

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
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EPAS ID: PAT4917336

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| <b>SUBMISSION TYPE:</b>                                                                                                                                                                         | NEW ASSIGNMENT                       |                       |  |
| <b>NATURE OF CONVEYANCE:</b>                                                                                                                                                                    | ASSIGNMENT                           |                       |  |
| <b>CONVEYING PARTY DATA</b>                                                                                                                                                                     |                                      |                       |  |
|                                                                                                                                                                                                 | <b>Name</b>                          | <b>Execution Date</b> |  |
|                                                                                                                                                                                                 | ROY ARMONI                           | 04/15/2018            |  |
|                                                                                                                                                                                                 | OR DAVIDI                            | 04/12/2018            |  |
|                                                                                                                                                                                                 | Yael MELLER                          | 04/12/2018            |  |
| <b>RECEIVING PARTY DATA</b>                                                                                                                                                                     |                                      |                       |  |
| <b>Name:</b>                                                                                                                                                                                    | MELLANOX TECHNOLOGIES, LTD.          |                       |  |
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| <b>City:</b>                                                                                                                                                                                    | YOKNEAM                              |                       |  |
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| <b>Postal Code:</b>                                                                                                                                                                             | 2069200                              |                       |  |
| <b>PROPERTY NUMBERS Total: 1</b>                                                                                                                                                                |                                      |                       |  |
|                                                                                                                                                                                                 | <b>Property Type</b>                 | <b>Number</b>         |  |
|                                                                                                                                                                                                 | Application Number:                  | 15953964              |  |
| <b>CORRESPONDENCE DATA</b>                                                                                                                                                                      |                                      |                       |  |
| <b>Fax Number:</b>                                                                                                                                                                              | (704)444-1111                        |                       |  |
| <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>                                                                                                                                                                                   | 704-444-1000                         |                       |  |
| <b>Email:</b>                                                                                                                                                                                   | patent-mail@alston.com               |                       |  |
| <b>Correspondent Name:</b>                                                                                                                                                                      | ALSTON & BIRD LLP                    |                       |  |
| <b>Address Line 1:</b>                                                                                                                                                                          | 101 S TRYON ST, SUITE 4000           |                       |  |
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| <b>Address Line 4:</b>                                                                                                                                                                          | CHARLOTTE, NORTH CAROLINA 28280-4000 |                       |  |
| <b>ATTORNEY DOCKET NUMBER:</b>                                                                                                                                                                  | 060431/506318                        |                       |  |
| <b>NAME OF SUBMITTER:</b>                                                                                                                                                                       | MICHELE M. GLESSNER                  |                       |  |
| <b>SIGNATURE:</b>                                                                                                                                                                               | /Michele M. Glessner/                |                       |  |
| <b>DATE SIGNED:</b>                                                                                                                                                                             | 04/16/2018                           |                       |  |
| <b>Total Attachments: 4</b>                                                                                                                                                                     |                                      |                       |  |
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**ASSIGNMENT - WORLDWIDE**

For good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, each undersigned inventor has sold and assigned, and by these presents hereby sells and assigns, unto

**Mellanox Technologies, Ltd.**  
Hakidma 26, Ofer Industrial Park  
Yokneam, 2069200  
ISRAEL

its successors and assigns, the entire right, title and interest, so far as concerns the United States and the Territories and Possessions thereof and all foreign countries in and to the invention in **"METHOD AND APPRATUS FOR IMPROVING BOOLEAN SATISFIBILITY SOLVER GENERATED BASED ON INPUT DESIGN WITH DATA QUALIFIER SIGNALS"**

as set forth in this United States Patent Application

- ☒ executed concurrently herewith  
☐ executed on \_\_\_\_\_  
☐ United States Application No. \_\_\_\_\_ filed on \_\_\_\_\_;  
☐ Application claims priority from Application No. \_\_\_\_\_, filed \_\_\_\_\_, all applications listed above being hereinafter referred to as the "application(s)";

(We hereby authorize and request the Assignee and its attorney (Alston & Bird LLP) to insert above the application number and filing date of said application when known.)

said application for United States Letters Patent, including all divisional, renewal, substitute, continuation, nonprovisionals, continuation-in-parts, and Convention applications based in whole or in part upon said inventions or upon said applications, and any and all Letters Patent and reissues, reexaminations, and extensions of Letters Patent granted for said inventions or upon said applications and every priority right that is or may be predicated upon or arise from said inventions, said applications, and said Letters Patent; said Assignee being hereby authorized to file patent applications in any or all countries on any or all said inventions in the name of the undersigned or in the name of said Assignee or otherwise as said Assignee may deem advisable, under the International Convention or otherwise; the Commissioner of Patents and Trademarks of the United States of America being hereby authorized to issue or transfer all said Letters Patent to said Assignee in accordance herewith; this assignment being under covenant, not only that full power to make the same is had by the undersigned, but also that such assigned right is not encumbered by any grant, license, or other right theretofore given, and that the undersigned will do all acts reasonably serving to ensure that the said inventions, patent applications and Letters Patent shall be held and enjoyed by said Assignee as fully and entirely as the same could have been held and enjoyed by the undersigned if this assignment had not been made, and particularly to execute and deliver to said Assignee all lawful documents including petitions, specifications, oaths, assignments, invention disclaimers, declarations, and lawful affidavits in form and substance which may be requested by said Assignee, to furnish said Assignee with all facts relating to said inventions or the history thereof and any and all documents, photographs, models, samples or other

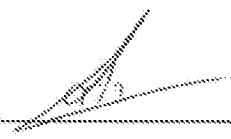
Attorney Docket: 060431/506318

physical exhibits which may embody said inventions, and to testify in any proceedings relating to said inventions, patent applications, and/or Letters Patent.

The undersigned hereby grant(s) an authorized representative of Assignee the power to insert in this Assignment any further identification that may be necessary or desirable to comply with the rules of the U.S. Patent and Trademark Office for recordation of this Assignment.

This Assignment is deemed to be effective at least as early as the earliest priority date.

Date 15-April-2018

  
Roy ARMONI

Ravit Forte

Witness Signature

Ravit Forte

Print Witness Name

Nogah Bugman

Witness Signature

NOGAH BUGMAN

Print Witness Name

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This Assignment is deemed to be effective at least as early as the earliest priority date.

12.04.2018

\_\_\_\_\_  
Date

*Or Davidi*

\_\_\_\_\_  
Or DAVIDI

*Ravit Forte*

\_\_\_\_\_  
Witness Signature

*Ravit Forte*

\_\_\_\_\_  
Print Witness Name

*Noah Bregman*

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Witness Signature

*NOAH BREGMAN*

\_\_\_\_\_  
Print Witness Name

Attorney Docket: 060431/506318

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This Assignment is deemed to be effective at least as early as the earliest priority date.

19-Apr-2018  
Date

  
Yael MELLER

Ravit Forte  
Witness Signature

Ravit Forte  
Print Witness Name

Nogah Bregman  
Witness Signature

NOGAH BREGMAN  
Print Witness Name