

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
Stylesheet Version v1.2

EPAS ID: PAT3843485

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
GEORGE ELIAS	03/20/2016
BARAK GAFNI	04/21/2016
RAN RAVID	03/20/2016
IDO BUKSPAN	03/20/2016
ZACHY HARAMATY	03/21/2016
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	MELLANOX TECHNOLOGIES LTD.
<b>Street Address:</b>	P.O. BOX 586
<b>City:</b>	YOKNEAM
<b>State/Country:</b>	ISRAEL
<b>Postal Code:</b>	20692
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
Application Number:	15081969
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	(003)562-2297
<i>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.</i>	
<b>Phone:</b>	97235622291
<b>Email:</b>	info@dkpat.co.il
<b>Correspondent Name:</b>	D. KLIGLER I.P. SERVICES LTD
<b>Address Line 1:</b>	P.O. BOX 57651
<b>Address Line 4:</b>	TEL AVIV, ISRAEL 61576
<b>ATTORNEY DOCKET NUMBER:</b>	1013-1025
<b>NAME OF SUBMITTER:</b>	MIRIAM NAGAWKAR
<b>SIGNATURE:</b>	/MIRIAM NAGAWKAR/
<b>DATE SIGNED:</b>	04/25/2016
This document serves as an Oath/Declaration (37 CFR 1.63).	
<b>Total Attachments: 6</b>	

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## DECLARATION AND ASSIGNMENT

AS A BELOW NAMED INVENTOR, I hereby declare that:

This declaration and assignment are directed to the attached patent application, entitled OPTIMIZING BUFFER ALLOCATION FOR NETWORK FLOW CONTROL (hereinafter, the Application).

The above-identified Application was made or authorized to be made by me.

I believe I am the original inventor or an original joint inventor of a claimed invention in the Application.

I hereby acknowledge that any willful false statement made in the above declaration is punishable under 18 U.S.C. 1001 by fine or imprisonment of not more than five (5) years, or both.

In consideration of the sum of one dollar (\$1.00) and other good and valuable consideration paid to me, the receipt and sufficiency of which are hereby acknowledged, I agree to assign, and hereby do assign, to:

MELLANOX TECHNOLOGIES TLV LTD. , an Israeli company, having a place of business at 13 Zarchin Street, P.O. Box 4339, Raanana 43662, Israel (hereinafter, Assignee),

my entire right, title and interest in and to any and all inventions described and/or claimed in the Application (hereinafter, the Invention), including, without limitation, the above-mentioned Application itself and all other provisional and non-provisional applications deriving from the above-mentioned Application, and including any original and/or reissued Letters Patent of the United States granted for the Invention and any divisions, reissues, continuations, continuations-in-part, and extensions of any such patent application(s), and including any patents or other forms of protection of industrial property that may be granted in relation to the Invention in any other country, and including the rights to file and prosecute all applications for patents and other forms of protection of industrial property in the United States and other countries and to claim priority from the above-mentioned Application in the United States and in any other country, and including the subject matter of any and all claims which may be obtained in such patents and the right to enforce such patents.

I hereby authorize and request the Commissioner of Patents to issue any and all Letters Patents of the United States resulting from the above-mentioned Application and any divisions, reissues, continuations, or continuations-in-part thereof to the Assignee, as Assignee of the entire interest, and likewise authorize officials of other countries to issue patents and other forms of industrial property protection to the Assignee.

I hereby covenant that I have full right to convey the entire interest herein assigned, and that I have not executed and will not execute any agreement in conflict herewith.

I agree to execute all papers in connection with the above-mentioned Application and any applications filed as divisions, reissues, continuations, or continuations-in-part thereof or otherwise deriving from the above-mentioned Application, including separate assignments in

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connection with such applications, that the Assignee may deem desirable for the purposes of obtaining, protecting and enforcing its rights in the Invention.

