

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

EPAS ID: PAT3753304

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	PATENT SECURITY AGREEMENT

CONVEYING PARTY DATA

Name	Execution Date
MELLANOX TECHNOLOGIES, LTD.	02/22/2016

RECEIVING PARTY DATA

Name:	JPMORGAN CHASE BANK, N.A., AS ADMINISTRATIVE AGENT
Street Address:	10 S. DEARBORN, 7TH FLOOR
Internal Address:	IL1-1625
City:	CHICAGO
State/Country:	ILLINOIS
Postal Code:	60603

PROPERTY NUMBERS Total: 211

Property Type	Number
Patent Number:	9111602
Patent Number:	8419444
Patent Number:	7934959
Patent Number:	9014006
Patent Number:	7801027
Patent Number:	8903683
Patent Number:	8989011
Patent Number:	7730214
Patent Number:	8671236
Patent Number:	D737777
Patent Number:	8407478
Patent Number:	8867356
Patent Number:	8811417
Patent Number:	7518164
Patent Number:	7620749
Patent Number:	8705349
Patent Number:	8949486
Patent Number:	9031063
Patent Number:	6735642

PATENT

Property Type	Number
Patent Number:	8375145
Patent Number:	8213315
Patent Number:	9111466
Patent Number:	8924605
Patent Number:	8043877
Patent Number:	7538358
Patent Number:	9130885
Patent Number:	7512717
Patent Number:	7493416
Patent Number:	7617333
Patent Number:	8948199
Patent Number:	8750657
Patent Number:	7676597
Patent Number:	8751701
Patent Number:	7177941
Patent Number:	9032010
Patent Number:	8750660
Patent Number:	8871570
Patent Number:	8949498
Patent Number:	7089587
Patent Number:	7243284
Patent Number:	8817473
Patent Number:	8879258
Patent Number:	8914458
Patent Number:	8869171
Patent Number:	9197586
Patent Number:	8032659
Patent Number:	8346884
Patent Number:	9015350
Patent Number:	9106487
Patent Number:	8913615
Patent Number:	7664909
Patent Number:	7103064
Patent Number:	7620066
Patent Number:	7620064
Patent Number:	7782893
Patent Number:	7457906
Patent Number:	7046668

Property Type	Number
Patent Number:	7706372
Patent Number:	7653754
Patent Number:	9088368
Patent Number:	8990472
Patent Number:	6728743
Patent Number:	7543290
Patent Number:	7929539
Patent Number:	7760741
Patent Number:	6631422
Patent Number:	7603429
Patent Number:	7930437
Patent Number:	8019902
Patent Number:	8671138
Patent Number:	7502370
Patent Number:	8051212
Patent Number:	9008097
Patent Number:	9143467
Patent Number:	8645663
Patent Number:	8255475
Patent Number:	8870467
Patent Number:	8867870
Patent Number:	6922408
Patent Number:	9016957
Patent Number:	8690455
Patent Number:	8370675
Patent Number:	7631106
Patent Number:	8225182
Patent Number:	8751909
Patent Number:	8365057
Patent Number:	7152122
Patent Number:	7263103
Patent Number:	8694701
Patent Number:	7343527
Patent Number:	9106387
Patent Number:	8959265
Patent Number:	7013419
Patent Number:	8761189
Patent Number:	9031086

Property Type	Number
Patent Number:	7149227
Patent Number:	6667918
Patent Number:	9256545
Patent Number:	7245627
Patent Number:	6668299
Patent Number:	7224669
Patent Number:	8908704
Patent Number:	6243787
Patent Number:	6978331
Patent Number:	9003418
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Patent Number:	8196144
Patent Number:	8595741
Patent Number:	6338078
Patent Number:	7514978
Patent Number:	9225628
Patent Number:	9112314
Patent Number:	8944704
Patent Number:	7733875
Patent Number:	8745276
Patent Number:	8886862
Patent Number:	D744957
Patent Number:	D734728
Application Number:	14753159
Application Number:	14215097
Application Number:	14222887
Application Number:	14673892
Application Number:	14662259
Application Number:	14953462
Application Number:	62211885
Application Number:	13628155
Application Number:	14207680
Application Number:	14445079
Application Number:	14527928
Application Number:	62246066
Application Number:	14918599
Application Number:	13851178
Application Number:	14534207

Property Type	Number
Application Number:	14338488
Application Number:	13905149
Application Number:	14662258
Application Number:	14335962
Application Number:	13763676
Application Number:	14324246
Application Number:	14937907
Application Number:	14732853
Application Number:	14052743
Application Number:	14628256
Application Number:	14700206
Application Number:	14721009
Application Number:	14608252
Application Number:	62162854
Application Number:	14337334
Application Number:	62239990
Application Number:	14665005
Application Number:	14608265
Application Number:	62183213
Application Number:	62192582
Application Number:	62163995
Application Number:	14813142
Application Number:	14729127
Application Number:	14132014
Application Number:	62234046
Application Number:	14458273
Application Number:	13481874
Application Number:	14834443
Application Number:	14172969
Application Number:	14667941
Application Number:	13935511
Application Number:	14247255
Application Number:	14265397
Application Number:	14730257
Application Number:	14672397
Application Number:	12785499
Application Number:	13671475
Application Number:	13839193

Property Type	Number
Application Number:	13803144
Application Number:	14690428
Application Number:	13109031
Application Number:	14634842
Application Number:	14583124
Application Number:	14963266
Application Number:	14637414
Application Number:	13792083
Application Number:	14033470
Application Number:	14847021
Application Number:	14745488
Application Number:	14644400
Application Number:	14658260
Application Number:	13925868
Application Number:	14354759
Application Number:	13291143
Application Number:	13972968
Application Number:	14846870
Application Number:	14836988
Application Number:	14745549
Application Number:	13935515
Application Number:	13481890
Application Number:	14224272
Application Number:	14665043
Application Number:	13665946
Application Number:	14046976
Application Number:	14547160
Application Number:	14215099
Application Number:	15041038
Application Number:	13731030
Application Number:	14616760
Application Number:	14664988
Application Number:	14684527
Application Number:	14666342
Application Number:	14860166
Application Number:	13845182
Application Number:	62139843
Application Number:	13958561

Property Type	Number
Application Number:	29519274
Application Number:	29531312

CORRESPONDENCE DATA

Fax Number: (213)891-8763
Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.
Email: ipdocket@lw.com
Correspondent Name: LATHAM & WATKINS LLP
Address Line 1: 355 SOUTH GRAND AVENUE
Address Line 4: LOS ANGELES, CALIFORNIA 90071-1560

ATTORNEY DOCKET NUMBER:	030188-0029
NAME OF SUBMITTER:	RHONDA DELEON
SIGNATURE:	/Rhonda DeLeon/
DATE SIGNED:	02/24/2016

Total Attachments: 28
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PATENT SECURITY AGREEMENT dated as of February 22, 2016 (this "Agreement"), among Mellanox Technologies, Ltd., Mellanox Technologies TLV Ltd., Integrity Project Ltd., and Mellanox Technologies Silicon Photonics Inc. (each a "Grantor" and collectively, the "Grantors") and JPMorgan Chase Bank, N.A. ("JPMCB"), as Administrative Agent.

