It is coupled to corresponding interface devices in a network connection 45." Riddle, 5:53-6:15.



Riddle, Fig. 1A.

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Riddle, Fig. 1B.

“FIG. 1C is illustrative of the internetworking of a plurality of servers such as server 20 of FIGS. 1A and 1B and a plurality of clients such as client 25 of FIGS. 1A and 1B and a plurality of servers such as server 60 described herein above. In FIG. 1C, network 60 is an example of a network, such as a frame oriented network. Network 60 links host 61, such as an IBM WorkStation, which may be running the AIX operating System, and a personal computer, which may be running Windows 95, IBM

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