I agree to communicate to the Assignee or representatives thereof any facts known to me respecting the Invention and improvements thereof, and will, upon request, but without expense to myself, testify in any legal proceedings regarding the invention and provide any other assistance deemed necessary by the Assignee to obtain, protect and enforce its rights in the Invention.

This Assignment shall be binding upon the heirs, executors, administrators, and assigns of each of the Inventors listed below, and shall inure to the benefit of the heirs, executors, administrators, successors and assigns of the Assignee.

IN WITNESS WHEREOF, the Inventors have executed this Assignment on the date or dates indicated below:

First inventor: George Elias, citizen of Israel

Inventor signature: george elias Date: 20-march-2016  
Residence: 2 Moshe Sneh Street, Tel Aviv 6930101, Israel

Second inventor: Barak Gafni, citizen of Israel

Inventor signature: \_\_\_\_\_ Date: \_\_\_\_\_  
Residence: 10 Haprachim Street, Kfar Malal 4592000, Israel

Third inventor: Ran Ravid, citizen of Israel

Inventor signature: \_\_\_\_\_ Date: \_\_\_\_\_  
Residence: 20 Refidim Street, Tel Aviv 6998242, Israel

Fourth inventor: Ido Bukspan, citizen of Israel

Inventor signature: Ido Bukspan Date: 27/03/2016  
Residence: 2 Uriel Ofek Street, Herzliya 4647002, Israel

Fifth inventor: Zachy Haramaty, citizen of Israel

Inventor signature: Zachy Haramaty Date: 20-march 2016  
Residence: PO Box 237, Hemed, Israel

## DECLARATION AND ASSIGNMENT

AS A BELOW NAMED INVENTOR, I hereby declare that:

This declaration and assignment are directed to the attached patent application, entitled **OPTIMIZING BUFFER ALLOCATION FOR NETWORK FLOW CONTROL** (hereinafter, the Application).

The above-identified Application was made or authorized to be made by me.

I believe I am the original inventor or an original joint inventor of a claimed invention in the Application.

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In consideration of the sum of one dollar (\$1.00) and other good and valuable consideration paid to me, the receipt and sufficiency of which are hereby acknowledged, I agree to assign, and hereby do assign, to:

**MELLANOX TECHNOLOGIES TLV LTD.**, an Israeli company, having a place of business at 13 Zarchin Street, P.O. Box 4339, Raanana 43662, Israel (hereinafter, Assignee),

my entire right, title and interest in and to any and all inventions described and/or claimed in the Application (hereinafter, the Invention), including, without limitation, the above-mentioned Application itself and all other provisional and non-provisional applications deriving from the above-mentioned Application, and including any original and/or reissued Letters Patent of the United States granted for the Invention and any divisions, reissues, continuations, continuations-in-part, and extensions of any such patent application(s), and including any patents or other forms of protection of industrial property that may be granted in relation to the Invention in any other country, and including the rights to file and prosecute all applications for patents and other forms of protection of industrial property in the United States and other countries and to claim priority from the above-mentioned Application in the United States and in any other country, and including the subject matter of any and all claims which may be obtained in such patents and the right to enforce such patents.

I hereby authorize and request the Commissioner of Patents to issue any and all Letters Patents of the United States resulting from the above-mentioned Application and any divisions, reissues, continuations, or continuations-in-part thereof to the Assignee, as Assignee of the entire interest, and likewise authorize officials of other countries to issue patents and other forms of industrial property protection to the Assignee.

I hereby covenant that I have full right to convey the entire interest herein assigned, and that I have not executed and will not execute any agreement in conflict herewith.

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connection with such applications, that the Assignee may deem desirable for the purposes of obtaining, protecting and enforcing its rights in the Invention.

I agree to communicate to the Assignee or representatives thereof any facts known to me respecting the Invention and improvements thereof, and will, upon request, but without expense to myself, testify in any legal proceedings regarding the invention and provide any other assistance deemed necessary by the Assignee to obtain, protect and enforce its rights in the Invention.