Reference is made to (a) the Credit Agreement dated as of February 22, 2016, (as amended, restated, supplemented or otherwise modified from time to time, the "Credit Agreement"), among Mellanox Technologies, Ltd. and Mellanox Technologies, Inc. (the "Borrowers"), the Lenders from time to time party thereto and JPMCB, as Administrative Agent, and (b) the Collateral Agreement dated as of February 22, 2016 (as amended, restated, supplemented or otherwise modified from time to time, the "Collateral Agreement"), among the Borrowers, the Subsidiary Loan Parties from time to time party thereto and JPMCB, as Administrative Agent. The Lenders have agreed to extend credit to the Borrowers subject to the terms and conditions set forth in the Credit Agreement. The obligations of the Lenders to extend such credit are conditioned upon, among other things, the execution and delivery of this Agreement. The Subsidiary Loan Parties party hereto are Affiliates of the Borrowers, will derive substantial benefits from the extension of credit to the Borrowers pursuant to the Credit Agreement and are willing to execute and deliver this Agreement in order to induce the Lenders to extend such credit. Accordingly, the parties hereto agree as follows:

SECTION 1. Terms. Each capitalized term used but not otherwise defined herein shall have the meaning specified in the Credit Agreement or the Collateral Agreement, as applicable. The rules of construction specified in Section 1.03 of the Credit Agreement also apply to this Agreement, *mutatis mutandis*. Notwithstanding anything contained in this Agreement to the contrary: (a) with respect to the security interests granted by the Israeli Grantors hereunder, this Agreement and each of the terms hereof relating to Patent Collateral shall be limited solely to Patent Collateral located in the United States of America or governed by the laws of the United States of America (including, for the avoidance of doubt, federal laws and state laws); and (b) in respect of Patent Collateral constituting OCS-Funded Know-How, the creation of any security interest over such Patent Collateral and any realization in respect thereof shall be: (i) subject to the OCS Provision (including the Research Law and the OCS approvals dated January 26, 2016 as may be amended from time to time); and (ii) governed by the laws of the State of Israel and subject to the exclusive jurisdiction of the Israeli courts.

SECTION 2. Grant of Security Interest. As security for the payment in full of the Obligations, each Grantor pursuant to the Collateral Agreement did, and hereby does, grant to the Administrative Agent, its successors and assigns, for the benefit of the Secured Parties, a security interest in all right, title and interest in, to and under any and all of the following assets now owned or at any time hereafter acquired by such Grantor or in, to or under which such Grantor now has or at any time hereafter may acquire any right, title or interest (collectively, the "Patent Collateral"):

(a) all letters patent of the United States of America or the equivalent thereof in any other country, all registrations and recordings thereof and all applications for letters patent of the United States of America or the equivalent thereof in any other country or any political subdivision thereof, including registrations, recordings and pending applications in the United

States Patent and Trademark Office, including, in the case of any Grantor, any of the foregoing set forth under its name on Schedule I (as limited by Section 1 above with respect to the security interests granted by the Israeli Grantors hereunder); and

(b) all reissues, continuations, divisionals, continuations-in-part, reexaminations, supplemental examinations, inter partes reviews, renewals, adjustments or extensions thereof, and the inventions disclosed or claimed therein, including the right to make, have made, use, sell, offer to sell, import or export the inventions disclosed or claimed therein.

SECTION 3. Collateral Agreement. The security interests granted to the Administrative Agent herein are granted in furtherance, and not in limitation of, the security interests granted to the Administrative Agent pursuant to the Collateral Agreement. Each Grantor hereby acknowledges and affirms that the rights and remedies of the Administrative Agent with respect to the Patent Collateral are more fully set forth in the Collateral Agreement, the terms and provisions of which are hereby incorporated herein by reference as if fully set forth herein. In the event of any conflict between the terms of this Agreement and the Collateral Agreement, the terms of the Collateral Agreement shall govern.

SECTION 4. Counterparts. This Agreement may be executed in counterparts (and by different parties hereto on different counterparts), each of which shall constitute an original, but all of which when taken together shall constitute a single contract. Delivery of an executed counterpart of a signature page of this Agreement by facsimile or other electronic imaging shall be effective as delivery of a manually executed counterpart of this Agreement.

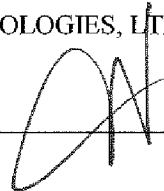
[Signature Pages Follow]

IN WITNESS WHEREOF, the parties hereto have duly executed this Agreement as of the day and year first above written.

MELLANOX TECHNOLOGIES, LTD.

by

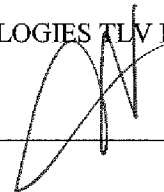
Name:
Title:



MELLANOX TECHNOLOGIES TLV LTD.

by

Name:
Title:



MELLANOX TECHNOLOGIES SILICON
PHOTONICS INC.

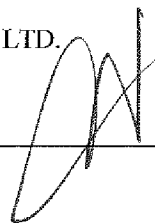
by

Name:
Title:

INTEGRITY PROJECT LTD.

by

Name:
Title:



[Signature Page to Patent Security Agreement]

IN WITNESS WHEREOF, the parties hereto have duly executed this Agreement as of the day and year first above written.

MELLANOX TECHNOLOGIES, LTD.

by

Name:

Title:

MELLANOX TECHNOLOGIES TLV LTD.

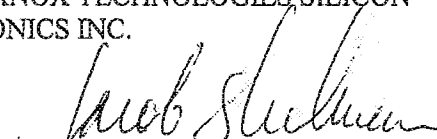
by

Name:

Title:

MELLANOX TECHNOLOGIES SILICON
PHOTONICS INC.

by



Name: Jacob Shulman

Title: Chief Financial Officer

INTEGRITY PROJECT LTD.

by

Name:

Title:

[Signature Page to Patent Security Agreement]

PATENT
REEL: 037900 FRAME: 0730

JPMORGAN CHASE BANK, N.A., as
Administrative Agent

by



Name: Bruce S. Borden
Title: Executive Director

[Signature Page to Patent Security Agreement]

