

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
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EPAS ID: PAT6130276

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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> |
|                                                                                                                                                                                                 | MICHAEL NISHIMOTO           | 06/14/2016            |
| <b>RECEIVING PARTY DATA</b>                                                                                                                                                                     |                             |                       |
| <b>Name:</b>                                                                                                                                                                                    | EMC CORPORATION             |                       |
| <b>Street Address:</b>                                                                                                                                                                          | 176 SOUTH STREET            |                       |
| <b>City:</b>                                                                                                                                                                                    | HOPKINTON                   |                       |
| <b>State/Country:</b>                                                                                                                                                                           | MASSACHUSETTS               |                       |
| <b>Postal Code:</b>                                                                                                                                                                             | 01748                       |                       |
| <b>PROPERTY NUMBERS Total: 1</b>                                                                                                                                                                |                             |                       |
|                                                                                                                                                                                                 | <b>Property Type</b>        | <b>Number</b>         |
|                                                                                                                                                                                                 | Application Number:         | 16839873              |
| <b>CORRESPONDENCE DATA</b>                                                                                                                                                                      |                             |                       |
| <b>Fax Number:</b>                                                                                                                                                                              | (408)973-2595               |                       |
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| <b>Correspondent Name:</b>                                                                                                                                                                      | VAN PELT, YI & JAMES LLP    |                       |
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| <b>ATTORNEY DOCKET NUMBER:</b>                                                                                                                                                                  | EMCDP002C1                  |                       |
| <b>NAME OF SUBMITTER:</b>                                                                                                                                                                       | OBERT H. CHU                |                       |
| <b>SIGNATURE:</b>                                                                                                                                                                               | /OBERT H. CHU/              |                       |
| <b>DATE SIGNED:</b>                                                                                                                                                                             | 05/30/2020                  |                       |
| <b>Total Attachments: 4</b>                                                                                                                                                                     |                             |                       |
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### ASSIGNMENT

WHEREAS, I, Michael Nishimoto, have invented an invention comprising and/or embodying certain improvements or discoveries or both as described in an application for Letters Patent of the United States entitled OFFLOADING DEVICE MAINTENANCE TO AN EXTERNAL PROCESSOR IN LOW-LATENCY, NON-VOLATILE MEMORY, the specification of which:

- ☐ is being executed on even date herewith and is about to be filed in the United States Patent Office;
- ☒ was filed on March 31, 2016 as U.S. Application No. 15/087,950;
- ☐ was patented under U.S. Patent No. \_\_\_\_\_ on \_\_\_\_\_.

WHEREAS, EMC Corporation (hereinafter "ASSIGNEE"), a corporation organized and existing under the laws of the Commonwealth of Massachusetts and having a usual place of business at 176 South Street, Hopkinton, Massachusetts 01748 desires to acquire an interest therein in accordance with agreements duly entered into with us;

NOW, THEREFORE, to all whom it may concern be it known that for and in consideration of said agreements and of other good and valuable consideration, the receipt of which is hereby acknowledged, I have sold, assigned and transferred and by these presents do hereby sell, assign and transfer unto said ASSIGNEE, its successors, assigns and legal representatives, the entire right, title and interest in and throughout the United States of America, its territories and all foreign countries, in and to said invention as described in said application, together with the entire right, title and interest in and to said application and such Letters Patent as may issue thereon; said invention, application and Letters Patent to be held and enjoyed by said ASSIGNEE for its own use and behalf and for its successors, assigns and legal representatives, to the full end of the term for which said Letters Patent may be granted as fully and entirely as the same would have been held by me had this assignment and sale not been made; I hereby convey to ASSIGNEE all rights arising under or pursuant to any and all international agreements, treaties or laws relating to the protection of industrial property by filing any such applications for Letters Patent. I hereby acknowledge that this assignment, being of the entire right, title and interest in and to said invention, carries with it the right in ASSIGNEE to apply for and obtain from competent authorities in all countries of the world any and all Letters Patent by attorneys and agents of ASSIGNEE's selection and the right to procure the grant of all such Letters Patent to ASSIGNEE for its own name as assignee of the entire right, title and interest therein;

