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Generic Wireless Hot Spot



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Wireless Hot Spot

Compared to Slemmer USP 6,226,677 Claim 13

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U.S. Patent Slemmer 6,226,677 Claim 13:

13. A system for controlling message transmissions between a user machine and a global computer network including the Internet, comprising:

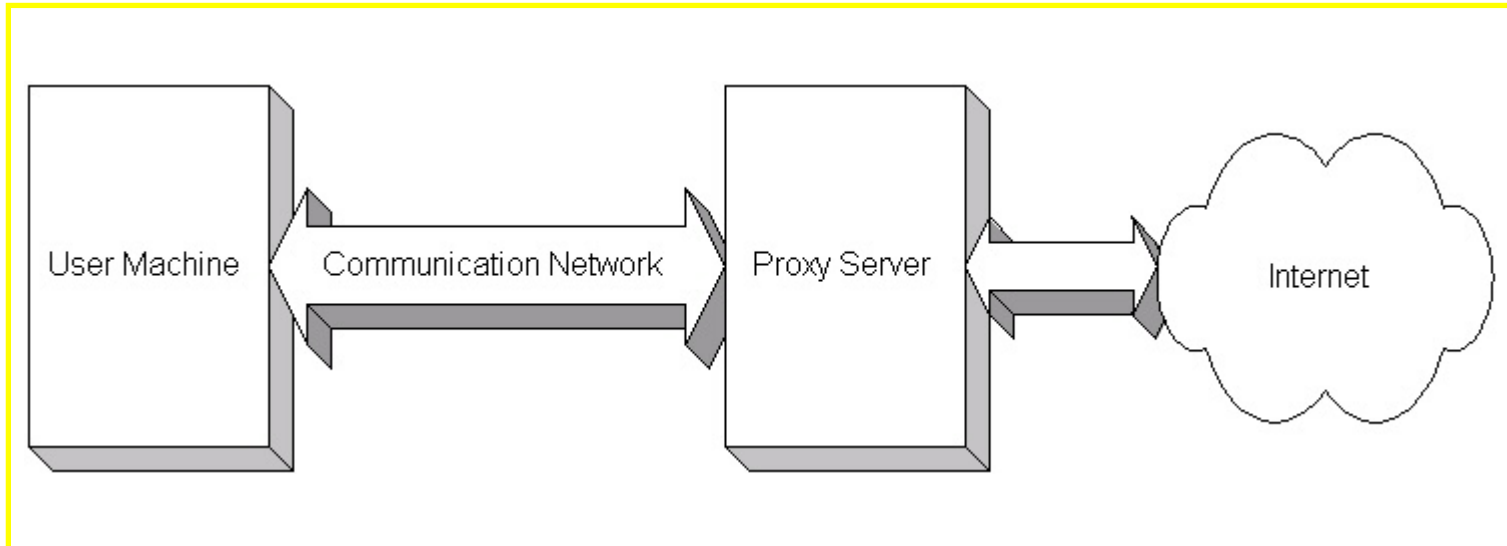
a proxy server in communication with the user machine and the global computer network, said proxy server including a first port for receiving messages from the user machine; and

a communications network interconnecting the user machine and said proxy server;

wherein said proxy server receives at least a first message from the user machine, said first message including at least a first data packet having a number of fields including a first field related to a first destination address, with said first destination address being associated with a web site accessible over the Internet, said proxy server ascertaining whether said first message is to be directed to the Internet, said message being sent to a control program of said proxy server when said message is directed to the Internet, said proxy server control program determining whether said message is to be permitted to be sent to said first destination address, wherein said proxy server returns at least one web page having information accessible over the Internet, using said source, which is different from a web page having information available over the Internet using said first destination address.

Generic Wireless Hot Spot Operation Compared to the '677 Patent Claim 13:

