

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
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EPAS ID: PAT2637958

| SUBMISSION TYPE:  | NEW ASSIGNMENT       |               |                |                      |                     |                       |            |                    |            |              |            |
|---|----------------------|---------------|----------------|----------------------|---------------------|-----------------------|------------|--------------------|------------|--------------|------------|
| NATURE OF CONVEYANCE:   | ASSIGNMENT           |               |                |                      |                     |                       |            |                    |            |              |            |
| CONVEYING PARTY DATA  |                      |               |                |                      |                     |                       |            |                    |            |              |            |
| <table border="1"> <thead> <tr> <th>Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>NILESH P. MAHESHWARI</td> <td>12/04/2013</td> </tr> <tr> <td>SREENIVASA POTAKAMURI</td> <td>12/04/2013</td> </tr> <tr> <td>ROBERT M. ARMITANO</td> <td>12/04/2013</td> </tr> <tr> <td>JOHNNY HWANG</td> <td>12/04/2013</td> </tr> </tbody> </table>             |                      | Name          | Execution Date | NILESH P. MAHESHWARI | 12/04/2013          | SREENIVASA POTAKAMURI | 12/04/2013 | ROBERT M. ARMITANO | 12/04/2013 | JOHNNY HWANG | 12/04/2013 |
| Name  | Execution Date       |               |                |                      |                     |                       |            |                    |            |              |            |
| NILESH P. MAHESHWARI  | 12/04/2013           |               |                |                      |                     |                       |            |                    |            |              |            |
| SREENIVASA POTAKAMURI   | 12/04/2013           |               |                |                      |                     |                       |            |                    |            |              |            |
| ROBERT M. ARMITANO  | 12/04/2013           |               |                |                      |                     |                       |            |                    |            |              |            |
| JOHNNY HWANG  | 12/04/2013           |               |                |                      |                     |                       |            |                    |            |              |            |
| RECEIVING PARTY DATA  |                      |               |                |                      |                     |                       |            |                    |            |              |            |
| <table border="1"> <tr> <td>Name:</td> <td>NETAPP, INC.</td> </tr> <tr> <td>Street Address:</td> <td>495 EAST JAVA DRIVE</td> </tr> <tr> <td>City:</td> <td>SUNNYVALE</td> </tr> <tr> <td>State/Country:</td> <td>CALIFORNIA</td> </tr> <tr> <td>Postal Code:</td> <td>94089</td> </tr> </table>  |                      | Name:         | NETAPP, INC.   | Street Address:      | 495 EAST JAVA DRIVE | City:                 | SUNNYVALE  | State/Country:     | CALIFORNIA | Postal Code: | 94089      |
| Name:   | NETAPP, INC.         |               |                |                      |                     |                       |            |                    |            |              |            |
| Street Address:   | 495 EAST JAVA DRIVE  |               |                |                      |                     |                       |            |                    |            |              |            |
| City:   | SUNNYVALE            |               |                |                      |                     |                       |            |                    |            |              |            |
| State/Country:  | CALIFORNIA           |               |                |                      |                     |                       |            |                    |            |              |            |
| Postal Code:  | 94089                |               |                |                      |                     |                       |            |                    |            |              |            |
| PROPERTY NUMBERS Total: 1   |                      |               |                |                      |                     |                       |            |                    |            |              |            |
| <table border="1"> <thead> <tr> <th>Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>14097548</td> </tr> </tbody> </table>   |                      | Property Type | Number         | Application Number:  | 14097548            |                       |            |                    |            |              |            |
| Property Type   | Number               |               |                |                      |                     |                       |            |                    |            |              |            |
| Application Number:   | 14097548             |               |                |                      |                     |                       |            |                    |            |              |            |
| CORRESPONDENCE DATA   |                      |               |                |                      |                     |                       |            |                    |            |              |            |
| <p>Fax Number: (949)955-1921</p> <p>Phone: 949-955-1920</p> <p>Email: KOS_docketing@koslaw.com</p> <p><i>Correspondence will be sent via US Mail when the email attempt is unsuccessful.</i></p> <p>Correspondent Name: KLEIN, O'NEILL &amp; SINGH, LLP</p> <p>Address Line 1: 18200 VON KARMAN AVENUE, SUITE 725</p> <p>Address Line 4: IRVINE, CALIFORNIA 92612</p> |                      |               |                |                      |                     |                       |            |                    |            |              |            |
| ATTORNEY DOCKET NUMBER:   | P01-008826.03.US.ORG |               |                |                      |                     |                       |            |                    |            |              |            |
| NAME OF SUBMITTER:  | TEJINDER SINGH       |               |                |                      |                     |                       |            |                    |            |              |            |
| Signature:  | /TJS/                |               |                |                      |                     |                       |            |                    |            |              |            |

Date:

12/05/2013

**Total Attachments: 3**

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**ASSIGNMENT**

For valuable consideration, we, **Nilesh P. Maheshwari** of Mountain View, California and a citizen of India; **Sreenivasa Potakamuri** of Sunnyvale, California and a citizen of US; and **Robert M. Armitano** of Palo Alto, California and a citizen of US (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 **METHOD AND SYSTEM FOR PRESENTING AND MANAGING STORAGE SHARES**, 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: Nilesh P. Maheshwari   | Name: Sreenivasa Potakamuri | Name: Robert M. Armitano |
| Signature:  | Signature: _____            | Signature: _____         |
| Date: 12/04/13   | Date: _____                 | Date: _____              |

**ASSIGNMENT**

For valuable consideration, we, **Nilesh P. Maheshwari** of Mountain View, California and a citizen of India; **Sreenivasa Potakamuri** of Sunnyvale, California and a citizen of US; and **Robert M. Armitano** of Palo Alto, California and a citizen of US (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 **METHOD AND SYSTEM FOR PRESENTING AND MANAGING STORAGE SHARES**, 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: Nilesh P. Maheshwari | Name: Sreenivasa Potakamuri                | Name: Robert M. Armitano             |
| Signature: _____           | Signature: <u>P. Sreenivasa Potakamuri</u> | Signature: <u>Robert M. Armitano</u> |
| Date: _____                | Date: <u>12/04/2013</u>                    | Date: <u>12/04/2013</u>              |

**ASSIGNMENT**

For valuable consideration, I, **Yinzen Hwang** of Fremont, California and a citizen of US (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 **METHOD AND SYSTEM FOR PRESENTING AND MANAGING STORAGE SHARES**, 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: Yinzen Hwang

Signature: Johnny Hwang

Date: 12/04/2013