

IPR2015-01046,

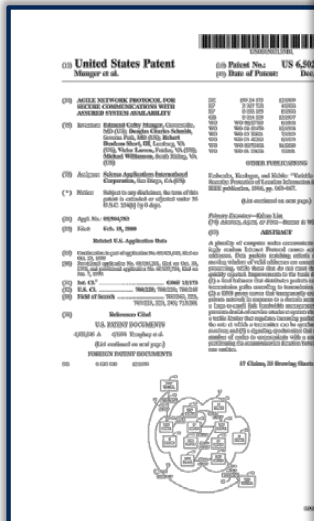
Mangrov

- Kiuchi's User Agent as "Client [Computing Device]"
 - *151 Patent*
 - "determining" by DNS proxy module
 - "between [A] and [B]" and obviousness
 - *135 Patent*
 - "direct" communications
- Kiuchi's Client-Side Proxy as "Client [Computing Device]"
 - *Common Issue*
 - Construction and Application of "client"
 - *151 Patent*
 - Obviousness based on RFC 1034 and
 - Sending/Forwarding DNS request

Claims

135 Patent: Cla

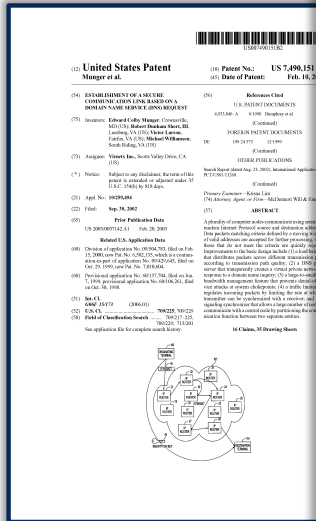
135 Patent Ex. 1001



1. A method of transparently connecting a client computer to a target computer in a network (VPN) between a client computer and a target computer, comprising the steps of:
 - (1) generating from the client computer a Domain Name Service (DNS) request that corresponds to a domain name of the target computer;
 - (2) determining whether the DNS request from step (1) is requesting access to the target computer;
 - (3) in response to determining that the DNS request from step (2) is requesting access to the target computer, automatically initiating the VPN connection between the client computer and the target computer.

151 Patent: Cla

151 Patent Ex. 1001



1. A data processing device, comprising a domain name server (DNS) proxy, intercepts DNS requests sent by a client and, in response to a request, performs the steps of:

- determining whether the intercepted DNS request is for a secure server;
- when the intercepted DNS request is for a secure server, forwarding the request to a secure server, performing a lookup function that returns an IP address for the secure server, and
- when the intercepted DNS request is for a non-secure server, automatically forwarding the request to a non-secure server.

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