PATENT
REEL: 037900 FRAME: 0731

SCHEDULE I

<u>Loan Party</u>	<u>Title</u>	<u>Application Number</u>	<u>Grant Number</u>
Mellanox Technologies Silicon Photonics Inc.	An electro-optic device	09/083,395	5908305
Mellanox Technologies Silicon Photonics Inc.	Application of electrical field power to Light-Transmitting Medium	13/136,828	8410566
Mellanox Technologies Silicon Photonics Inc.	Assembly of an optical component and optical waveguide	09/264,441	5991484
Mellanox Technologies Silicon Photonics Inc.	Assembly of an optical component and optical waveguide	08/853,104	5881190
Mellanox Technologies Silicon Photonics Inc.	Attenuator Having Reduced Optical Loss in the Pass Mode	10/371,642	6853793
Mellanox Technologies Silicon Photonics Inc.	Compact optical equalizer	09/991,893	6853797
Mellanox Technologies Silicon Photonics Inc.	Connection between an integrated optical waveguide and an optical fiber	08/643,476	5787214
Mellanox Technologies Silicon Photonics Inc.	Controlled Selectivity Etch for Use with Optical Component Fabrication	10/345,709	7005247
Mellanox Technologies Silicon Photonics Inc.	Coupling a Light Sensor Array with an Optical Component	10/267,812	7308166
Mellanox Technologies Silicon Photonics Inc.	Coupling a Light Sensor Array with an Optical Component	11/980,205	7769254
Mellanox Technologies Silicon Photonics Inc.	Detector having tuned resistors	11/899,402	8053722
Mellanox Technologies Silicon Photonics Inc.	Device for re-directing light from an optical waveguide	09/019,729	6108472
Mellanox Technologies Silicon Photonics Inc.	Device with Multiple light sensors receiving light signals from a waveguide	13/066,542	8989540
Mellanox Technologies Silicon Photonics Inc.	Edge coupling of optical devices	13/694,070	9217836
Mellanox Technologies Silicon Photonics Inc.	Efficient Coupling of an optical fiber to optical Component	09/854,425	6614965

Mellanox Technologies Silicon Photonics Inc.	Efficient transfer of light signals between optical devices	11/881,745	7646949
Mellanox Technologies Silicon Photonics Inc.	Electro-optic device	09/874,999	6801702
Mellanox Technologies Silicon Photonics Inc.	Electro-optic modulator	10/468,938	7684655
Mellanox Technologies Silicon Photonics Inc.	End user optical Transceiver with Transmit signal attenuation	11/985,062	7917035
Mellanox Technologies Silicon Photonics Inc.	Enhancing uniformity of slab region thickness in optical components	13/506,910	8728837
Mellanox Technologies Silicon Photonics Inc.	Extension of steps in reflective optical gratings	12/800,600	8463093
Mellanox Technologies Silicon Photonics Inc.	External cavity laser	09/144,075	6101210
Mellanox Technologies Silicon Photonics Inc.	Formation of a surface on an Optical Component	09/723,757	6563997
Mellanox Technologies Silicon Photonics Inc.	Formation of facets on an Optical Component	10/455,865	7267780
Mellanox Technologies Silicon Photonics Inc.	Formation of optical components on a Substrate	09/785,565	6596185
Mellanox Technologies Silicon Photonics Inc.	Forming optical device using multiple mask formation techniques	12/384,094	8571362
Mellanox Technologies Silicon Photonics Inc.	Gain medium providing laser and amplification functionality to optical device	13/317,340	9025241
Mellanox Technologies Silicon Photonics Inc.	Grating having reduced mode dispersion	11/807,219	7409123
Mellanox Technologies Silicon Photonics Inc.	High speed optical intensity modulator	11/147,403	7394949
Mellanox Technologies Silicon Photonics Inc.	High speed optical phase modulator	11/146,898	7394948
Mellanox Technologies Silicon Photonics Inc.	High speed optical phase modulator	12/154,435	7542630
Mellanox Technologies Silicon Photonics Inc.	High speed optical transmitter producing modulated light signals	13/385,780	8526769
Mellanox Technologies Silicon Photonics Inc.	In-line light sensor	10/500,318	7386207
Mellanox Technologies Silicon Photonics Inc.	In-line light sensor	12/080,824	7826700

Mellanox Technologies Silicon Photonics Inc.	In-line light sensor	12/807,973	8326094
Mellanox Technologies Silicon Photonics Inc.	Integrated light absorber	09/095,817	6002514
Mellanox Technologies Silicon Photonics Inc.	Integrated optical device	09/864,393	6556759
Mellanox Technologies Silicon Photonics Inc.	Integrated silicon PIN diode electro-optic device	08/617,810	5757986
Mellanox Technologies Silicon Photonics Inc.	Integration of components on optical device	13/385,774	8638485
Mellanox Technologies Silicon Photonics Inc.	Interface between light source and optical component	12/215,693	7658552
Mellanox Technologies Silicon Photonics Inc.	Isolation device	09/850,060	6628852
Mellanox Technologies Silicon Photonics Inc.	Isolation of components on optical device	13/506,705	8989522
Mellanox Technologies Silicon Photonics Inc.	Light monitor configured to tap portion of light signal from mid-waveguide	12/804,769	8411260
Mellanox Technologies Silicon Photonics Inc.	Light sensor with reduced dark current	13/506,071	8842946
Mellanox Technologies Silicon Photonics Inc.	Method of fabricating an integrated optical component	09/686,906	6509139
Mellanox Technologies Silicon Photonics Inc.	Multi-channel optical device	11/998,846	7542641
Mellanox Technologies Silicon Photonics Inc.	Multi-channel optical device	13/136,601	8463088
Mellanox Technologies Silicon Photonics Inc.	Multi-channel optical device	12/800,047	8965208
Mellanox Technologies Silicon Photonics Inc.	Multiplexer having improved efficiency	10/644,395	7805037
Mellanox Technologies Silicon Photonics Inc.	Optic system for light attenuation	10/485,970	7065264
Mellanox Technologies Silicon Photonics Inc.	Optical component having a flat top output	09/924,398	6614951
Mellanox Technologies Silicon Photonics Inc.	Optical component having features extending different depths into a light transmitting medium	12/321,368	8021561
Mellanox Technologies Silicon Photonics Inc.	Optical component having flat top output	10/101,481	6792180
Mellanox Technologies Silicon Photonics Inc.	Optical component having reduced dependency on	13/385,099	8542954

	etch depth		
Mellanox Technologies Silicon Photonics Inc.	Optical component having reduced dependency on etch depth	13/385,372	8515214
Mellanox Technologies Silicon Photonics Inc.	Optical component having reduced interference from radiation modes	10/649,044	6970611
Mellanox Technologies Silicon Photonics Inc.	Optical component having selected bandwidth	09/998,381	6714704
Mellanox Technologies Silicon Photonics Inc.	Optical Component Having Waveguides Extending from a Common Region	10/236,505	6921490
Mellanox Technologies Silicon Photonics Inc.	Optical coupler at interface between light sensor and waveguide	12/291,003	7769259
Mellanox Technologies Silicon Photonics Inc.	Optical device having light sensor employing horizontal electric field	12/380,016	8053790
Mellanox Technologies Silicon Photonics Inc.	Optical device having light sensor employing horizontal electric field	12/584,476	8093080
Mellanox Technologies Silicon Photonics Inc.	Optical device having modulator employing horizontal electrical field	12/653,547	8346028
Mellanox Technologies Silicon Photonics Inc.	Optical device having partially butt coupled light sensor	12/799,633	8476576
Mellanox Technologies Silicon Photonics Inc.	Optical device having reduced optical leakage	13/374,784	8817354
Mellanox Technologies Silicon Photonics Inc.	Optical Modulator with Three Dimensional Waveguide Tapers	12/816,935	8401345
Mellanox Technologies Silicon Photonics Inc.	Optical receiver for use with a range of signal strengths	12/077,068	7599596
Mellanox Technologies Silicon Photonics Inc.	Optical system having dynamic waveguide alignment	12/928,077	9217831
Mellanox Technologies Silicon Photonics Inc.	Optical waveguide attenuation	09/116,082	6021248
Mellanox Technologies Silicon Photonics Inc.	Phase Modulator for Semiconductor Waveguide	09/533,942	6298177
Mellanox Technologies Silicon Photonics Inc.	Production of an integrated optical device	09/578,513	6517997

