

(12) **United States Patent**
Larson et al.

(10) **Patent No.:** **US 8,504,697 B2**
 (45) **Date of Patent:** ***Aug. 6, 2013**

(54) **SYSTEM AND METHOD EMPLOYING AN AGILE NETWORK PROTOCOL FOR SECURE COMMUNICATIONS USING SECURE DOMAIN NAMES**

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(*) Notice: 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 disclaimer.

(21) Appl. No.: **13/339,257**

(22) Filed: **Dec. 28, 2011**

(65) **Prior Publication Data**
 US 2012/0102204 A1 Apr. 26, 2012

Related U.S. Application Data

- (63) Continuation of application No. 13/049,552, filed on Mar. 16, 2011, which is a continuation of application No. 11/840,560, filed on Aug. 17, 2007, now Pat. No. 7,921,211, which is a continuation of application No. 10/714,849, filed on Nov. 18, 2003, now Pat. No. 7,418,504, which is a continuation of application No. 09/558,210, filed on Apr. 26, 2000, now abandoned, which is a continuation-in-part of application No. 09/504,783, filed on Feb. 15, 2000, now Pat. No. 6,502,135, which is a continuation-in-part of application No. 09/429,643, filed on Oct. 29, 1999, now Pat. No. 7,010,604.
- (60) Provisional application No. 60/106,261, filed on Oct. 30, 1998, provisional application No. 60/137,704, filed on Jun. 7, 1999.

(51) **Int. Cl.**
G06F 15/16 (2006.01)

(52) **U.S. Cl.**
 USPC **709/227**

(58) **Field of Classification Search**
 USPC 709/223–227
 See application file for complete search history.

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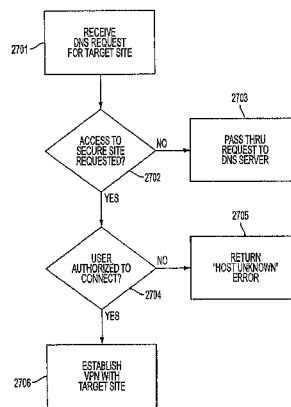
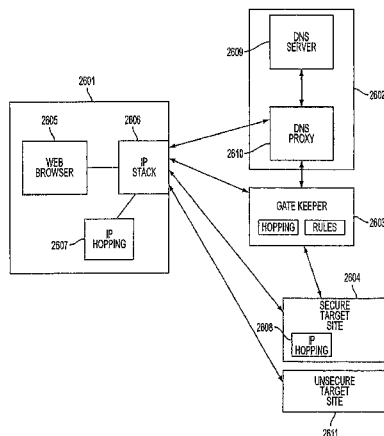
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(57) **ABSTRACT**

A system and method connect a first network device and a second network device by initiating a secure communication link. The system includes one or more servers configured to: receive, from the first network device, a request to look up a network 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 a secure 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 uses the secure communication link to communicate at least one of video data and audio data between the first network device and the second network device.

30 Claims, 40 Drawing Sheets



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Exhibit S, Declaration of Nathaniel Polish, Ph.D.
 Exhibit R, Excerpts from Patent Owner & Plaintiff VirnetX Inc.'s First Amended P.R. 3-1 and 3-2 Disclosure of Asserted Claims and Infringement Contentions.
 Declaration of Angelos D. Keromytis, Ph.D.
 Declaration of Dr. Robert Dunham Short III.
 Exhibit A-1, *Verdict Form from VirnetX, Inc. v. Microsoft Corp.*, No. 6:07-CV-80 (E.D. Tex.).
 Exhibit A-3, Declaration of Jason Nieh, Ph.D. (Control No. 95/001,269).
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