# Presentation of Petitioner Apple Inc.

IPR2016-01585

U.S. Patent No. 8,904,516

## IPR2016-01585

## **Ground**

Claims 1-9, 11-23, and 25-28 of the '516 patent are obvious over <u>Beser</u> and <u>RFC 2401</u>

## IPR2016-01585

# Roadmap

- 1. Relevant Prior Decisions
- 2. <u>Beser</u>'s "Request to Look Up an [IP] Address"
- 3. Combination of Beser and RFC 2401
- 4. Audio/Video + End-to-End Dependent Claims
- 5. Messaging Dependent Claims
- 6. Prior Art Status / Motion to Exclude

# '516 Patent, Claim 1



### **United States Patent**

(10) Patent No.: (45) Date of Patent:

- SYSTEM AND METHOD EMPLOYING AN AGILE NETWORK PROTOCOL FOR SECURE COMMUNICATIONS USING SECURE
- Applicant: VirnetX, Inc., Zephyr Cove, NV (US) Inventors: Victor Larson, Fairfax, VA (US);
  Robert Dunham Short, III, Lexington,
  VA (US); Edmund Colby Munger,
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  Williamson, South Riding, VA (US)
- Assignee: VirnetX, Inc., Zephyr Cove, NV (US) Subject to any disclaimer, the term of this patent is extended or adjusted under 35 U.S.C. 154(b) by 0 days.
- This patent is subject to a terminal dis-Appl. No.: 13/911,813
- Jun. 6, 2013
- Prior Publication Data US 2013/0275534 A1 Oct. 17, 2013 Related U.S. Application Data
- Continuation of application No. 13/903,788, filed on May 28, 2013, which is a continuation of application (Continued)

1)	Int. Cl.	
ı.	G06F 9/00	(2006.01)
	H04L 29/12	(2006.01)
	H04L 29/06	(2006.01)
	H04L 12/707	(2013.01)
	G06F 21/60	(2013.01)
	H04L 12/46	(2006.01)
	H04L 12/703	(2013.01)
	H04L 29/08	(2006.01)
	H04L 12/701	(2013.01)
	H04L 12/24	(2006.01)

..... H04L 67/14 (2013.01); H04L 29/12594 (2013.01); H04L 61/303 (2013.01); H04L 63/1466 (2013.01); H04L 45/24 (2013.01);

CPC .. H04L 63/0272; H04L 12 .. 726/11, 12, 15 See application file for complete s

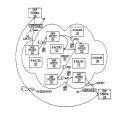
U.S. PATENT DOCUME

(Continued) FOREIGN PATENT DOCU

(Continued) OTHER PUBLICATIO

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A system for connecting a first network network device includes one or more sen-configured to: (a) receive, from the first request to look up a network address of request to look up a network address of device based on an identifier associated work device; (b) determine, in responsible the communications service; and (c) initiate work communication link between the and the second network device based on the second network device is available for



1. A system for connecting a first network device and a second network device, the system including one or more servers configured to:

intercept, from the first network device, a request to look up an internet protocol (IP) address of the second network device based on an identifier associated with the second network device;

determine, in response to the request, whether the second network device is available for a secure communications service; and

initiate an encrypted communication link between the first network device and the second network device based on a determination that the second network device is available for the secure communications service, wherein

the secure communications service communicates using the encrypted communication link,

the first network device is a device at which a user uses the secure communications service to access the encrypted communication link, and;

the one or more servers includes one or more processors.

'516 Patent (Ex. 1001) at Claim 1

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