AND, I hereby further agree for me and my executors and administrators to execute upon request any other lawful documents and likewise to perform any other lawful acts which may be deemed necessary to secure fully the aforesaid invention to said ASSIGNEE, its successors, assigns and legal representatives, but at its or their expense and charges, including the execution of applications for patents in foreign countries, and the execution of substitution, reissue,

divisional or continuation applications and preliminary or other statements and the giving of testimony in any interference or other proceeding in which said invention or any application or patent directed thereto may be involved;

AND, I do hereby authorize and request the Commissioner of Patents of the United States to issue such Letters Patent as shall be granted upon said application or applications based thereon to said ASSIGNEE, its successors, assigns, and legal representatives.

IN TESTIMONY WHEREOF, I have hereunto set my hand and affixed my seal as set forth below:

Date: June 14, 2016

Michael Nishimoto  
Inventor's Signature

Print full name of sole inventor:

Michael Nishimoto

Residence:

Saratoga, CA

Citizenship:

United States

Mailing Address:

176 South Street  
Hopkinton, MA 01478

STATE OF \_\_\_\_\_  
COUNTY OF \_\_\_\_\_

See attached

On this \_\_\_\_\_ day of \_\_\_\_\_, 20\_\_\_\_, before me appeared \_\_\_\_\_ who proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

I certify under PENALTY OF PERJURY under the laws of the State of California that the foregoing paragraph is true and correct.

WITNESS my hand and official seal.

\_\_\_\_\_  
Notary Public

Print Name: \_\_\_\_\_

My Commission expires \_\_\_\_ / \_\_\_\_ / \_\_\_\_

**CALIFORNIA ALL-PURPOSE ACKNOWLEDGMENT**

**CIVIL CODE § 1189**

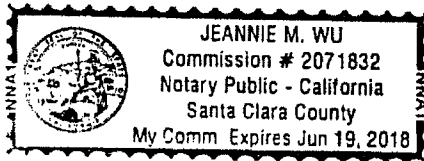
A notary public or other officer completing this certificate verifies only the identity of the individual who signed the document to which this certificate is attached, and not the truthfulness, accuracy, or validity of that document.

State of California )  
 County of San Mateo )  
 On 6-14-16 before me, Jeannie M. Wu, Notary Public  
 Date Here Insert Name and Title of the Officer  
 personally appeared Michael Nishimoto  
 Name(s) of Signer(s)

who proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

I certify under PENALTY OF PERJURY under the laws of the State of California that the foregoing paragraph is true and correct.

WITNESS my hand and official seal.



Signature [Signature]  
 Signature of Notary Public

Place Notary Seal Above

**OPTIONAL**

EMC-16-0058

Though this section is optional, completing this information can deter alteration of the document or fraudulent reattachment of this form to an unintended document.

**Description of Attached Document**

Title or Type of Document: Patent Assignment Document Date: 6-14-16  
 Number of Pages: \_\_\_\_\_ Signer(s) Other Than Named Above: \_\_\_\_\_

**Capacity(ies) Claimed by Signer(s)**

Signer's Name: \_\_\_\_\_  
☐ Corporate Officer — Title(s): \_\_\_\_\_  
☐ Partner — ☐ Limited ☐ General  
☐ Individual ☐ Attorney in Fact  
☐ Trustee ☐ Guardian or Conservator  
☐ Other: \_\_\_\_\_  
 Signer Is Representing: \_\_\_\_\_

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☐ Corporate Officer — Title(s): \_\_\_\_\_  
☐ Partner — ☐ Limited ☐ General  
☐ Individual ☐ Attorney in Fact  
☐ Trustee ☐ Guardian or Conservator  
☐ Other: \_\_\_\_\_  
 Signer Is Representing: \_\_\_\_\_