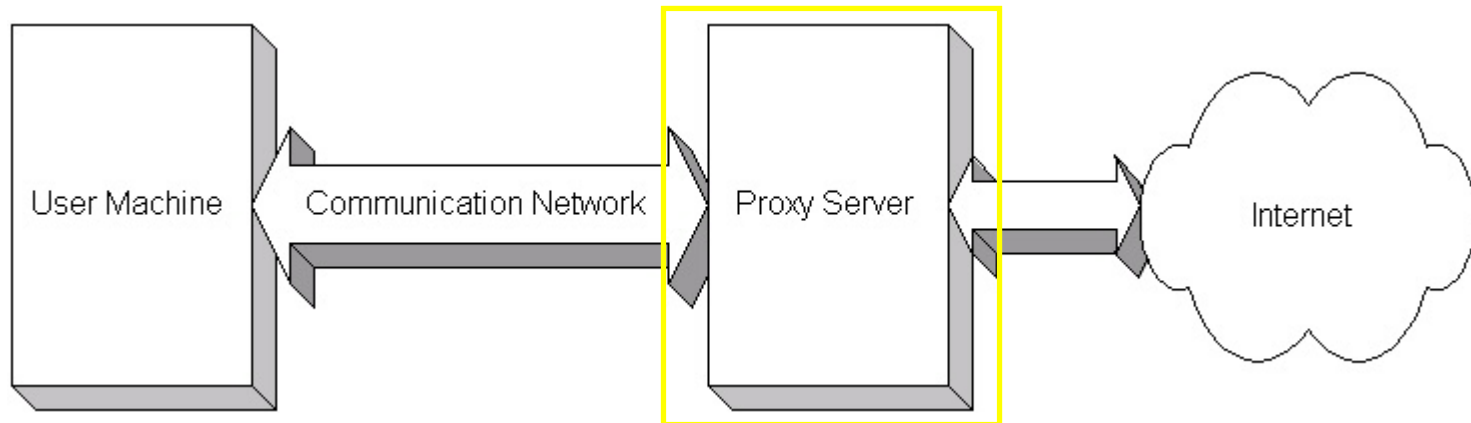
A system for controlling message transmissions between a user machine and a global computer network including the Internet, comprising:



A public wireless hot spot system providing Internet access to users is an example of a system of controlling message transmissions between a user machine and a global computer network, including the Internet.

Generic Wireless Hot Spot Operation Compared to the '677 Patent Claim 13:

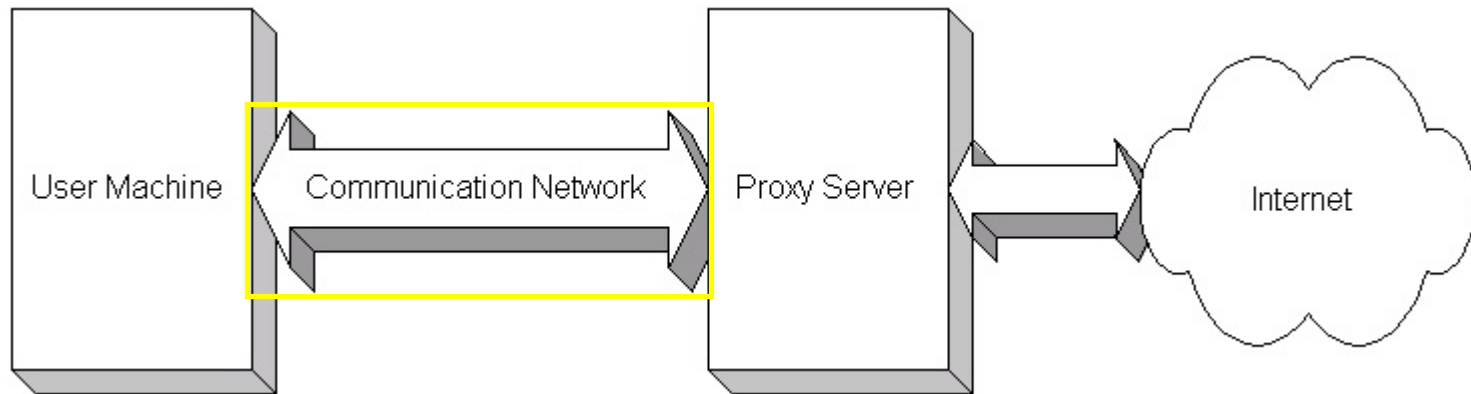
a proxy server in communication with the user machine and the global computer network, said proxy server including a first port for receiving messages from the user machine; and



The hot spot gateway is in communication with the user machine and the Internet. The hot spot gateway is connected to the wireless based network via a network adapter in order to receive messages from the user machine. The hot spot gateway is an example of a proxy server in communication with a user machine and the global computer network.

