

Alacritech Inc.'s Patent Initial Disclosures For I
Exhibit 2

UNITED STATES PATENT NO. 7,673,072

INFRINGEMENT CHART FOR CLAIMS 1-5, 7

'072 Patent Claim² (P.R. 3-1(a))	Accused Instrumentalities And Where Found³ (P.R. 3-1(c))
[072.1] A method comprising: ⁴	Intel's Accused Instrumentalities: (i) any version of its controller, card, or adapter products capable of providing the claimed functionality in combination with an associated server or computer system, including Intel 82540EP Gigabit Ethernet Controller; Intel 82541ER Gigabit Ethernet Controller; Intel 82541PI Gigabit Ethernet Controller; Intel 82544EI Gigabit Ethernet Controller; Intel 82545EM Gigabit Ethernet Controller; Intel 82546GB Gigabit Ethernet Controller; Intel 82546GB Gigabit Ethernet Controller; Intel 82572EI Gigabit Ethernet Controller; Intel 82574L Gigabit Ethernet Controller; Intel 82575EB Gigabit Ethernet Controller; Intel 82576NS Gigabit Ethernet Controller; Intel 82580DB Gigabit Ethernet Controller; Intel 82583V Gigabit Ethernet Controller; Intel 82597E Gigabit Ethernet Controller; Intel 82599EB 10 Gigabit Ethernet Controller; Intel 82599ES 10 Gigabit Ethernet Controller; Intel Ethernet Controller I210-CS; Intel Ethernet Controller I210-IS; Intel Ethernet Controller I350-AM2; Intel Ethernet Controller I350-AM2;

¹ The infringement contentions provided herein are based on information obtained to date and may not be exhaustive. Alacritech's inventor(s) may supplement and/or amend these disclosures to identify additional Asserted Claims (P.R. 3-1(a)), to identify additional Accused Instrumentalities (P.R. 3-1(c)), to identify additional Asserted Claim is found in each Accused Instrumentality (P.R. 3-1(c)), including on the basis of discovery obtained from Intel and from other sources.

² All infringement contentions set forth herein for any independent patent claims are hereby incorporated by reference into the infringement contentions for the independent claims, as if fully set forth therein.

³ The Accused Instrumentalities and associated exhibits discussed and/or cited for any claim herein are representative in all material respects. Although various servers may have immaterial differences in their hardware, firmware, and/or software configuration, the cited references are representative of servers that implement the claimed functionality.

⁴ Alacritech's inclusion of any claim preamble in this claim chart should not be interpreted as an admission that the preamble is limiting. The inclusion of a claim preamble in this chart is merely for illustrative purposes and should not be interpreted as limiting or not limiting on a claim-by-claim basis.

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'072 Patent Claim ² (P.R. 3-1(a))	Accused Instrumentalities And Where (P.R. 3-1(f))
	<p>Controller X540-AT2; Intel Ethernet Controller X540-BT2; Intel Ethernet Controller X540-AT2; Intel Ethernet Controller X550-BT2; Intel Ethernet Controller X540-AT2; Intel Ethernet Controller XL710-AM1; Intel Ethernet Controller XL710-BM2; Intel Ethernet Multi-host Controller FM1000; Intel Ethernet Network Daughter Card X520-DA2 /I350-T2; Intel Ethernet Network Daughter Card X520-DA2; Intel Ethernet Converged Network Adapter X520-QDA1; Intel Ethernet Converged Network Adapter X540-SR2; Intel Ethernet Converged Network Adapter X540-T1; Intel Ethernet Converged Network Adapter X550-T1; Intel Ethernet Converged Network Adapter X710-DA2; Intel Ethernet Converged Network Adapter X710-DA4 FH; Intel Ethernet Converged Network Adapter XL710-QDA2; Intel Ethernet Server Adapter I210-T1; Intel Ethernet Server Adapter I340-T2; Intel Ethernet Server Adapter I340-T4; Intel Ethernet Server Adapter I350-T2V2; Intel Ethernet Server Adapter I350-T2V2 for Open Compute Project; Intel Ethernet Server Adapter X520-D2V2 for Open Compute Project; Intel Ethernet Server Adapter XL710-QDA1 for Open Compute Project; Intel Ethernet Server Adapter XL710-QDA2 for Open Compute Project; Intel Ethernet Server Adapter X540-T1; Intel Ethernet Server Adapter X520-SR2; Intel Ethernet Server Bypass Adapter X540-T1; Intel Ethernet Dual Port Server Adapter; Intel Gigabit ET Dual Port Server Adapter; Intel PRO/1000 PT Dual Port Server Adapter; Intel X710/I350 Dual GbE and Dual Port 10 GbE SFP+/T1; Intel Ethernet Connection X557-AT; Intel Ethernet Connection X557-AT2; Intel Ethernet Connection X557-AT2</p> <p>(ii) any of its other activities, products and/or services that use server network functionality.</p> <p>Intel has committed and continues to commit acts of infringement of the above recited Instrumentalities.</p> <p>To the extent that the Court determines that the preamble of this claim is</p>