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IN WITNESS WHEREOF, the Inventors have executed this Assignment on the date or dates indicated below:

First inventor: George Elias, citizen of Israel

Inventor signature: \_\_\_\_\_ Date: \_\_\_\_\_  
Residence: 2 Moshe Sneh Street, Tel Aviv 6930101, Israel

Second inventor: Barak Gafni, citizen of Israel

Inventor signature: \_\_\_\_\_ Date: \_\_\_\_\_  
Residence: 10 Haprachim Street, Kfar Malal 4592000, Israel

Third inventor: Ran Ravid, citizen of Israel

Inventor signature: Ran Ravid Date: 20/3/2015  
Residence: 20 Refidim Street, Tel Aviv 6998242, Israel

Fourth inventor: Ido Bukspan, citizen of Israel

Inventor signature: \_\_\_\_\_ Date: \_\_\_\_\_  
Residence: 2 Uriel Ofek Street, Herzliya 4647002, Israel

Fifth inventor: Zachy Haramaty, citizen of Israel

Inventor signature: \_\_\_\_\_ Date: \_\_\_\_\_  
Residence: PO Box 237, Hemed, Israel

## DECLARATION AND ASSIGNMENT

AS A BELOW NAMED INVENTOR, I hereby declare that:

This declaration and assignment are directed to the patent application, entitled OPTIMIZING BUFFER ALLOCATION FOR NETWORK FLOW CONTROL which was filed as US Patent Application # 15/081,969 on March 28, 2016 (hereinafter, the Application).

The above-identified Application was made or authorized to be made by me.

I believe I am the original inventor or an original joint inventor of a claimed invention in the Application.

I hereby acknowledge that any willful false statement made in the above declaration is punishable under 18 U.S.C. 1001 by fine or imprisonment of not more than five (5) years, or both.

In consideration of the sum of one dollar (\$1.00) and other good and valuable consideration paid to me, the receipt and sufficiency of which are hereby acknowledged, I agree to assign, and hereby do assign, to:

MELLANOX TECHNOLOGIES TLV LTD. , an Israeli company, having a place of business at 13 Zarchin Street, P.O. Box 4339, Raanana 43662, Israel (hereinafter, Assignee),

my entire right, title and interest in and to any and all inventions described and/or claimed in the Application (hereinafter, the Invention), including, without limitation, the above-mentioned Application itself and all other provisional and non-provisional applications deriving from the above-mentioned Application, and including any original and/or reissued Letters Patent of the United States granted for the Invention and any divisions, reissues, continuations, continuations-in-part, and extensions of any such patent application(s), and including any patents or other forms of protection of industrial property that may be granted in relation to the Invention in any other country, and including the rights to file and prosecute all applications for patents and other forms of protection of industrial property in the United States and other countries and to claim priority from the above-mentioned Application in the United States and in any other country, and including the subject matter of any and all claims which may be obtained in such patents and the right to enforce such patents.

I hereby authorize and request the Commissioner of Patents to issue any and all Letters Patents of the United States resulting from the above-mentioned Application and any divisions, reissues, continuations, or continuations-in-part thereof to the Assignee, as Assignee of the entire interest, and likewise authorize officials of other countries to issue patents and other forms of industrial property protection to the Assignee.

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I agree to communicate to the Assignee or representatives thereof any facts known to me respecting the Invention and improvements thereof, and will, upon request, but without expense to myself, testify in any legal proceedings regarding the invention and provide any other assistance deemed necessary by the Assignee to obtain, protect and enforce its rights in the Invention.

This Assignment shall be binding upon the heirs, executors, administrators, and assigns of each of the Inventors listed below, and shall inure to the benefit of the heirs, executors, administrators, successors and assigns of the Assignee.

IN WITNESS WHEREOF, the Inventors have executed this Assignment on the date or dates indicated below:

Inventor: Barak Gafni, citizen of Israel

Inventor signature:  Date: 21-APR-2016  
Residence: 10 Haprachim Street, Kfar Malal 4592000, Israel