Generic Wireless Hot Spot Operation Compared to the '677 Patent Claim 13:

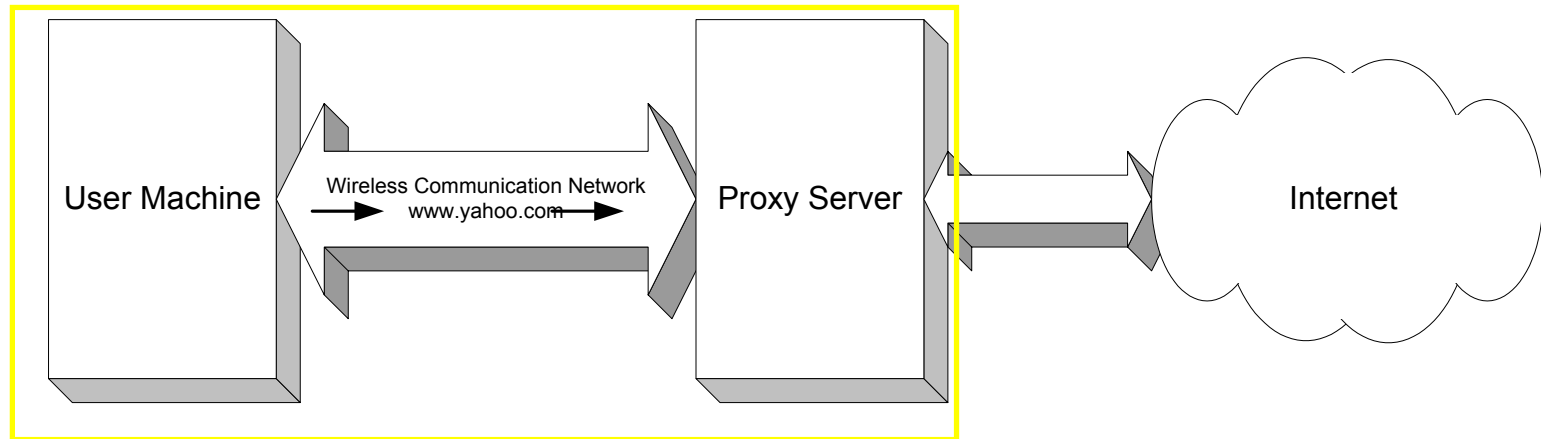
a communications network interconnecting the user machine and said proxy server;



The wireless network is composed of at least one Wireless Access Point (WAP) and at least one wireless interface per user. The wireless network uses IEEE 802.11 and related wireless technology standards to communicate with the user machine and hot spot gateway. The WAP and wireless interface is an example of a communications network interconnecting the user machine and said proxy server.

Generic Wireless Hot Spot Operation Compared to the '677 Patent Claim 13:

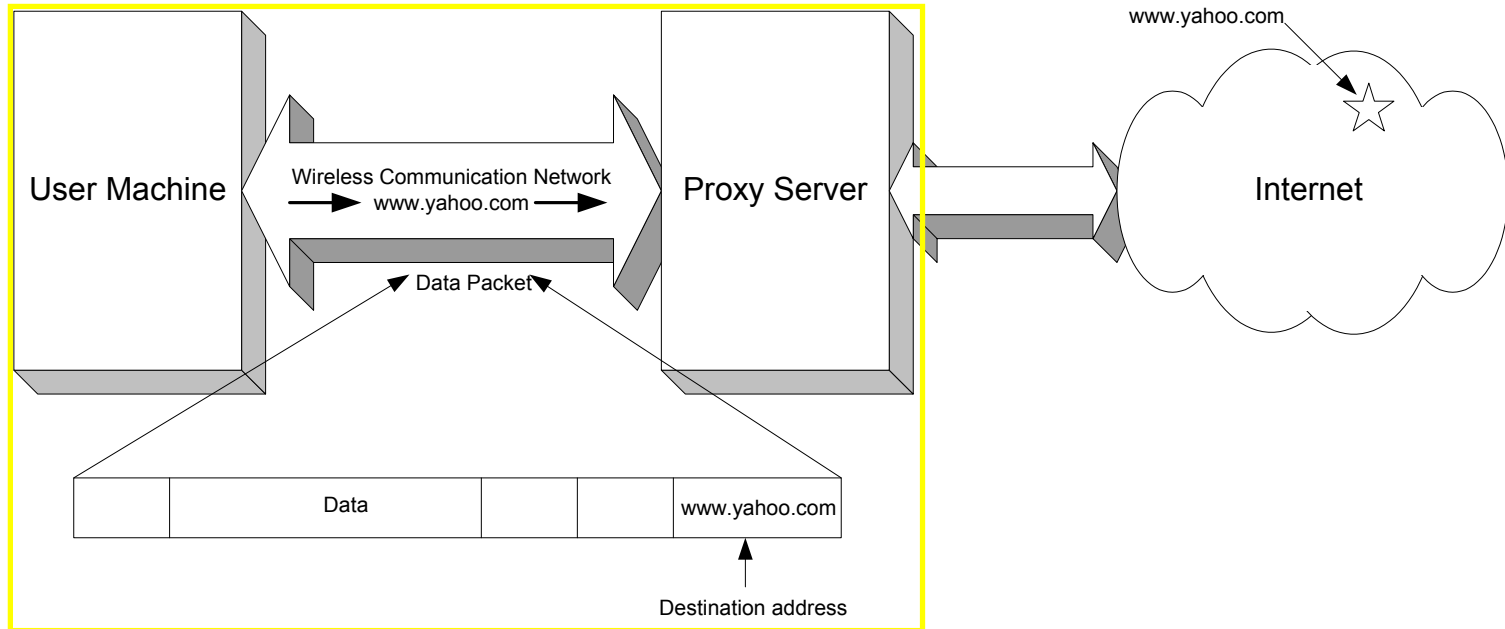
wherein said proxy server receives at least a first message from the user machine,