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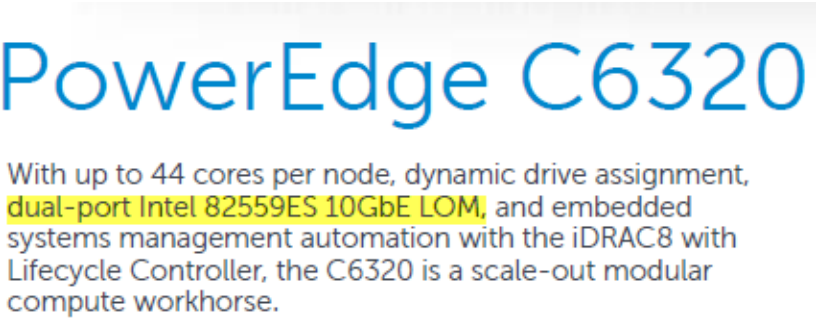
'072 Patent Claim ² (P.R. 3-1(a))	Accused Instrumentalities And Where (P.R. 3-1(f))
	connection with a server or computer, perform the claimed method in c [072.1f], <i>infra</i> .
[072.1a] establishing, at a host computer, a transport layer connection, including creating a context that includes protocol header information for the connection;	The Intel Accused Instrumentalities, as used and tested in connection w computer, a transport layer connection, including creating a context tha Each of the Intel Accused Instrumentalities constitutes or has an LSO-c Controller, and is tested and used with a host computer (e.g., a server). BATES ALA00000029-30, describing a server compatible with the Int

⁵ See also Intel 82540EM Gigabit Ethernet Controller (ALA00005470-ALA00005879); Intel 82540EP Gigabit Ethernet Controller (ALA00005470-ALA00005879); Intel 82541ER Gigabit Ethernet Controller (ALA00005470-ALA00005879); Intel 82541GI Gigabit Ethernet Controller (ALA00005470-ALA00005879); Intel 82544EI Gigabit Ethernet Controller (ALA00005470-ALA00005879); Intel 82545EM Gigabit Ethernet Controller (ALA00005470-ALA00005879); Intel 82546EB Gigabit Ethernet Controller (ALA00005470-ALA00005879); Intel 82546GB Gigabit Ethernet Controller (ALA00005470-ALA00005879); Intel 82547GI Gigabit Ethernet Controller (ALA00005470-ALA00005879); Intel 82571EB Gigabit Ethernet Controller (ALA00009727-ALA00009776); Intel 82574IT Gigabit Ethernet Controller (ALA00009777-ALA00009777-ALA00010278); Intel 82575EB Gigabit Ethernet Controller (ALA06775297-ALA06775365); Intel 82576NS Gigabit Ethernet Controller (ALA00000355-ALA00001310); Intel 82580DB Gigabit Ethernet Controller (ALA00010279-ALA00011014); Intel 82583V Gigabit Ethernet Controller (ALA06775763-ALA06775764); Intel 82598EB 10 Gigabit Ethernet Controller (ALA06775757-ALA00002071-ALA00003136); Intel 82599EN 10 Gigabit Ethernet Controller (ALA00002071-ALA00002071-ALA00003136); Intel Ethernet Controller I210-AS (ALA00012691-ALA00013556); Intel Ethernet Controller I210-CS (ALA00012691-ALA00013556); Intel Ethernet Controller I210-IS (ALA00012691-ALA00013556); Intel Ethernet Controller I211-AT (ALA06777281-ALA06777812); Intel Ethernet Controller I350-AM4 (ALA00003149-ALA00004158); Intel Ethernet Controller I350-BT2 (ALA00003149-ALA00004164-ALA00005423); Intel Ethernet Controller X540-BT2 (ALA00004164-ALA00005423); Intel Ethernet Controller X550-AT2 (ALA00011157-ALA00012272); Intel Ethernet Controller X550-BT2 (ALA00011157-ALA06777265-ALA06777270); Intel Ethernet Controller X710-BM2 (ALA06777265-ALA06777270); Intel Ethernet Controller XL710-AM2 (ALA00005882-ALA00007532; ALA06775366-ALA06775377).

