# 505890272 01/30/2020

# PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2

1 EPAS ID: PAT5936973

| SUBMISSION TYPE:      | NEW ASSIGNMENT |
|-----------------------|----------------|
| NATURE OF CONVEYANCE: | ASSIGNMENT     |

### **CONVEYING PARTY DATA**

| Name               | Execution Date |
|--------------------|----------------|
| STEVEN JOSEPH HAND | 12/17/2019     |
| AHMED AWADALA      | 12/18/2019     |
| LUIS A. PEREZ      | 12/18/2019     |
| VINCENT G. DOMINIC | 12/19/2019     |
| KUANG-TSAN WU      | 12/23/2019     |

#### RECEIVING PARTY DATA

| Name:           | INFINERA CORPORATION |
|-----------------|----------------------|
| Street Address: | 140 CASPIAN COURT    |
| City:           | SUNNYVALE            |
| State/Country:  | CALIFORNIA           |
| Postal Code:    | 94089                |

## **PROPERTY NUMBERS Total: 1**

| Property Type       | Number   |
|---------------------|----------|
| Application Number: | 16384842 |

## **CORRESPONDENCE DATA**

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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.

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| ATTORNEY DOCKET NUMBER: | P640-2              |
|-------------------------|---------------------|
| NAME OF SUBMITTER:      | MARC A. BROCKHAUS   |
| SIGNATURE:              | /Marc A. Brockhaus/ |
| DATE SIGNED:            | 01/30/2020          |

**Total Attachments: 6** 

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## **ASSIGNMENT**

WHEREAS: Steven Joseph Hand, an individual residing at 22500 Majestic Dr., Los Gatos 95033; Ahmed Awadala, an individual residing at 520 Front Street, Gatineau, QC, Canada J9J0K3; Luis A. Perez, an individual residing at 5804 Rubblestone Drive, McKinney, TX 75070; Vincent G. Dominic, an individual residing at 10101 Meadow Woods Ln, Dayton, OH 45458; and Kuang-Tsan Wu, an individual residing at 99 Hansen Avenue, Kanata, ON, Canada K2K 2M2 (hereinafter referred to as ASSIGNORS), have invented and own a certain invention entitled: APPARATUSES AND METHODS FOR DIGITAL SUBCARRIER PARAMETER MODIFICATIONS FOR OPTICAL COMMUNICATION NETWORKS, for which Letters Patent of the United States was filed April 15, 2019, identified as U.S. Serial No. 16/384,842;

WHEREAS: Infinera Corporation, a corporation organized and existing under the laws of the State of California, having its principal office and place of business at 140 Caspian Court, Sunnyvale, CA 94089 (hereinafter referred to as ASSIGNEE), is desirous of acquiring the entire interest in, to and under said invention and in, to and under Letters Patent or similar legal protection to be obtained therefor in the United States and in any and all foreign countries.

NOW, THEREFORE, TO ALL WHOM IT MAY CONCERN: Be it known that in consideration of the payment by ASSIGNEE TO ASSIGNORS of the sum of One Dollar (\$1.00), the receipt of which is hereby acknowledged, and for other good and valuable consideration, ASSIGNORS hereby sell, assign and transfer to ASSIGNEE the full and exclusive right, title and interest to said invention in the United States and its territorial possessions and in all foreign countries, including the right, but not limited to, suing and collecting damages for past infringements, and to claim priority under any applicable provisions of the International Convention and the Patent Cooperation Treaty and to all Letters Patent or similar legal protection in the United States and its territorial possessions and in any and all foreign countries to be obtained for said invention by said application or any continuation, division, renewal, substitute or reissue thereof or any legal equivalent thereof in a foreign country for the full term or terms for which the same may be granted.

ASSIGNORS hereby covenant that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this assignment and sale;

ASSIGNORS further covenant that ASSIGNEE will, upon its request, be provided promptly with all pertinent facts and documents relating to said

| IN WITNESS WHEREOF, I have hereunto set hand of 2019.  | and seal this <u></u> day |
|--|---------------------------|
| Steven Joseph Hand                                     |                           |
| IN WITNESS WHEREOF, I have hereunto set hand and 2019. | seal this $18$ day of     |
| Ahmed Awadala  |                           |
| IN WITNESS WHEREOF, I have hereunto set hand and 2019. | seal this day of          |
| Luis A. Perez  |                           |
| IN WITNESS WHEREOF, I have hereunto set hand and 2019. | seal this day of          |
| Vincent G. Dominic                                     |                           |

IN WITNESS WHEREOF, I have hereunto set hand and seal this  $\frac{2.3}{\text{day}}$  of  $\frac{2.2}{\text{day}}$  2019.

Kuang-Tsan Wชั

| IN WITNESS WHEREOF, I have hereunto set hand and seal this day of 2019.                             |
|---|
|   |
| Steven Joseph Hand  |
|   |
| IN WITNESS WHEREOF, I have hereunto set hand and seal this day of 2019.                             |
| Ahmed Awadala   |
| IN WITNESS WHEREOF, I have hereunto set hand and seal this $\cancel{B}$ day of $\cancel{Cc.}$ 2019. |
| Luis A. Perez   |
| IN WITNESS WHEREOF, I have hereunto set hand and seal this day of 2019.                             |
| Vincent G. Dominic  |

IN WITNESS WHEREOF, I have hereunto set hand and seal this 17 day

| of Ikc   | 2019.                           | Contraction of the second   | - N            |
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| and Section 1995 of the Se |                                 | SATHA                       |                |
|  | Si                              | teven Joseph Hand           |                |
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| <b>3.</b><br>2   | Vi                              | ncent G. Dominic            | - 194<br>- 194 |

| IN WITNESS WHEREOF, I have hereunto set hand and seal this day of 2019.   | 1  |
|---|----|
| Steven Joseph Hand  |    |
| IN WITNESS WHEREOF, I have hereunto set hand and seal this day o2019.     | f  |
| Ahmed Awadala   |    |
| IN WITNESS WHEREOF, I have hereunto set hand and seal this day o 2019.    | f  |
| Luis A. Perez   |    |
| IN WITNESS WHEREOF, I have hereunto set hand and seal this <u>f</u> day o | ıf |

Vincent G. Dominic

PATENT REEL: 051667 FRAME: 0352

RECORDED: 01/30/2020