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

(75) Inventors: **Victor Larson**, Fairfax, VA (US);  
**Robert Dunham Short, III**, Leesburg, VA (US); **Edmond Colby Munger**, Crownsville, MD (US); **Michael Williamson**, South Riding, VA (US)

(73) Assignee: **VirnetX, Inc.**, Zephyr Cove, NV (US)

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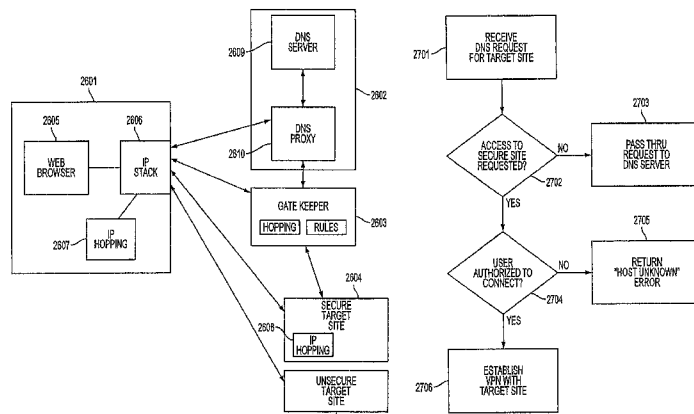
*Primary Examiner* — Krisna Lim

(74) *Attorney, Agent, or Firm* — McDermott Will & Emery LLP

(57) **ABSTRACT**

A network device comprises a storage device storing an application program for a secure communications service; and at least one processor configured to execute the application program enabling the network device to: (a) send a request to look up a network address of a second network device based on an identifier; (b) receive an indication that the second network device is available for the secure communications service, the indication including the requested network address of the second network device and provisioning information for a secure communication link; (c) connect to the second network device over the secure communication link, using the received network address of the second network device and the provisioning information for the secure communication link; and (d) communicate at least one of video data and audio data with the second network device using the secure communications service via the secure communication link.

**27 Claims, 40 Drawing Sheets**



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