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(ALA00005882-ALA00007532; ALA06775366-ALA06775377); Intel Ethernet Controller XL710-BM2 (ALA00005882-ALA00007532); Intel Ethernet Multi-host Controller FM10420 (ALA06777244-ALA06777245); Intel Ethernet Multi-host Controller FM10420 Daughter Card X520-DA2 /I350-T2 with Intel 82599/i350 Controllers (ALA00005457-ALA00005459; ALA00005457-ALA00005459; ALA00004164-ALA00005423); Intel 82599 Controller (ALA00004159-ALA00004163; ALA00002071-ALA00003136); Intel Ethernet Converged Network Adapter X520-SR1 with Intel 82599 Controller (ALA00004159-ALA00004163; ALA00002071-ALA00003136); Intel Ethernet Converged Network Adapter X520-SR2 with Intel 82599 Controller (ALA00002071-ALA00003136); Intel Ethernet Converged Network Adapter X540-T1 with Intel X540 Controller (ALA00013624-ALA00013628; ALA00004164-ALA00005423); Intel Ethernet Converged Network Adapter X540-T2 with Intel X540 Controller (ALA00013624-ALA00013628; ALA00004164-ALA00005423); Intel Ethernet Converged Network Adapter X550-T1 with Intel X550 Controller (ALA06777259-ALA06777264; ALA00011157-ALA00012272); Intel Ethernet Converged Network Adapter X550-T2 with Intel X550 Controller (ALA06777259-ALA06777264; ALA00011157-ALA00012272); Intel Ethernet Converged Network Adapter X710-DA4 with Intel X710 Controller (ALA06777271-ALA06777276; ALA00005882-ALA00007532; ALA06775366-ALA06775377); Intel Ethernet Converged Network Adapter X710-DA4 FH with Intel X710 Controller (ALA06777265-ALA06777270); Intel Ethernet Converged Network Adapter X710-DA4 with Intel X710 Controller (ALA06777271-ALA06777276; ALA00005882-ALA00007532; ALA06775366-ALA06775377); Intel Ethernet Controller XL710-BM2 (ALA06777271-ALA06777276; ALA00005882-ALA00007532; ALA06775366-ALA06775377); Intel Ethernet Controller XL710-BM2 (ALA06777246-ALA06777253; ALA00012691-ALA00013556); Intel Ethernet Server Adapter I340-F4 with Intel 82580 Controller (ALA00010279-ALA00011014); Intel Ethernet Server Adapter I340-T2 with Intel 82580 Controller (ALA06776371-ALA06776375; ALA00010279-ALA00011014); Intel Ethernet Server Adapter I340-T4 with Intel 82580 Controller (ALA06776371-ALA06776375; ALA00010279-ALA00011014); Intel Ethernet Server Adapter I350-T2V2 with Intel i350 Controller (ALA06776376-ALA06776381; ALA00003149-ALA00004158); Intel Ethernet Server Adapter I350-T4V2 with Intel i350 Controller (ALA06776376-ALA06776381; ALA00003149-ALA00004158); Intel Ethernet Server Adapter I350-T2V2 with Intel i350 Controller (ALA00004158); Intel Ethernet Server Adapter I350-T4V2 with Intel i350 Controller (ALA06776376-ALA06776381; ALA00003149-ALA00004158); Intel Ethernet Server Adapter X520-DA1 for Open Compute Project with Intel 82599 Controller (ALA00004159-ALA00004163; ALA00002071-ALA00003136); Intel Ethernet Server Adapter X520-DA2 with Intel 82599 Controller (ALA00004159-ALA00004163; ALA00002071-ALA00003136); Intel Ethernet Server Adapter X520-SR1 with Intel 82599 Controller (ALA00004159-ALA00004163; ALA00002071-ALA00003136); Intel Ethernet Server Adapter X520-SR2 with Intel 82599 Controller (ALA06777271-ALA06777276; ALA00005882-ALA00007532); Intel Ethernet Server Adapter XL710-BM2 (ALA06777271-ALA06777276; ALA00005882-ALA00007532); Intel Ethernet Server Bypass Adapter X520-LR1 with Intel 82599 Controller (ALA00002071-ALA00003136); Intel Ethernet Server Bypass Adapter X520-SR2 with Intel 82599 Controller (ALA00002071-ALA00003136); Intel Ethernet Server Bypass Adapter X540-T2 with Intel X540 Controller (ALA00013624-ALA00013628; ALA00013624-ALA00013628; ALA00004164-ALA00005423); Intel Ethernet Server Adapter X540-T2 with Intel 82574 Controller (ALA06777277-ALA06777280; ALA00009777-ALA00010278); Intel Gigabit EF Dual Port Server Adapter with Intel 82574 Controller (ALA00005424-ALA00005430; ALA00000355-ALA00001310); Intel Gigabit ET Dual Port Server Adapter with Intel 82574 Controller (ALA00000355-ALA00001310); Intel Gigabit ET2 Quad Port Server Adapter with Intel 82576 Controller (ALA00000355-ALA00001310); Intel Gigabit ET2 Quad Port Server Adapter with Intel 82576 Controller (ALA00000355-ALA00001310)