Mellanox Technologies Silicon Photonics Inc.	Reducing optical loss in an optical modulator using depletion region	12/660,149	8737772
Mellanox Technologies Silicon Photonics Inc.	Reducing optical loss in reflective optical grating	12/927,412	8300999
Mellanox Technologies Silicon Photonics Inc.	Rib Waveguide Device With Mode Filter	09/731,843	6516120
Mellanox Technologies Silicon Photonics Inc.	Ring resonator with wavelength selectivity	12/928,076	8897606
Mellanox Technologies Silicon Photonics Inc.	Sensing system having wavelength reflectors that receive modulated light signals	11/292,317	7697121
Mellanox Technologies Silicon Photonics Inc.	Stray light absorption	09/076,743	6298178
Mellanox Technologies Silicon Photonics Inc.	System for managing thermal conduction of optical devices	13/507,491	8731345
Mellanox Technologies Silicon Photonics Inc.	System having light sensor with enhanced sensitivity	12/803,136	8639065
Mellanox Technologies Silicon Photonics Inc.	System having light sensor with enhanced sensitivity including a multiplication layer for generating additional electrons	12/589,501	8242432
Mellanox Technologies Silicon Photonics Inc.	System having optical amplifier incorporated into stacked optical devices	12/008,717	7945131
Mellanox Technologies Silicon Photonics Inc.	System having reduced distance between scintillator and Light Sensor Array	12/156,784	7659519
Mellanox Technologies Silicon Photonics Inc.	Transfer of light signals between optical devices	13/888,229	9052464
Mellanox Technologies Silicon Photonics Inc.	Transfer of light signals between optical fibers and system using optical devices with optical vias	12/148,784	8090231
Mellanox Technologies Silicon Photonics Inc.	Tunable add/drop node	10/158,399	6810168
Mellanox Technologies Silicon Photonics Inc.	Tunable add/drop node for optical network	09/724,179	7113704
Mellanox Technologies Silicon Photonics Inc.	Tunable Filter	09/845,685	6853773
Mellanox Technologies	Tunable optical filter	09/872,472	6674929

Silicon Photonics Inc.			
Mellanox Technologies Silicon Photonics Inc.	Wafer level testing of optical components	10/186,187	6947622
Mellanox Technologies Silicon Photonics Inc.	Wafer level testing of optical devices	13/694,047	8724100
Mellanox Technologies Silicon Photonics Inc.	Waveguide end face	09/118,739	6266468
Mellanox Technologies Silicon Photonics Inc.	Waveguide tap monitor	10/161,208	6885795
Mellanox Technologies Silicon Photonics Inc.	Combining light signals from multiple laser cavities	13/385,275	Pending
Mellanox Technologies Silicon Photonics Inc.	Control of thermal energy in optical devices	14/670,292	Pending
Mellanox Technologies Silicon Photonics Inc.	Controlling the composition of electro-absorption media in optical devices	PCT/US/2014/045302	Pending
Mellanox Technologies Silicon Photonics Inc.	Controlling the composition of electro-absorption media in optical devices	14/322,672	Pending
Mellanox Technologies Silicon Photonics Inc.	Coupling between optical devices	13/385,339	Pending
Mellanox Technologies Silicon Photonics Inc. (currently recorded as owned by Kotura, Inc.; Company in process of recording name change)	Edge construction on optical devices	14/974,515	Pending
Mellanox Technologies Silicon Photonics Inc.	Electrooptic silicon modulator with enhanced bandwidth	14/282,975	Pending
Mellanox Technologies Silicon Photonics Inc.	Enhancing planarization uniformity in optical	13/694,048	Pending
Mellanox Technologies Silicon Photonics Inc.	Enhancing the bandwidth of light sensors on planar optical devices	14/853,602	Pending
Mellanox Technologies Silicon Photonics Inc.	Enhancing the performance of light sensors that receive light signals from an integrated waveguide	13/889,890	Pending
Mellanox Technologies Silicon Photonics Inc.	Integration of laser into optical platform	13/506,629	Pending
Mellanox Technologies Silicon Photonics Inc.	Optical Device Having Light Sensor with Doped	13/507,468	Pending

	Regions		
Mellanox Technologies Silicon Photonics Inc.	Reducing power requirements for optical links	14/280,067	Pending
Mellanox Technologies Silicon Photonics Inc.	Reduction of Mode Hopping in a Laser Cavity	13/573,892	Pending
Mellanox Technologies Silicon Photonics Inc.	Resolution of mode hopping in optical links	14/741,391	Pending
Mellanox Technologies Silicon Photonics Inc.	Resolution of mode hopping in the output of laser cavities	14/869,002	Pending
Mellanox Technologies Silicon Photonics Inc.	Temperature control of components on an optical device	14/231,383	Pending
Mellanox Technologies Silicon Photonics Inc. (currently recorded as owned by Kotura, Inc.; Company in process of recording name change)	Temperature control of components on an optical device	PCT/US2015/023 418	Pending
Mellanox Technologies Silicon Photonics Inc. (currently recorded as owned by Kotura, Inc.; Company in process of recording name change)	Temperature control of a component on an optical device	14/337,822	Pending
Mellanox Technologies Silicon Photonics Inc.	Temperature control of components on an optical device	14/671,348	Pending
Mellanox Technologies Silicon Photonics Inc.	Use of Common Active Materials in Optical Components	14/048,685	Pending
Mellanox Technologies Silicon Photonics Inc.	Wafer level testing of optical devices	14/675,256	Pending
Mellanox Technologies TLV Ltd.	Communication link with intra-packet flow control	13/426,748	8908510
Mellanox Technologies TLV Ltd.	Configurable Access Control Lists Using TCAM	13/310,758	8861347
Mellanox Technologies TLV Ltd.	Data Integrity Verification In A Switching Network	09/614,629	6601210
Mellanox Technologies TLV Ltd.	Data Switch with Shared Port Buffers	12/876,265	8644140

