

UNITED STATES PATENT AND TRADEMARK OFFICE

BEFORE THE PATENT TRIAL AND APPEAL BOARD

INTEL CORPORATION

Petitioner

v.

ALACRITECH, INC.

Patent Owner

Case IPR. No. **Unassigned**

U.S. Patent No. 8,805,948

Title: INTELLIGENT NETWORK INTERFACE SYSTEM AND METHOD FOR
PROTOCOL PROCESSING

**Petition For *Inter Partes* Review of U.S. Patent No. 8,805,948 Under
35 U.S.C. §§ 311-319 and 37 C.F.R. §§ 42.1-.80, 42.100-.123**

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| 10.1.2. | [1.1] running, on the host computer, a protocol processing stack including an Internet Protocol (IP) layer and a Transmission Control Protocol (TCP) layer, with an application layer running above the TCP layer; | 55 |
| 10.1.3. | [1.2] initializing, by the host computer, a TCP connection that is defined by source and destination IP addresses and source and destination TCP ports; | 60 |
| 10.1.4. | [1.3] receiving, by the network interface, first and second packets, wherein the first packet has a first TCP header and contains first payload data for the application, and the second packet has a second TCP header and contains second payload data for the application;..... | 63 |
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| 10.1.8. | [1.7] if the packets do not have any of the exception conditions, then bypassing host protocol processing of | |

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| the TCP headers and storing the first payload data and the second payload data together in a buffer of the host computer, such that the payload data is stored in the buffer in order and without any TCP header stored between the first payload data and the second payload data..... | 69 |
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| 10.6.1. [9.P] A method for network communication by a host computer having a network interface that is connected to the host by an input/output bus, the method comprising: | 78 |

| | | |
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| 10.6.2. | [9.1] receiving, by the network interface, a first packet having a header including source and destination Internet Protocol (IP) addresses and source and destination Transmission Control Protocol (TCP) ports; | 79 |
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