

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
Stylesheet Version v1.2

EPAS ID: PAT5050041

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
LOUKAS PARASCHIS	04/02/2018
HARSHAD SARDESAI	04/10/2018
ABHINAVA SHIVAKUMAR SADASIVARAO	04/10/2018
PARTHIBAN KANDAPPAN	06/19/2018
MARCO SOSA	03/30/2018
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	INFINERA CORPORATION
<b>Street Address:</b>	169 JAVA DRIVE
<b>City:</b>	SUNNYVALE
<b>State/Country:</b>	CALIFORNIA
<b>Postal Code:</b>	94089
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
Application Number:	15917386
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	(215)568-6499
<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>	215-568-6400
<b>Email:</b>	ppetaccia@vklaw.com
<b>Correspondent Name:</b>	VOLPE AND KOENIG, P.C.
<b>Address Line 1:</b>	30 SOUTH 17TH STREET, 18TH FLOOR
<b>Address Line 4:</b>	PHILADELPHIA, PENNSYLVANIA 19103
<b>ATTORNEY DOCKET NUMBER:</b>	P635
<b>NAME OF SUBMITTER:</b>	JONATHAN M. DUNSAY
<b>SIGNATURE:</b>	/Jonathan M. Dunsay/
<b>DATE SIGNED:</b>	07/13/2018
<b>Total Attachments: 20</b>	
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This is an assignment of patent rights between inventors **Loukas Paraschis, Harshad Sardesai, Abhinava Shivakumar Sadasivarao, Parthiban Kandappan, and Marco Sosa** (hereinafter referred to as the "Inventors") and **Infinera Corporation**, having a place of business at 169 Java Drive, Sunnyvale, CA 94089 (hereinafter referred to as the "Assignee").

WHEREAS, Inventors are named as inventors in the patent application filed in the United States of America on **March 9, 2018** entitled **MULTI-LAYER MECHANISMS TO OPTIMIZE OPTICAL TRANSPORT NETWORK MARGIN ALLOCATION**, having application no. 15/917,386, and having a docket number of P635 (hereinafter referred to as the "Application");

WHEREAS, Assignee has a desire to acquire all rights, title, and interest in the inventions disclosed in the Application (hereinafter referred to as the "Inventions"), including any rights, title, and interest in the Inventions not previously transferred to Assignee through prior agreement.

NOW, THEREFORE, the parties agree as follows:

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2. To the extent that Inventors retain any rights, title, or interest in the Inventions not vested in the Assignee on the date(s) of execution of this Assignment, Inventors hereby assign and otherwise transfer to the Assignee their entire right, title, and interest, throughout the world, in and to: the Inventions, including any patent applications, patents, invention registrations, and equivalents thereof (including any and all provisional, international, regional, and national patents and patent applications, and all divisions, continuations, continuations-in-part, renewals, reissues, reexams, substitutes and extensions thereof), for the Inventions and all rights to claim priority thereto. Inventors further assign and otherwise

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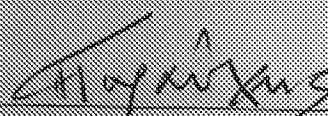
- i) testify in any legal proceedings,
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v) notify Assignee promptly (by facsimile or first class mail) of any subpoena or contact by any person other than Assignee or its agents regarding the Invention or resultant patent(s) issuing therefrom, and in any event at least one week prior to any deposition, legal inquiry or legal proceeding relating to the above identified invention.

This assignment is executed on the date(s) of which the Inventors have signed.

Inventor: Loukas Paraschis

 \_\_\_\_\_ (Signature)      \_\_\_04/02/2018\_\_\_ (Date)  
Loukas Paraschis \_\_\_\_\_ (Print Name)

Inventor: Harshad Sardesai

\_\_\_\_\_ (Signature)      \_\_\_\_\_ (Date)  
\_\_\_\_\_ (Print Name)

Inventor: Abhinava Shivakumar Sadasivarao

\_\_\_\_\_ (Signature)      \_\_\_\_\_ (Date)  
\_\_\_\_\_ (Print Name)

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Inventor: **Parthiban Kandappan**

\_\_\_\_\_ (Signature) \_\_\_\_\_ (Date)  
\_\_\_\_\_ (Print Name)

Inventor: **Marco Sosa**

\_\_\_\_\_ (Signature) \_\_\_\_\_ (Date)  
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**Inventor: Loukas Paraschis**

\_\_\_\_\_(Signature) \_\_\_\_\_(Date)  
\_\_\_\_\_(Print Name)

**Inventor: Harshad Sardesai**

HS (Signature) 4/10/2018 (Date)  
HARSHAD SARDESAI (Print Name)

**Inventor: Abhinava Shivakumar Sadasivarao**

\_\_\_\_\_(Signature) \_\_\_\_\_(Date)  
\_\_\_\_\_(Print Name)

P635

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**Inventor: Parthiban Kandappan**

\_\_\_\_\_ (Signature) \_\_\_\_\_ (Date)  
\_\_\_\_\_ (Print Name)

**Inventor: Marco Sosa**

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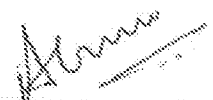
Inventor: Loukas Paraschis

\_\_\_\_\_(Signature) \_\_\_\_\_(Date)  
\_\_\_\_\_(Print Name)

Inventor: Harshad Sardesai

\_\_\_\_\_(Signature) \_\_\_\_\_(Date)  
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Inventor: Abhinava Shivakumar Sadasivarao

  
\_\_\_\_\_(Signature) 4/10/2018 (Date)  
ABHINAVA SADASIVARAO (Print Name)

P635

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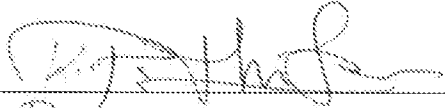
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Inventor: **Parthiban Kandappan**

 (Signature)      6/19/2018 (Date)  
PARTHIBAN KANDAPPAN (Print Name)

Inventor: **Marco Sosa**

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