Mellanox Technologies TLV Ltd.	Device, System and Method of Accessing Storage	12/328,140	7921178
Mellanox Technologies TLV Ltd.	Device, system and method of multicast communication	11/727,222	7864787
Mellanox Technologies TLV Ltd.	Device, System and Method for Distributing Messages	12/195,805	8108538
Mellanox Technologies TLV Ltd.	Device, System and Method for Distributing Messages	13/334,216	8244902
Mellanox Technologies TLV Ltd.	Device, system and method of publishing information to multiple subscribers	11/778,109	7802071
Mellanox Technologies TLV Ltd.	Device, system and method of UDP communication	11/727,221	7848322
Mellanox Technologies TLV Ltd.	Filtered application-to-application communication	09/863,423	7216225
Mellanox Technologies TLV Ltd.	Forwarding Database Cache	09/892,852	6438130
Mellanox Technologies TLV Ltd.	High-Performance Adaptive Routing	12/910,900	8576715
Mellanox Technologies TLV Ltd.	Memory system for mapping SCSI commands from client device to memory space of server via SSD	13/064,126	8463866
Mellanox Technologies TLV Ltd.	Network element with shared buffers	13/189,593	8699491
Mellanox Technologies TLV Ltd.	Packet switching based on global identifier	13/154,458	8842671
Mellanox Technologies TLV Ltd.	Reducing Power Consumption in a Fat-Tree Network	13/026,309	8570865
Mellanox Technologies TLV Ltd.	Routing support for lossless data traffic	3/717,733	8982703
Mellanox Technologies TLV Ltd.	Service-oriented infrastructure management	11/635,119	7822594

Mellanox Technologies TLV Ltd.	Service-oriented infrastructure management	12/882,225	8280716
Mellanox Technologies TLV Ltd.	Spanning tree root selection in a hierarchical network	12/426,970	8000336
Mellanox Technologies TLV Ltd.	System and Method for Highly Scalable High-Speed Content-base filtering and load balancing in interconnected fabrics	09/934,535	7346702
Mellanox Technologies TLV Ltd.	Topology-Aware Fabric-Based Offloading of Collective Functions	12/616,152	9110860
Mellanox Technologies TLV Ltd.	Virtual input-output connection for machine virtualization	12/344,235	8201168
Mellanox Technologies TLV Ltd.	Virtual input-output connection for machine virtualization	13/431,995	9203645
Mellanox Technologies TLV Ltd.	Adaptive allocation of headroom in network devices	14/718,114	Pending
Mellanox Technologies TLV Ltd.	Algorithmic Routing in Generalized Fat-Trees	14/979,667	Pending
Mellanox Technologies TLV Ltd.	Atomic update of packet classification rules	14/868,405	Pending
Mellanox Technologies TLV Ltd.	Cell-Based Link-Level Retry Scheme	12/897,808	Pending
Mellanox Technologies TLV Ltd.	Congestion estimation for multi-priority traffic	14/967,403	Pending
Mellanox Technologies TLV Ltd.	Dynamic thresholds for congestion control	14/672,357	Pending
Mellanox Technologies TLV Ltd.	EFFICIENT LOOKUP OF TCAM-LIKE RULES IN RAM	14/827,373	Pending
Mellanox Technologies TLV Ltd.	Error Correction on Demand	14/870,031	Pending
Mellanox Technologies TLV Ltd.	Flexible Allocation of Packet Buffers	14/994,164	Pending
Mellanox Technologies TLV Ltd.	High performance Bloom Filtering	14/827,402	Pending
Mellanox Technologies TLV Ltd.	Implementing MPLS short-pipe with PHP and pipe	14/705,003	Pending

	models in a lossless network		
Mellanox Technologies TLV Ltd.	Loopback-free adaptive routing	14/970,608	Pending
Mellanox Technologies TLV Ltd.	Memory-efficient handling of multicast traffic	14/961,923	Pending
Mellanox Technologies TLV Ltd.	Physical-layer signaling of flow control updates	14/664,944	Pending
Mellanox Technologies TLV Ltd.	Processing Enhanced Cuckoo Hashing	14/846,777	Pending
Mellanox Technologies TLV Ltd.	Routable Quantized Congestion Notification (R-QCN)	62/200,669	Pending
Mellanox Technologies TLV Ltd.	Routing controlled by subnet managers	13/721,052	Pending
Mellanox Technologies TLV Ltd.	Switch chassis with flexible topology	14/975,788	Pending
Mellanox Technologies, Ltd.	Accurate Global Reference Voltage Distribution System With Local Reference Voltages Referred To Local Ground And Locally Supplied Voltage	12/726,366	9111602
Mellanox Technologies, Ltd.	Adapter For High-Speed Ethernet	13/225,584	8419444
Mellanox Technologies, Ltd.	Adapter for pluggable module	12/825,365	7934959
Mellanox Technologies, Ltd.	Adaptive Routing Using Inter-Switch Notifications	13/754,921	9014006
Mellanox Technologies, Ltd.	Auto-negotiation by nodes on an infiniband fabric	11/847,360	7801027
Mellanox Technologies, Ltd.	Cable with field-writeable memory	13/091,161	8903683
Mellanox Technologies, Ltd.	Communication over Multiple Virtual Lanes Using a Shared Buffer	13/802,926	8989011
Mellanox Technologies, Ltd.	Communication paths from an InfiniBand host	11/614,057	7730214
Mellanox Technologies, Ltd.	Computer bus with enhanced functionality	13/153,477	8671236
Mellanox Technologies, Ltd.	Connector Receptacle Cage	29/451,884	D737,777

Mellanox Technologies, Ltd.	Control Message Signature for Device Control	12/498,381	8407478
Mellanox Technologies, Ltd.	Credit-based flow control for ethernet	13/245,886	8867356
Mellanox Technologies, Ltd.	Cross-Channel Network Operations Offloading for Collective Operations	12/945,904	8811417
Mellanox Technologies, Ltd.	Current-triggered low turn-on voltage SCR	11/691,514	7518164
Mellanox Technologies, Ltd.	Descriptor prefetch mechanism for high latency and out of order DMA device	11/621,789	7620749
Mellanox Technologies, Ltd.	Destination-Based Congestion Control	13/304,654	8705349
Mellanox Technologies, Ltd.	Direct Memory Access to Storage Devices	13/943,809	8949486
Mellanox Technologies, Ltd.	Direct Updating of Network Delay in Synchronization Packets	13/778,180	9031063
Mellanox Technologies, Ltd.	DMA Doorbell	09/870,016	6735642
Mellanox Technologies, Ltd.	Doorbell Handling with Priority Processing Function	10/052,500	8375145
Mellanox Technologies, Ltd.	Dynamically-connected transport services	12/621,523	8213315
Mellanox Technologies, Ltd.	Efficient Access to Connectivity Information Using Cable Identification	13/743,364	9111466
Mellanox Technologies, Ltd.	Efficient delivery of completion notifications	13/682,773	8924605
Mellanox Technologies, Ltd.	Electro-optic integrated circuits and methods for the production thereof	12/198,867	8043877
Mellanox Technologies, Ltd.	Electro-Optical Circuitry Having Integrated Connector and Methods for the Production thereof	10/595,372	7538358
Mellanox Technologies, Ltd.	End-to-end cache for network elements	13/609,378	9130885
Mellanox Technologies, Ltd.	Fibre Channel Controller Shareable by a Plurality of Operating System Domains within a Load-Store	11/045,870	7512717