The wireless user launches a browser. The browser requests its default home page (e.g., www.yahoo.com). The proxy server receives this first message over the wireless communication network. This is an example of a proxy server receiving at least a first message from the user machine.

Generic Wireless Hot Spot Operation Compared to the '677 Patent Claim 13:

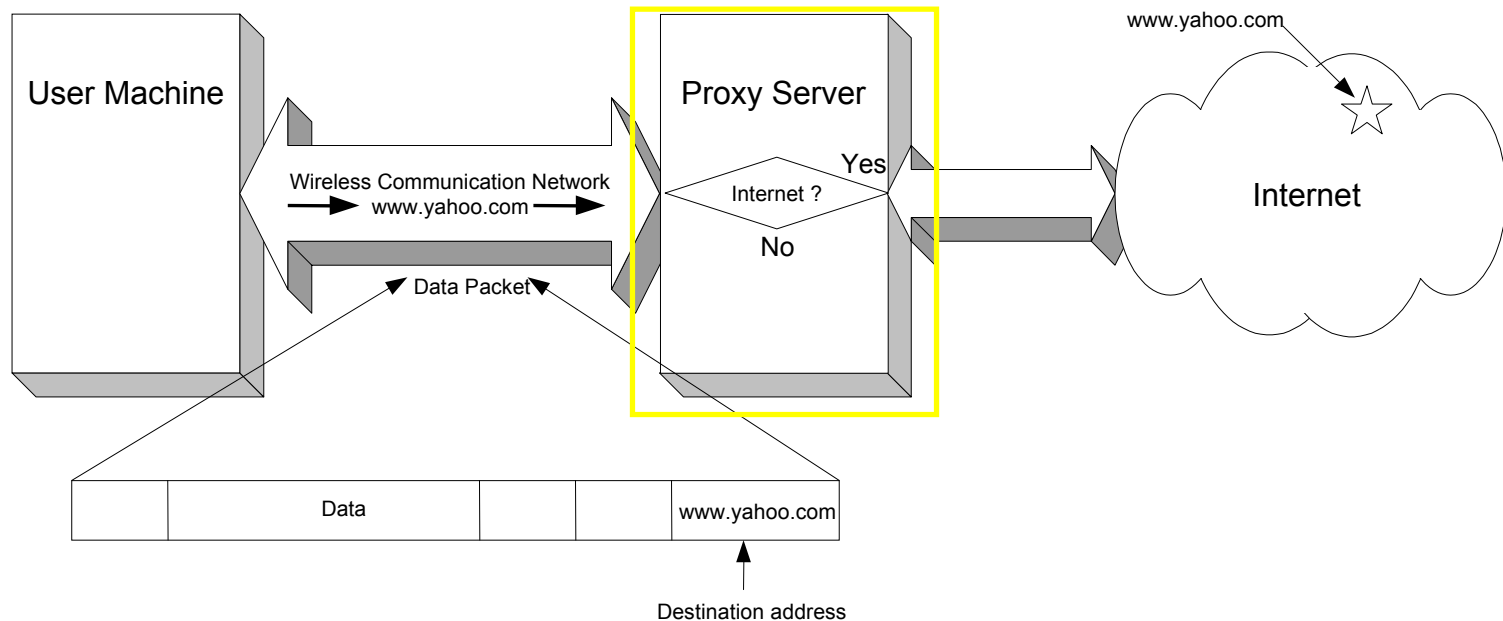
said first message including at least a first data packet having a number of fields including a first field related to a first destination address, with said first destination address being associated with a web site accessible over the Internet,



The user requests a default home page (e.g., www.yahoo.com) as a first destination address. The TCP packet transmitted contains a destination field. This is an example of a user sending a message including a first data packet consisting of fields having a field related to a first destination address being associated with a web site accessible over the Internet.

