PATENT ASSIGNMENT COVER SHEET

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

CONVEYING PARTY DATA

| Name | Execution Date |
|--------------|----------------|
| JOEL GOERGEN | 05/02/2008 |
| YI ZHENG | 05/01/2008 |

RECEIVING PARTY DATA

| Name: | FORCE 10 NETWORKS, INC. | | |
|-----------------|-------------------------|--|--|
| Street Address: | 350 HOLGER WAY | | |
| City: | SAN JOSE | | |
| State/Country: | CALIFORNIA | | |
| Postal Code: | 95134 | | |

PROPERTY NUMBERS Total: 1

| Property Type | Number |
|---------------------|----------|
| Application Number: | 14555227 |

CORRESPONDENCE DATA

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| ATTORNEY DOCKET NUMBER: | 16356.1732 (99986.03) |
|-------------------------|-----------------------|
| NAME OF SUBMITTER: | JO EL MERCER |
| SIGNATURE: | /Jo El Mercer/ |
| DATE SIGNED: | 04/01/2016 |

Total Attachments: 3

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PATENT 503764645 REEL: 038167 FRAME: 0619

PATENT

Docket No.: 35399.137 Customer No.: 69032

ASSIGNMENT

WHEREAS, we,

(1) Joel Goergen City of Maple Grove State of Minnesota
 (2) Yi Zheng City of Cold Spring State of Minnesota

have invented certain improvements in a

Differential Trace Profile for Printed Circuit Boards

| and | executed a | United | States | patent | application | filed | on | <u>5/02/2008</u> , | and |
|-----|--------------|--------|--------|--------|-------------|-------|----|--------------------|-----|
| | gned applica | | | | /151,088 | • | | | |

WHEREAS, we authorize the attorney of record to update this document to include Patent Office information as deemed necessary (i.e., filing date, serial number, etc.);

WHEREAS, FORCE10 NETWORKS, INC., a corporation having a place of business at 350 Holger Way, San Jose, CA 95134 (hereinafter called FORCE10), desires to acquire the entire right, title and interest in the application and invention, and to any United States and foreign patents to be obtained therefore;

NOW, THEREFORE, for a valuable consideration, receipt whereof is hereby acknowledged, we, the above named, hereby acknowledge our prior existing obligation and hereby sell, assign, and transfer to FORCE10, its successors and assigns, the entire right, title, and interest in the application and invention therein disclosed for the United States and foreign countries, to and under the said improvements, and the said application and all divisionals, renewals, continuing applications thereof, and all Letters Patent of the United States which may be granted thereon and all reissues and extensions thereof, and all rights of priority under International Conventions and applications for Letters Patent which may hereafter be filed for said improvements in any country or countries foreign to the United States, and all Letters Patent which may be granted for said improvements in any country or countries foreign to the United States and all extensions, renewals and reissues thereof; and all prior patents and patent applications from which a filing priority of the above-described patent application may be obtained, including the right to collect past damages; and we request the Commissioner of Patents to issue any Letters Patent granted upon the invention set forth in the application to FORCE10 its successors and assigns; and we hereby agree

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that FORCE10 may apply for foreign Letters Patent on the invention and we will execute all papers necessary in connection with the United States and foreign applications when called upon to do so by FORCE10.

| Signed By: | 2M2408 |
|-------------------------------|-------------------|
| Joel Goergen | Date |
| Witnessed By: Elliott P. Rub/ | 20 3/2/08 Date |
| Name: EllioTT P. NUB/ | 9LD |
| | |
| Signed By: | |
| Signed By: Yi Zheng | Date |
| 1AC: 1 D | |
| Witnessed By: | Date |

Name:

PATENT

Docket No.: 35399.137 Customer No.: 89032

that FORCE10 may apply for foreign Letters Patent on the invention and we will execute all papers necessary in connection with the United States and foreign applications when called upon to do so by FORCE10.

| Signed By: | Date |
|---|----------------------------------|
| Witnessed By: | Date |
| Signed By: Theng Witnessed By: Denning the Name: Weining Hu | 5/1/08 Date 5/./08 Date |

PATENT REEL: 038167 FRAME: 0622

RECORDED: 04/01/2016