	Architecture		
Mellanox Technologies, Ltd.	Fibre Channel Controller Shareable by a Plurality of Operating System Domains within a Load-Store Architecture	11/046,537	7493416
Mellanox Technologies, Ltd.	Fibre Channel Controller Shareable by a Plurality of Operating System Domains within a Load-Store Architecture	11/046,564	7617333
Mellanox Technologies, Ltd.	Fibre Channel Processing by a Host Channel Adapter	12/398,194	8948199
Mellanox Technologies, Ltd.	Flip-chip optical interface with micro-lens array	13/677,374	8750657
Mellanox Technologies, Ltd.	Handling Multiple Network Transport Service Levels With Hardware And Software Arbitration	10/052,435	7676597
Mellanox Technologies, Ltd.	Host Channel Adapter With Pattern-type DMA	13/337,178	8751701
Mellanox Technologies, Ltd.	Increasing TCP re-transmission process speed	10/733,630	7177941
Mellanox Technologies, Ltd.	Integer divider module	13/664,428	9032010
Mellanox Technologies, Ltd.	Integrated Optical Interconnect	13/369,324	8750660
Mellanox Technologies, Ltd.	Integrated optoelectronic interconnects with side-mounted transducers	13/419,447	8871570
Mellanox Technologies, Ltd.	Interrupt Handling in a Virtual Machine Environment	13/652,493	8949498
Mellanox Technologies, Ltd.	ISCSI target offload administrator	10/116,523	7089587
Mellanox Technologies, Ltd.	Limiting number of retransmission attempts for data transfer via network interface controller	10/733,668	7243284
Mellanox Technologies, Ltd.	Liquid cooling system for modular electronic systems	13/245,078	8817473
Mellanox Technologies, Ltd.	Liquid cooling system for modular electronic systems	14/322,973	8879258

Mellanox Technologies, Ltd.	Look-Ahead Handling of Page Faults in I/O Operations	13/628,075	8914458
Mellanox Technologies, Ltd.	Low-latency communications	13/329,342	8869171
Mellanox Technologies, Ltd.	Maintaining consistent quality of service between subnets	13/754,912	9197586
Mellanox Technologies, Ltd.	Method and Apparatus for a Shared I/O Network Interface Controller	11/050,420	8032659
Mellanox Technologies, Ltd.	Method and apparatus for a shared I/O network interface controller	10/909,254	8346884
Mellanox Technologies, Ltd.	Method and apparatus for a shared I/O network interface controller	13/467,143	9015350
Mellanox Technologies, Ltd.	Method and apparatus for a shared I/O network interface controller	13/467,161	9106487
Mellanox Technologies, Ltd.	Method and apparatus for a shared I/O network interface controller	13/467,174	8913615
Mellanox Technologies, Ltd.	Method and apparatus for a shared I/O serial ATA controller	10/864,766	7664909
Mellanox Technologies, Ltd.	Method and apparatus for shared I/O in a load/store fabric	10/757,711	7103064
Mellanox Technologies, Ltd.	Method and apparatus for shared I/O in a load/store fabric	11/235,513	7620066
Mellanox Technologies, Ltd.	Method and apparatus for shared I/O in a load/store fabric	11/235,514	7620064
Mellanox Technologies, Ltd.	Method and apparatus for shared I/O in a load/store fabric	11/381,561	7782893
Mellanox Technologies, Ltd.	Method and apparatus for shared I/O in a load/store fabric	10/757,713	7457906
Mellanox Technologies, Ltd.	Method and apparatus for shared I/O in a load/store fabric	10/757,714	7046668
Mellanox Technologies, Ltd.	Method and apparatus for shared I/O in a load/store	11/379,264	7706372

	fabric		
Mellanox Technologies, Ltd.	Method, System and Protocol that enable unrestricted user-level access to a network interface adapter	10/750,762	7653754
Mellanox Technologies, Ltd.	Methods and Devices for Active Optical Cable Calibration	13/733,435	9088368
Mellanox Technologies, Ltd.	Methods and Systems for Running Network Protocols Over Peripheral Component Interconnect Express	13/658,976	8990472
Mellanox Technologies, Ltd.	Modulo remainder generator	09/754,479	6728743
Mellanox Technologies, Ltd.	Multiple queue pair access with single doorbell	09/991,692	7543290
Mellanox Technologies, Ltd.	Multiple queue pair access with single doorbell	12/360,119	7929539
Mellanox Technologies, Ltd.	Network acceleration architecture	11/132,100	7760741
Mellanox Technologies, Ltd.	Network adapter utilizing a hashing function for distributing packets to multiple processors for parallel processing	09/383,741	6631422
Mellanox Technologies, Ltd.	Network adapter with shared database for message context information	11/329,074	7603429
Mellanox Technologies, Ltd.	Network adapter with shared database for message context information	12/369,795	7930437
Mellanox Technologies, Ltd.	Network Adapter with shared database for message context information	12/208,355	8019902
Mellanox Technologies, Ltd.	Network Adapter with shared database for message context information	13/177,572	8671138

Mellanox Technologies, Ltd.	Network Controller for Obtaining a Plurality of Network Port Identifiers in Response to Load-Store Transactions from a Corresponding Plurality of Operating System Domains Within a Load-Store Architecture	11/045,869	7502370
Mellanox Technologies, Ltd.	Network interface adapter with shared data send resources	10/000,456	8051212
Mellanox Technologies, Ltd.	Network interface controller supporting network virtualization	13/731,130	9008097
Mellanox Technologies, Ltd.	Network interface controller with circular receive buffer	13/280,457	9143467
Mellanox Technologies, Ltd.	Network Interface Controller with Flexible Memory Handling	13/229,772	8645663
Mellanox Technologies, Ltd.	Network interface device with memory management capabilities	12/430,912	8255475
Mellanox Technologies, Ltd.	Optical interface and splitter with micro-lens array	13/731,025	8870467
Mellanox Technologies, Ltd.	Optical module fabricated on folded printed circuit board	13/366,326	8867870
Mellanox Technologies, Ltd.	Packet Communication Buffering With Dynamic Flow Control	09/758,029	6922408
Mellanox Technologies, Ltd.	Parallel Optics Integrated Cooling	14/294,167	9016957
Mellanox Technologies, Ltd.	Planar optical interface and splitter	13/532,829	8690455
Mellanox Technologies, Ltd.	Precise clock synchronization	12/618,730	8370675
Mellanox Technologies, Ltd.	Prefetching of receive queue descriptors	10/218,605	7631106
Mellanox Technologies, Ltd.	Processing of Block and Transaction signatures	12/573,119	8225182
Mellanox Technologies, Ltd.	Processing of Block and Transaction signatures	13/489,474	8751909