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'072 Patent Claim ² (P.R. 3-1(a))	Accused Instrumentalities And Where (P.R. 3-1(b))
	 <p>PowerEdge C6320</p> <p>With up to 44 cores per node, dynamic drive assignment, dual-port Intel 82559ES 10GbE LOM, and embedded systems management automation with the iDRAC8 with Lifecycle Controller, the C6320 is a scale-out modular compute workhorse.</p> <p>In connection with infringing LSO functionality, the host computer establishes a connection by creating a context (e.g., a set of information about the connection) that is used for the connection. For example, the host computer operating system includes a protocol stack for the connection, including creating a context that includes protocol header information for the connection. The network controller in a pseudo header (also called a prototype header) for Windows Vista and Windows Server 2008, BATES ALA00009427-29, implements the LSO architecture that establishes a TCP connection, including creating a context for the connection.</p>

PRO/1000 PF Dual Port Server Adapter with Intel 82571 Controller (ALA00000268-ALA00000271; ALA00009427-29); Intel PRO/1000 PF Dual Port Server Adapter with Intel 82571 Controller (ALA00000272-ALA00000275; ALA00009727-ALA00009776); Intel PRO/1000 PF Dual Port Server Adapter with Intel 82571 Controller (ALA06777820-ALA06777823; ALA00009727-ALA00009776); Intel X710/I350 Dual GbE and Dual GbE Server Adapter with Intel X710/i350 Controllers (ALA00005443-ALA00005448; ALA00005882-ALA00007532; ALA06775366-ALA06775377); Intel X710 Controller (ALA06776369-ALA06776370; ALA00005882-ALA00007532; ALA06775366-ALA06775377); Intel X710 Controller (ALA06776369-ALA06776370; ALA00005882-ALA00007532; ALA06775366-ALA06775377); Intel X710 Controller (ALA06776369-ALA06776370; ALA00005882-ALA00007532; ALA06775366-ALA06775377).

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