# PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT3944959

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

#### **CONVEYING PARTY DATA**

| Name         | Execution Date |
|--------------|----------------|
| YING LI      | 06/29/2016     |
| XIAOFEI LI   | 06/29/2016     |
| YANJUAN ZHAN | 06/29/2016     |
| ZHEHONG QIAN | 06/30/2016     |
| BUYING DU    | 06/29/2016     |

#### **RECEIVING PARTY DATA**

| Name:           | CADENCE DESIGN SYSTEMS, INC. |
|-----------------|------------------------------|
| Street Address: | 2655 SEELY AVENUE            |
| City:           | SAN JOSE                     |
| State/Country:  | CALIFORNIA                   |
| Postal Code:    | 95134                        |

## **PROPERTY NUMBERS Total: 1**

| Property Type       | Number   |
|---------------------|----------|
| Application Number: | 15199951 |

### **CORRESPONDENCE DATA**

Fax Number:

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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Correspondent Name: VISTA IP LAW GROUP, LLP (CADENCE)

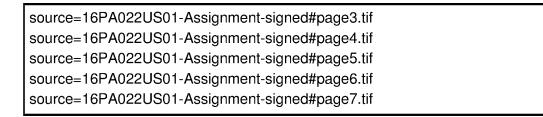
Address Line 1: 2160 LUNDY AVE, STE 230
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| ATTORNEY DOCKET NUMBER: | 16PA022US01   |  |
|-------------------------|---------------|--|
| NAME OF SUBMITTER:      | TONY NGUYEN   |  |
| SIGNATURE:              | /tony nguyen/ |  |
| DATE SIGNED:            | 06/30/2016    |  |

**Total Attachments: 7** 

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PATENT 503898308 REEL: 039224 FRAME: 0204



PATENT REEL: 039224 FRAME: 0205 ASSIGNMENT Atty, Dkt. No.: 18PA022US01

ASSIGNMENT OF PATENT APPLICATION

WHEREAS, WE, Ying Li, Xiaofei Li, Yanjuan Zhan, Zhehong Qian and Buying Du (hereinafter

referred to as "ASSIGNORS"), have invented a certain invention entitled A NOVEL STRUCTURE OF A

HIGH-BANDWIDTH-MEMORY COMMAND QUEUE OF A MEMORY CONTROLLER WITH EXTERNAL

PER-BANK REFRESH AND BURST REORDERING for which Utility Application for Letters Patent of the

United States of America is filed herewith, and

WHEREAS, Cadence Design Systems, Inc., a corporation organized and existing under and by

virtue of the laws of the state of Delaware and having its principal place of business at 2655 Seely

Avenue, San Jose, California 95134 (hereinafter referred to as "ASSIGNEE"), is desirous of acquiring the

exclusive right, title and interest in, to and under said invention and in, to and under any Patent or similar

legal protection to be obtained therefor in the United States of America, its territorial possessions and in

any and all countries foreign thereto.

NOW, THEREFORE, for good and valuable consideration, the receipt of which is hereby

acknowledged, ASSIGNORS hereby sell, assign, transfer and set over unto the said ASSIGNEE, its

successors and assign, the full and exclusive right, title and interest to said invention and to all Letters

Patent or application or similar legal protection, not only in the United States and its territorial

possessions, but in all countries foreign thereto to be obtained for said invention by said application, and

to any provisional from which priority is claimed, continuation, division, renewal, substitute or reissue

thereof or any legal equivalent thereof in the United States or a foreign country for the full term or terms

for which the same may be granted, including all priority rights under any international conventions or

treaties; and ASSIGNORS hereby authorize and request the United States Commissioner of Patents and

Trademarks, and any officials of foreign countries whose duty it is to issue patents or any legal equivalent

thereof, to issue said patents to ASSIGNEE, its successors and assigns, in accordance with this

Assignment.

ASSIGNORS hereby covenant that no assignment, sale, agreement or encumbrance has been or

will be made or entered into which would conflict with this Agreement;

ASSIGNORS further covenant that ASSIGNEE will, upon its request, be provided promptly with

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ASSIGNMENT Alty, Dkt. No.: 16PA022US01

all pertinent facts and documents relating to said application, said invention and said Letters Patent and tegal equivalents as may be known and accessible to ASSIGNORS and will testify as to the same in any interference or litigation related thereto and will promptly execute and deliver to ASSIGNEE or its legal representative any and all papers, instruments or affidavits required to apply for, obtain, maintain, issue and enforce said application, said invention and said Letters Patent and said equivalents in the United States or in any foreign country, which may be necessary or desirable to carry out the purposes thereof.

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m <u>2016-6-27</u>

Oate:

Ying Li

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(3) <u>2016-6-39</u> Date /

Yaniuan Zhar

[4] <u>06/30/20/6</u>

Date

Zhehong Gian

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Atty Dkt. No.: 16PA022US01

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Date

Buying Du

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