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| PATENT ASSIGNMENT COVER SHEET |
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| SUBMISSION TYPE: | NEW ASSIGNMENT |
| NATURE OF CONVEYANCE: | ASSIGNMENT |
| CONVEYING PARTY DATA | |
| Name | Execution Date |
| DEAN ALAN KALMAN | 01/28/2016 |
| JOHN ALEXANDER SCOTT | 01/28/2016 |
| SUDHA SUNDARAM | 01/28/2016 |
| 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: | 15011919 |
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| ATTORNEY DOCKET NUMBER: | P01-010828.01.US.PRI |
| NAME OF SUBMITTER: | TEJINDER SINGH |
| SIGNATURE: | /TJS/ |
| DATE SIGNED: | 02/01/2016 |
| This document serves as an Oath/Declaration (37 CFR 1.63). | |
| Total Attachments: 2 | |
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COMBINED OATH/DECLARATION/ASSIGNMENT OF INVENTION

ASSIGNMENT

For valuable consideration, we, **Dean Alan Kalman** of Cary, North Carolina; **John Alexander Scott** of Cary, North Carolina; and **Sudha Sundaram** of Cary, North Carolina (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 QUALITY OF SERVICE IN A NETWORKED 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/we authorize the Assignee to apply in all countries in my/our name/names or in its own name for patents and like rights of exclusion and for inventor's certificates for said inventions and improvements; and I/we agree for myself/ourselves and my/our 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/us, 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.

OATH/DECLARATION

The above identified application was made or authorized to be made by me/us, the Assignor of this invention.

I/We, the Assignor, believe that I am/we are the original inventor or an original joint inventor of a claimed invention in the application.

I/We have reviewed and understand the contents of the application and am/are aware of the duty to disclose, to the United States Patent and Trademark Office, all information that is material to patentability of the invention.

I/We, the Assignor, hereby acknowledge that any willful false statement made in this declaration is punishable under 18 U.S.C. 1001 by fine or imprisonment of not more than five (5) years, or both.

Signed and Accepted by:

Dean Alan Kalman

Dean Alan Kalman (Jan 28, 2016)
Dean Alan Kalman

Jan 28, 2016
Date

John Alexander Scott

John Alexander Scott (Jan 28, 2016)
John Alexander Scott

Jan 28, 2016
Date

Sudha Sundaram

Sudha Sundaram (Jan 28, 2016)
Sudha Sundaram

Jan 28, 2016
Date