Mellanox Technologies, Ltd.	Processing of data integrity field (DIF)	12/512,026	8365057
Mellanox Technologies, Ltd.	Queue pair context cache	10/052,413	7152122
Mellanox Technologies, Ltd.	Receive Queue Descriptor Pool	10/200,189	7263103
Mellanox Technologies, Ltd.	Recovering dropped instructions in a network interface controller	13/326,354	8694701
Mellanox Technologies, Ltd.	Recovery from iSCSI corruption with RDMA ATP mechanism	10/905,812	7343527
Mellanox Technologies, Ltd.	Reducing Power Consumption in a Fat-Tree Network	14/033,471	9106387
Mellanox Technologies, Ltd.	Reducing size of completion notifications	13/682,772	8959265
Mellanox Technologies, Ltd.	Reliable Message Transmission With Packet-Level Resend	10/119,808	7013419
Mellanox Technologies, Ltd.	Responding to dynamically-connected transport requests	13/535,382	8761189
Mellanox Technologies, Ltd.	Responding to dynamically-connected transport requests	14/277,793	9031086
Mellanox Technologies, Ltd.	Round-robin arbiter with low jitter	10/158,476	7149227
Mellanox Technologies, Ltd.	Self-repair of embedded memory arrays	10/135,361	6667918
Mellanox Technologies, Ltd.	Shared memory access using independent memory maps	13/471,558	9256545
Mellanox Technologies, Ltd.	Sharing A Network Interface Card Among Multiple Hosts	10/127,710	7245627
Mellanox Technologies, Ltd.	Software Interface Between A Parallel Bus And A Packet Network	09/655,919	6668299
Mellanox Technologies, Ltd.	Static Rate Flow Control	10/054,148	7224669
Mellanox Technologies, Ltd.	Switch with Dual-Function Management Port	13/755,137	8908704
Mellanox Technologies, Ltd.	Synchronization Of Interrupts With Data Packets	09/559,352	6243787

Mellanox Technologies, Ltd.	Synchronization Of Interrupts With Data Pockets	10/070,594	6978331
Mellanox Technologies, Ltd.	System and method for accelerating input/output access operation on a virtual machine	14/011,767	9003418
Mellanox Technologies, Ltd.	System and Method for Accelerating Input/Output Access Operation on a Virtual Machine	11/208,528	8645964
Mellanox Technologies, Ltd.	System And Method For Accelerating Input/Output Access Operation On A Virtual Machine	12/699,894	8196144
Mellanox Technologies, Ltd.	System And Method For Accelerating Input/Output Access Operation On A Virtual Machine	13/420,641	8595741
Mellanox Technologies, Ltd.	System and method for sequencing packets for multiprocessor parallelization in a computer network system	09/213,920	6338078
Mellanox Technologies, Ltd.	Terminated input buffer with an offset cancellation circuit	11/744,891	7514978
Mellanox Technologies, Ltd.	Topology-based consolidation of link state information	13/114,071	9225628
Mellanox Technologies, Ltd.	Transceiver Receptacle Cage	14/191,550	9112314
Mellanox Technologies, Ltd.	Transceiver Socket Adapter for Passive Optical Cable	13/898,557	8944704
Mellanox Technologies, Ltd.	Transmit flow for network acceleration architecture	11/132,853	7733875
Mellanox Technologies, Ltd.	Use of free pages in handling of page faults	13/628,187	8745276
Mellanox Technologies, Ltd.	Virtualization of Interrupts	13/207,418	8886862
Mellanox Technologies, Ltd.	Quad Small Form-factor Pluggable Connector: QSFP extraction Latch design for AOC	29/481,151	D744957
Mellanox Technologies,	Connector Module	29/464,186	D734728

Ltd.			
Mellanox Technologies, Ltd.	Accelerating and Offloading Lock Access Over a Network	14/753,159	Pending
Mellanox Technologies, Ltd.	Accessing Remote Storage Device Using a Local BUS protocol	14/215,097	Pending
Mellanox Technologies, Ltd.	Adaption of data center performance using VCSEL/PD control	14/222,887	Pending
Mellanox Technologies, Ltd.	Adaptive routing controlled by source node	14/673,892	Pending
Mellanox Technologies, Ltd.	Adaptive Routing Using Inter-Switch Notifications	14/662,259	Pending
Mellanox Technologies, Ltd.	Address translation services for direct accessing of local memory over a network fabric	14/953,462	Pending
Mellanox Technologies, Ltd.	Aggregation Protocol	62/211,885	Pending
Mellanox Technologies, Ltd.	Application-assisted handling of page faults in I/O operations	13/628,155	Pending
Mellanox Technologies, Ltd.	Buffering schemes for communication over long haul links	14/207,680	Pending
Mellanox Technologies, Ltd.	Cable Backplane	14/445,079	Pending
Mellanox Technologies, Ltd.	Cable with field-writeable memory	14/527,928	Pending
Mellanox Technologies, Ltd.	Coherency over PCIe	62/246,066	Pending
Mellanox Technologies, Ltd.	Collaborative Hardware Interaction By Multiple Entities Using A Shared Queue	14/918,599	Pending
Mellanox Technologies, Ltd.	Compact Optical Fiber Splitters	13/851,178	Pending
Mellanox Technologies, Ltd.	Configurable AEN Notification	14/534,207	Pending
Mellanox Technologies, Ltd.	Congestion Control Enforcement in a Virtualized Environment	14/338,488	Pending
Mellanox Technologies,	Connector Extraction Tool	13/905,149	Pending

Ltd.			
Mellanox Technologies, Ltd.	Connector module with internal wireless communication device	14/662,258	Pending
Mellanox Technologies, Ltd.	Credit-based flow control for long-haul links	14/335,962	Pending
Mellanox Technologies, Ltd.	Credit-Based Low-Latency Arbitration with Data Transfer	13/763,676	Pending
Mellanox Technologies, Ltd.	Cross-Channel Network Operations Offloading for Collective Operations	14/324,246	Pending
Mellanox Technologies, Ltd.	Cross-Channel Network Operations Offloading for Collective Operations	14/937,907	Pending
Mellanox Technologies, Ltd.	Decision Mechanisms for Adaptive Routing	14/732,853	Pending
Mellanox Technologies, Ltd.	Detection Of Root And Victim Network Congestion	14/052,743	Pending
Mellanox Technologies, Ltd.	Differentiating among multiple management control instances using IP addresses	14/628,256	Pending
Mellanox Technologies, Ltd.	Differentiating among multiple management control instances using IP addresses	14/700,206	Pending
Mellanox Technologies, Ltd.	Direct access to local memory in a PCI-e device	14/721,009	Pending
Mellanox Technologies, Ltd.	Direct IO access from a CPU's instruction stream	14/608,252	Pending
Mellanox Technologies, Ltd.	DMA, MMIO and PCIe emulation by a network device	62/162,854	Pending
Mellanox Technologies, Ltd.	Dragonfly Plus: Communication Over Bipartite Node Groups Connected by a Mesh Network	14/337,334	Pending
Mellanox Technologies, Ltd.	Dynamic optimization for IP forwarding performance	62/239,990	Pending
Mellanox Technologies, Ltd.	Efficient implementation of MPLS tables for multi-level and multi-path	14/665,005	Pending