Generic Wireless Hot Spot Operation Compared to the '677 Patent Claim 13:

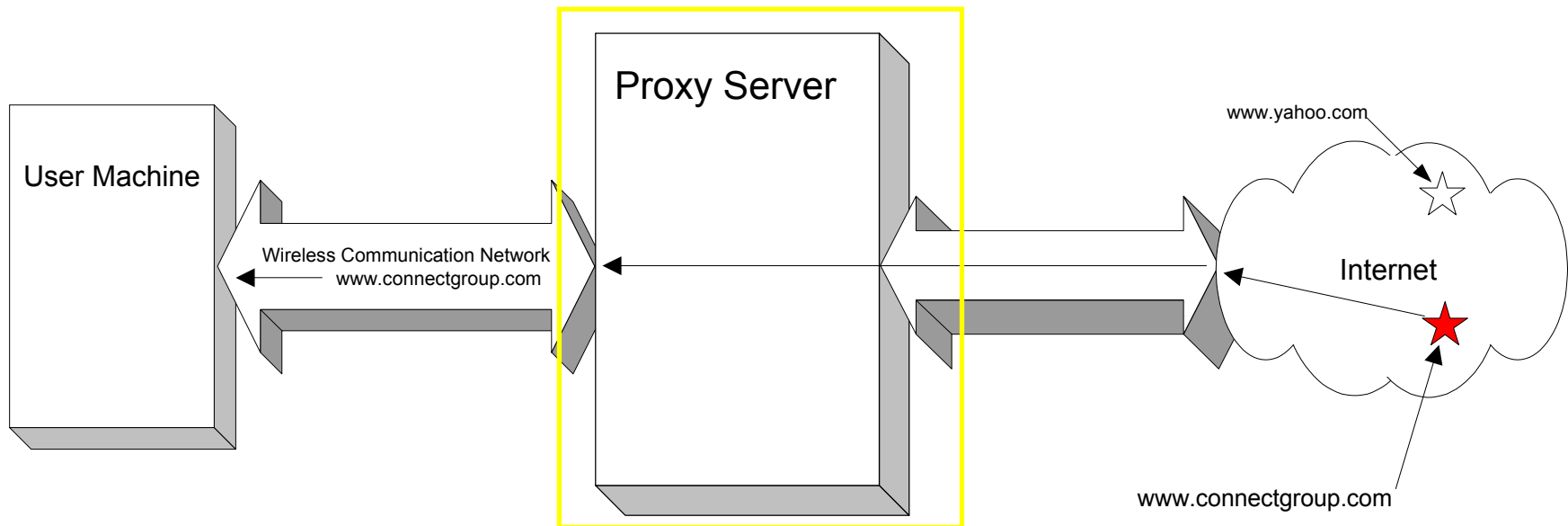
said proxy server ascertaining whether said first message is to be directed to the Internet, said message being sent to a control program of said proxy server when said message is directed to the Internet, said proxy server control program determining whether said message is to be permitted to be sent to said first destination address,



The hot spot gateway is an example of a proxy server operating under a control program to interpret whether the requested destination of the message is on the Internet, and whether the message is permitted to proceed to its destination. The hotspot gateway managing access to the Internet is an example of a proxy server running a control program to interpret whether a message is permitted to be directed to the Internet.

Generic Wireless Hot Spot Operation Compared to the '677 Patent Claim 13:

wherein said proxy server returns at least one web page having information accessible over the Internet, using said source, which is different from a web page having information available over the Internet using said first destination address.



The hot spot gateway redirecting a user request to a web page that the user did not request, such as a Welcome Page, is an example of a proxy server redirecting the user machine to a source which is different from the web page having information available over the Internet using said first destination address.

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Generic Wireless Hot Spot Performs all Steps of US Patent 6,226,677 Claim 13



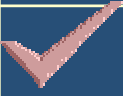
proxy server in communication with user machine



communications network interconnecting user machine and proxy server



proxy server receives first message from user machine and determining if message is permitted to be sent to Internet. Proxy server returns at least one web page having information different from first destination address in first message.



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