PATENT ASSIGNMENT COVER SHEET

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

CONVEYING PARTY DATA

| Name | Execution Date |
|------------------|----------------|
| JOSEPH BROWN | 05/01/2014 |
| JOANNE MIKKELSON | 05/02/2014 |
| PARAG SARFARE | 05/09/2014 |

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: | 14266733 |

CORRESPONDENCE DATA

Fax Number: (214)200-0853

Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent via

US Mail.

Phone: 214-651-5000

Email: ipdocketing@haynesboone.com

Correspondent Name: HAYNES & BOONE LLP, IP DOCKETING Address Line 1: 2323 VICTORY AVENUE, SUITE 700

Address Line 2: SUITE 700

Address Line 4: DALLAS, TEXAS 75219

| ATTORNEY DOCKET NUMBER: | 47415.470 / P01 10086 |
|-------------------------|-----------------------|
| NAME OF SUBMITTER: | CINDI GRASER |
| SIGNATURE: | /Cindi Graser/ |
| DATE SIGNED: | 05/15/2014 |

Total Attachments: 4

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<u>PATFNT</u>

ASSIGNMENT

WHEREAS, we,

| (1) | PARAG SARFARE | of | Research Triangle Park, NC |
|-----|------------------|----|----------------------------|
| (2) | JOANNE MIKKELSON | of | Research Triangle Park, NC |
| (3) | JOSEPH BROWN | of | Research Triangle Park, NC |

have invented certain improvements in

DETECTING DATA LOSS DURING SITE SWITCHOVER

for which we have executed an application for Letters Patent of the United States of America,

of even date filed herewith; and filed on April 30, 2014 and assigned application number 14/266733; and

WHEREAS, we authorize the attorney of record to update this document to include Patent Office information as deemed necessary (i.e., filing date, serial number, etc.);

WHEREAS, NetApp, Inc. a Delaware corporation is desirous of obtaining the entire right, title, and interest in, to and under the said invention and the said application in the United States of America and in any and all countries foreign thereto;

NOW, THEREFORE, for good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, and other good and valuable consideration, we have sold, assigned, transferred and set over, and by these presents do hereby sell, assign, transfer and set over, unto the said NetApp, Inc., its successors, legal representatives, and assigns, the entire right, title, and interest in, to and under the said invention, and the said application, and all divisional, renewal, substitutional, and continuing applications thereof, and all Letters Patent of the United States of America which may be granted thereon and all reissues and extensions thereof, and all applications for Letters Patent which may be filed for said invention in any country or countries foreign to the United States of America, and all extensions, renewals, and reissues thereof, and all prior patents and patent applications from which a filing priority of the above-described patent application may be obtained, including the right to collect past damages; and we hereby authorize and request the Commissioner of Patents of the United States of America, and any official of any country or countries foreign to the United States of America, whose duty it is to issue patents on applications as aforesaid, to issue all Letters Patent for said invention to the said NetApp, Inc., its successors, legal representatives and assigns, in accordance with the terms of this instrument.

AND WE HEREBY covenant that we have full right to convey the entire interest herein assigned, and that we have not executed, and will not execute, any agreement in conflict herewith.

AND WE HEREBY further covenant and agree that we will communicate to said NetApp, Inc., its successors, legal representatives and assigns, any facts known to us respecting said invention, and testify in any legal proceedings, sign all lawful papers, execute all divisional, renewal, substitutional, continuing, and reissue applications, make all rightful declarations and/or oaths and generally do everything possible to aid the said NetApp, Inc., its successors, legal representatives and assigns, to obtain and enforce proper patent protection for said invention in all countries.

| Inventor Name: Residence Address: | PARAG SARFARE c/o NetApp, Inc, 12 Davis Drive Research Triangle Park, NC | 27709 |
|--------------------------------------|---|--------------------|
| Dated: 5/9/201 | 4 | Inventor Signature |
| Inventor Name: | JOANNE MIKKELSON | |
| Residence Address: | c/o NetApp, Inc. 12 Davis Drive Research Triangle Park, NC | 27709 |
| Dated: | | Inventor Signature |
| Inventor Name: | JOSEPH BROWN | |
| Residence Address: | c/o NetApp, Inc. 12 Davis Drive Research Triangle Park, NC | 27709 |
| Dated: | | Inventor Signature |

and reissue applications, make all rightful declarations and/or oaths and generally do everything possible to aid the said NetApp, Inc., its successors, legal representatives and assigns, to obtain and enforce proper patent protection for said invention in all countries. Inventor Name: PARAG SARFARE Residence Address: c/o NetApp, Inc. 12 Davis Drive Research Triangle Park, NC 27709 Inventor Signature Inventor Name: JOANNE MIKKELSON Residence Address: c/o NetApp, Inc. 12 Davis Drive Research Triangle Park, NC 27709 from Willelin Dated: 2 May 2014 **Inventor Signature** Inventor Name: JOSEPH BROWN Residence Address: c/o NetApp, Inc. 12 Davis Drive Research Triangle Park, NC 27709

AND WE HEREBY further covenant and agree that we will communicate to said NetApp, Inc., its successors, legal representatives and assigns, any facts known to us respecting said invention, and testify in any legal proceedings, sign all lawful papers, execute all divisional, renewal, substitutional, continuing,

Inventor Signature

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| Inventor Name: | PARAG SARFARE |
| Residence Address: | c/o NetApp, Inc. 12 Davis Drive Research Triangle Park, NC 27709 |
| Dated: | Inventor Signature |
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| Inventor Name: | JOANNE MIKKELSON |
| Residence Address: | c/o NetApp, Inc. 12 Davis Drive Research Triangle Park, NC 27709 |
| Dated: | Inventor Signature |
| Inventor Name: | JOSEPH BROWN |
| Residence Address: | c/o NetApp, Inc. 12 Davis Drive Research Triangle Park, NC 27709 |
| Dated: 5/1/2 | 014 Brown Ar. Inventor Signature |
| | |

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