

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:	:	Customer Number:
	:	
Victor Larson	:	Confirmation Number: 3528
	:	
Serial No.: 11/679,416	:	Group Art Unit: 2453
	:	
Filed: February 27, 2007	:	Examiner: Krisna Lim
	:	
For:	:	Attorney Reference No:
	:	
METHOD FOR ESTABLISHING SECURE COMMUNICATION LINK BETWEEN COMPUTERS OF VIRTUAL PRIVATE NETWORK		077580-0015 (VRNK-1CP2DVCN)

FILED VIA EFS-WEB

RESPONSE/AMENDMENT "B"

Sir:

In response to the final Office Action dated April 8, 2010, it is respectfully requested that the time for response to the Office Action be extended for three (3) months to October 8, 2010, and reconsideration and further examination of the above-identified application are respectfully requested based on the following:

Amendments to the Claims are reflected in the listing of claims, which begins on page 2 of this paper.

Remarks/Arguments begin on page 7 of this paper.

AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions, and listings, of claims in the application:

LISTING OF CLAIMS:

1. (Cancelled)
2. (Currently Amended) A method of ~~communicating using a first device to communicate with a second device~~ having a secure name, the method comprising:
 - from the first device, sending a message to a secure name service, the message requesting ~~[[an]]~~ a network address associated with the secure name of the second device;
 - at the first device, receiving a message containing the network address associated with the secure name of the second device; and
 - from the first device, sending a message to the network address associated with the secure name of the second device using a secure communication link.
3. (Currently Amended) The method according to claim 2, wherein the secure name of the second device is a secure domain name~~further including supporting a plurality of services through the secure communication link.~~
4. (Previously Presented) The method according to claim 2, wherein the secure name indicates security.
5. (Currently Amended) The method according to claim 2, wherein receiving the message containing the network address associated with the secure name of the second device includes receiving the message in encrypted form.
6. (Previously Presented) The method according to claim 5, further including decrypting the message.
7. (Currently Amended) The method according to claim 2, wherein the second device is capable of supporting a secure communication link as well as a non-secure communication link, the method further including establishing a non-secure communication link with the second device when needed...

8. (Currently Amended) The method according to claim 2, wherein receiving a message containing the network address associated with the secure name of the device includes receiving the network address as an IP address associated with the secure name of the device.

9. (Previously Presented) The method according to claim 2, further including automatically initiating the secure communication link after it is enabled.

10. (Currently Amended) The method according to claim 2, wherein receiving a message containing the network address associated with the secure name of the device includes receiving the message at the first device through tunneling within the secure communication link.

11. (Currently Amended) The method according to claim 2, wherein receiving a message containing the network address associated with the secure name of the device includes receiving the message in the form of at least one tunneled packet.

12. (Previously Presented) The method according to claim 2, wherein the receiving and sending of messages includes receiving and sending the messages in accordance with any one of a plurality of communication protocols.

13. (Currently Amended) The method according to claim 2, wherein the receiving ~~an~~ and sending of messages through the secure communication link includes multiple sessions.

14. (Previously Presented) The method according to claim 2, further including supporting a plurality of services over the secure communication link.

15. (Previously Presented) The method according to claim 14, wherein the plurality of services comprises a plurality of communication protocols, a plurality of application programs, multiple sessions, or a combination thereof.

16. (Previously Presented) The method according to claim 15, wherein the plurality of application programs comprises video conferencing, e-mail, a word processing program, telephony or a combination thereof.

17. (Previously Presented) The method according to claim 15, wherein the plurality of services comprises audio, video or a combination thereof.

18. (Previously Presented) The method according to claim 2, wherein the secure communication link is an authenticated link.
19. (Currently Amended) The method according to claim 2, wherein the first device is a computer, and the steps are performed on the computer.
20. (Currently Amended) The method according to claim 2, wherein the first device is a client computer connected to a communication network, and the method is performed by the client computer on the communication network.
21. (Currently Amended) The method according to claim 2, further including providing an ~~unsecure~~ unsecured name associated with the device.
22. (Currently Amended) The method according to claim 2, wherein the secure name is registered prior to the step of sending a message to a secure name service.
23. (Currently Amended) The method according to claim 2, wherein the secure name of the second device is a secure, non-standard domain name.
~~wherein sending a message to a name service comprises sending a first message from a first device to the name service, the first message requesting from the name service the address associated with the secure name of the device,
— wherein receiving a message comprises receiving at the first device a second message from the name service, the second message containing the address associated with the secure name of the device, and
— wherein sending a message to the address comprises sending a third message from the first device to the address associated with the secure name of the device using the secure communication link.~~
24. (Currently Amended) A method ~~for~~ of using a first device to securely communicate ~~communicating~~ with a second device over ~~in~~ a communication network, ~~the device having a secure name,~~ the method comprising:
at the first device requesting and obtaining registration of a secure name of a ~~for the first~~ device, the secure name being associated with ~~[[an]]~~ a network address;

receiving at the network address associated with the secure name of the first device a message from a second device of the desire to securely communicate with the first device; and sending a message securely from the first device to the second device.

25. (Currently Amended) The method according to claim 24, wherein requesting and obtaining registration of a secure name ~~of a~~ for the first device comprises ~~requesting from using~~ the first device to obtain a registration of the secure name ~~of the~~ for the first device, and wherein sending a message securely comprises sending the message from the first device to the second device using a secure communication link.

26. (Currently Amended) A method ~~for communicating of using a first device to~~ communicate with a second device ~~in over~~ a communication network, ~~the device associated with a secure name and an unsecured name~~, the method comprising:

from the first device requesting and obtaining registration of an unsecured name associated with ~~a~~ the first device;

from the first device requesting and obtaining registration of a secure name associated with the first device, wherein ~~[[an]]~~ a unique network address corresponds to the secure name associated with the first device;

receiving at the unique network address associated with the secure name a message from a second device requesting the desire to securely communicate with the first device; and from the first device sending a message securely from the first device to the second device.

27. (Currently Amended) The method according to claim 26, wherein requesting and obtaining registration of an unsecured name associated with ~~a~~ the first device comprises ~~requesting from using~~ the first device to obtain a registration of the unsecured name associated with the first device, and

wherein requesting and obtaining registration of a secure name associated with the first device comprises ~~requesting from using~~ the first device to obtain a registration of the secure name associated with the first device.

28. (Currently Amended) A non-transitory machine-readable medium comprising instructions for:

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