505171928 11/01/2018

PATENT ASSIGNMENT COVER SHEET

EPAS ID: PAT5218696 Electronic Version v1.1

Stylesheet Version v1.2

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

CONVEYING PARTY DATA

| Name | Execution Date |
|------------------------|----------------|
| MICHAEL JOSEPH ACCETTA | 10/01/2014 |
| JEFFREY ERIC SEMKE | 10/01/2014 |
| JEFFREY DAVID PREM | 10/01/2014 |

RECEIVING PARTY DATA

| Name: | NETAPP, INC. |
|-----------------|---------------------|
| Street Address: | 495 EAST JAVA DRIVE |
| City: | SUNNYVALE |
| State/Country: | CALIFORNIA |
| Postal Code: | 94089 |

PROPERTY NUMBERS Total: 1

| Property Type | Number |
|---------------------|----------|
| Application Number: | 16178436 |

CORRESPONDENCE DATA

Fax Number: (949)955-1921

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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KLEIN, O'NEILL & SINGH, LLP Correspondent Name:

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Address Line 4: **IRVINE, CALIFORNIA 92606**

| ATTORNEY DOCKET NUMBER: | P01-010273.02.US.CON | |
|-------------------------|----------------------|--|
| NAME OF SUBMITTER: | TEJINDER SINGH | |
| SIGNATURE: | /TJS/ | |
| DATE SIGNED: | 11/01/2018 | |

Total Attachments: 1

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PATENT REEL: 047388 FRAME: 0812 505171928

Docket No.: P01-010273.01.US.PRI

ASSIGNMENT

For valuable consideration, we, Michael Joseph Accetta of McKees Rocks, Pennsylvania; Jeffrey Eric Semke of Allison Park, Pennsylvania; and Jeffrey David Prem of Pittsburgh, Pennsylvania (hereinafter referred to as "Assignor") hereby assign to NetApp, Inc., a corporation organized and existing under and by the virtue of the laws of Delaware and having a place of business at 495 East Java Drive, Sunnyvale, CA 94089, and its successors and assigns (collectively hereinafter called "the Assignee"), the entire right, title and interest throughout the world in the invention and improvements which are the subject of an application for United States Patent filed ______, U.S. Application No. _____ entitled METHODS AND SYSTEMS FOR MANAGING NETWORK ADDRESSES IN A CLUSTERED STORAGE ENVIRONMENT, and related applications and patents, this assignment including said application, any and all United States and foreign patents granted for any of said inventions or improvements, including all divisions, continuations, reissues, continuations-in-part and extensions thereof, and the right to claim priority based on the filing date of said application and based on the filing date of any provisional application of which said application claims the benefit under the International Convention for the Protection of Industrial Property, the Patent Cooperation Treaty, the European Patent Convention, and all other treaties of like purposes; and I authorize the Assignee to apply in all countries in my name or in its own name for patents and like rights of exclusion and for inventor's certificates for said inventions and improvements; and I agree for myself and my heirs, legal representatives and assigns, without further compensation, upon request to perform such lawful acts, to promptly provide Assignee with all pertinent facts and documents relating to said invention or application as may be known and accessible to me, to testify in any interference or litigation related to said invention or application and to sign such further applications, assignments, Preliminary Statements and other lawful documents as the Assignee may reasonably request to effectuate fully this Assignment.

The Assignor hereby covenants that no assignment, sale, agreement, or encumbrance has been or will be made or entered into which would conflict with this Agreement.

Name: Jeffrey Eric Semke Name: Jeffrey David Prem Name: Michael Joseph Accetta

Signature: Michael Joseph Account Signature: Jaffag Explore Signature: Michael Signature: Michael Joseph Gauth Signature: Michael Jos

Page 1