	scenarios		
Mellanox Technologies, Ltd.	Efficient Management of Network Traffic in a Multi-CPU Server	14/608,265	Pending
Mellanox Technologies, Ltd.	Efficient ordering and flushing mechanisms for peer or remote device	62/183,213	Pending
Mellanox Technologies, Ltd.	Efficient peer-to-peer entity ID-based access control	62/192,582	Pending
Mellanox Technologies, Ltd.	Efficient TCP flow processing on an accelerator	62/163,995	Pending
Mellanox Technologies, Ltd.	End-to-end cache for network elements	14/813,142	Pending
Mellanox Technologies, Ltd.	Flow-based packet modification	14/729,127	Pending
Mellanox Technologies, Ltd.	Handling transport layer operations received out of order	14/132,014	Pending
Mellanox Technologies, Ltd.	Hardware-based congestion control for TCP traffic	62/234,046	Pending
Mellanox Technologies, Ltd.	High-reliability AOC with redundant emitters	14/458,273	Pending
Mellanox Technologies, Ltd.	High-speed optical module with flexible printed circuit board	13/481,874	Pending
Mellanox Technologies, Ltd.	HYBRID TAG MATCHING	14/834,443	Pending
Mellanox Technologies, Ltd.	Integrated Circuit Inductor	14/172,969	Pending
Mellanox Technologies, Ltd.	Integrated optical cooling core for optoelectronic interconnect modules	14/667,941	Pending
Mellanox Technologies, Ltd.	Interconnection Between Silicon Photonics Devices and Optical Fibers	13/935,511	Pending
Mellanox Technologies, Ltd.	Interconnection Between Silicon Photonics Devices and Optical Fibers	PCT/IB2014/060688	Pending
Mellanox Technologies, Ltd.	Low-Latency Processing in a Network Node	14/247,255	Pending

Mellanox Technologies, Ltd.	Maintaining a system state cache	14/265,397	Pending
Mellanox Technologies, Ltd.	Management of data transmission limits for congestion control	14/730,257	Pending
Mellanox Technologies, Ltd.	Memory sharing using RDMA	14/672,397	Pending
Mellanox Technologies, Ltd.	Method, apparatus and computer product for sending or receiving data over multiple networks	12/785,499	Pending
Mellanox Technologies, Ltd.	Methods and System for Polling Memory Outside a Processor Thread	13/671,475	Pending
Mellanox Technologies, Ltd.	Methods and Systems for Error-Correction Decoding	13/839,193	Pending
Mellanox Technologies, Ltd.	Methods and Systems for Network Congestion Management	13/803,144	Pending
Mellanox Technologies, Ltd.	Module compliance boards for quad small form-factor pluggable (QSFP) devices	14/690,428	Pending
Mellanox Technologies, Ltd.	Mounting rail with internal power cable	13/109,031	Pending
Mellanox Technologies, Ltd.	MPLS forwarding without label swapping	14/634,842	Pending
Mellanox Technologies, Ltd.	Multi-Host Network Interface Controller with Host Management	14/583,124	Pending
Mellanox Technologies, Ltd.	Multi-slot plug-in card	14/963,266	Pending
Mellanox Technologies, Ltd.	Network interface controller supporting network virtualization	14/637,414	Pending
Mellanox Technologies, Ltd.	Network Interface Controller with Compression	13/792,083	Pending
Mellanox Technologies, Ltd.	Network interface controller with direct connection to host memory	14/033,470	Pending
Mellanox Technologies, Ltd.	Network Memory	14/847,021	Pending
Mellanox Technologies, Ltd.	Network with Fallback Routing	14/745,488	Pending
Mellanox Technologies, Ltd.	Network-Attached Memory	14/644,400	Pending

Mellanox Technologies, Ltd.	NIC with switching functionality between its network ports	14/658,260	Pending
Mellanox Technologies, Ltd.	Offloading Node CPU in Distributed Redundant Storage Systems	13/925,868	Pending
Mellanox Technologies, Ltd.	Optical Module	14/354,759	Pending
Mellanox Technologies, Ltd.	Optical Module	PCT/JP2012/077649	Pending
Mellanox Technologies, Ltd.	Packet steering	13/291,143	Pending
Mellanox Technologies, Ltd.	Packet Switch with Reduced Latency	13/972,968	Pending
Mellanox Technologies, Ltd.	Page resolution status reporting	14/846,870	Pending
Mellanox Technologies, Ltd.	Passing power-related information from a host CPU to a peripheral device	14/836,988	Pending
Mellanox Technologies, Ltd.	Peripheral device assistance in reducing CPU power consumption	14/745,549	Pending
Mellanox Technologies, Ltd.	Polymer-Based Interconnection between Silicon Photonics Devices and Optical Fibers	13/935,515	Pending
Mellanox Technologies, Ltd.	Prioritized Handling of Incoming Packets by a Network Interface Controller	13/481,890	Pending
Mellanox Technologies, Ltd.	Reducing Processor Loading During Housekeeping Operations	14/224,272	Pending
Mellanox Technologies, Ltd.	Remote transactional memory	14/665,043	Pending
Mellanox Technologies, Ltd.	Sharing address translation between CPU and peripheral devices	13/665,946	Pending
Mellanox Technologies, Ltd.	Simplified packet routing	14/046,976	Pending
Mellanox Technologies, Ltd.	Simultaneous Operation of Remote Management and Link Aggregation	14/547,160	Pending

Mellanox Technologies, Ltd.	Storage System and Server	14/215,099	Pending
Mellanox Technologies, Ltd.	Summing Multiple Floating Point Numbers in an Associative Manner	15/041,038	Pending
Mellanox Technologies, Ltd.	Switch fabric support for overlay network features	13/731,030	Pending
Mellanox Technologies, Ltd.	Time-Efficient Network Function Virtualization Architecture	14/616,760	Pending
Mellanox Technologies, Ltd.	Traffic-Dependent Adaptive Interrupt Moderation	14/664,988	Pending
Mellanox Technologies, Ltd.	Transceiver Receptacle Cage	14/684,527	Pending
Mellanox Technologies, Ltd.	Transport-Level Link Aggregation and High Availability for Stateful IO Devices	14/666,342	Pending
Mellanox Technologies, Ltd.	Twin Axial Cable structure for transmitting signals	14/860/166	Pending
Mellanox Technologies, Ltd.	Uniting FDB lookups for encapsulated packets	13/845,182	Pending
Mellanox Technologies, Ltd.	Using a single work item to send multiple messages	62/139,843	Pending
Mellanox Technologies, Ltd.	Wavelength Auto Negotiation	13/958,561	Pending
Mellanox Technologies, Ltd.	New Lens and New MT Spring	29/519,274	Pending
Mellanox Technologies, Ltd.	Quad Small Form-factor Pluggable back shell design for AOC	29/531,312	Pending
Integrity Project Ltd.	System and methods thereof for safe compilation of code into embedded processing systems	14/436,090	Pending