

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

EPAS ID: PAT3735669

SUBMISSION TYPE:	CORRECTIVE ASSIGNMENT
NATURE OF CONVEYANCE:	Corrective Assignment to correct the ASSIGNEE ADDRESS previously recorded on Reel 037671 Frame 0820. Assignor(s) hereby confirms the SELL, ASSIGN, AND TRANSFER.
CONVEYING PARTY DATA	
Name	Execution Date
BRIAN PANASKO	10/30/2015
TOM SNYDER	10/30/2015
CHAD MOORE	12/30/2015
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:	14928257
CORRESPONDENCE DATA	
Fax Number:	
<i>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.</i>	
Phone:	919-636-4767
Email:	kddocketing@cpaglobal.com
Correspondent Name:	KACVINSKY DAISAK BLUNI PLLC (2100)
Address Line 1:	430 DAVIS DRIVE
Address Line 2:	SUITE 150
Address Line 4:	MORRISVILLE, NORTH CAROLINA 27560
ATTORNEY DOCKET NUMBER:	2100P0110591
NAME OF SUBMITTER:	JOHN F. KACVINSKY
SIGNATURE:	/John F. Kacvinsky/
DATE SIGNED:	02/11/2016
Total Attachments: 5	
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PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
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EPAS ID: PAT3728207

SUBMISSION TYPE:	NEW ASSIGNMENT	
NATURE OF CONVEYANCE:	ASSIGNMENT	
CONVEYING PARTY DATA		
	Name	Execution Date
	BRIAN PANASKO	10/30/2015
	TOM SNYDER	10/30/2015
	CHAD MOORE	12/30/2015
RECEIVING PARTY DATA		
Name:	NETAPP INC.	
Street Address:	492 EAST JAVA DRIVE	
City:	SUNNYVALE	
State/Country:	CALIFORNIA	
Postal Code:	94089	
PROPERTY NUMBERS Total: 1		
Property Type	Number	
Application Number:	14928257	
CORRESPONDENCE DATA		
Fax Number:		
<i>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.</i>		
Phone:	919-636-4767	
Email:	kddocketing@cpaglobal.com	
Correspondent Name:	KACVINSKY DAISAK BLUNI PLLC (2100)	
Address Line 1:	430 DAVIS DRIVE	
Address Line 2:	SUITE 150	
Address Line 4:	MORRISVILLE, NORTH CAROLINA 27560	
ATTORNEY DOCKET NUMBER:	2100P0110591	
NAME OF SUBMITTER:	JOHN F. KACVINSKY	
SIGNATURE:	/John F. Kacvinsky/	
DATE SIGNED:	02/05/2016	
Total Attachments: 4		
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ASSIGNMENT

PATENT

In consideration of good and valuable consideration, the receipt of which is hereby acknowledged, I, the undersigned:

**BRIAN PANASKO
TOM SNYDER
CHAD MOORE**

hereby sell, assign, and transfer to:

NETAPP INC.

a corporation of Delaware, having a principal place of business at 495 East Java Drive, Sunnyvale, California 94089, ("Assignee"), and its successors, assigns, and legal representatives, the entire right, title, and interest for the United States and all foreign countries, in and to any and all improvements that are disclosed in the application for the United States patent entitled:

**TECHNIQUES FOR MAINTAINING DEVICE COORDINATION
IN A STORAGE CLUSTER SYSTEM**

which was filed on October 30, 2015 as
United States Application Number 14/928,257 and

which has been executed by the undersigned prior hereto or concurrently herewith on the date(s) indicated below,

and in and to said application and all divisional applications, continuation applications, continued prosecution applications, continuation-in-part applications, substitute applications, renewal applications, reissue applications, reexaminations, extensions, and all other patent applications that have been or shall be filed in the United States and all foreign countries on any of said improvements; and in and to all original patents, reissued patents, reexamination certificates, and extensions, that have been or shall be issued in the United States and all foreign countries on said improvements; and in and to all rights of priority resulting from the filing of said United States application;

agree that said Assignee may apply for and receive a patent or patents for said improvements in its own name; and that, when requested, without charge to, but at the expense of, said Assignee, its successors, assigns, and legal representatives, to carry out in good faith the intent and purpose of this Assignment, the undersigned will execute all divisional applications, continuation applications, continued prosecution applications, continuation-in-part applications, substitute applications, renewal applications,

reissue applications, reexaminations, extensions and all other patent applications on any and all said improvements; execute all rightful oaths, assignments, powers of attorney, and other papers; communicate to said Assignee, its successors, assigns, and representatives all facts known to the undersigned relating to said improvements and the history thereof; and generally assist said Assignee, its successors, assigns, or representatives in securing and maintaining proper patent protection for said improvements and for vesting title to said improvements, and all applications for patents and all patents on said improvements, in said Assignee, its successors, assigns, and legal representatives; and covenant with said Assignee, its successors, assigns, and legal representatives that no assignment, grant, mortgage, license, or other agreement affecting the rights and property herein conveyed has been made to others by the undersigned, and that full right to convey the same as herein expressed is possessed by the undersigned.

Please Sign and Date Below:

10/30/15
Date

Brian Panasko
Name: **BRIAN PANASKO**

10/30/15
Date

Thomas D. Snyder
Name: **TOM SNYDER**

Date

Name: **CHAD MOORE**

ASSIGNMENT

PATENT

In consideration of good and valuable consideration, the receipt of which is hereby acknowledged, I, the undersigned:

**BRIAN PANASKO
TOM SNYDER
CHAD MOORE**

hereby sell, assign, and transfer to:

NETAPP INC.

a corporation of Delaware, having a principal place of business at 495 East Java Drive, Sunnyvale, California 94089, ("Assignee"), and its successors, assigns, and legal representatives, the entire right, title, and interest for the United States and all foreign countries, in and to any and all improvements that are disclosed in the application for the United States patent entitled:

**TECHNIQUES FOR MAINTAINING DEVICE COORDINATION
IN A STORAGE CLUSTER SYSTEM**

which was filed on October 30, 2015 as
United States Application Number 14/928,257 and

which has been executed by the undersigned prior hereto or concurrently herewith on the date(s) indicated below,

and in and to said application and all divisional applications, continuation applications, continued prosecution applications, continuation-in-part applications, substitute applications, renewal applications, reissue applications, reexaminations, extensions, and all other patent applications that have been or shall be filed in the United States and all foreign countries on any of said improvements; and in and to all original patents, reissued patents, reexamination certificates, and extensions, that have been or shall be issued in the United States and all foreign countries on said improvements; and in and to all rights of priority resulting from the filing of said United States application;

agree that said Assignee may apply for and receive a patent or patents for said improvements in its own name; and that, when requested, without charge to, but at the expense of, said Assignee, its successors, assigns, and legal representatives, to carry out in good faith the intent and purpose of this Assignment, the undersigned will execute all divisional applications, continuation applications, continued

prosecution applications, continuation-in-part applications, substitute applications, renewal applications, reissue applications, reexaminations, extensions and all other patent applications on any and all said improvements; execute all rightful oaths, assignments, powers of attorney, and other papers; communicate to said Assignee, its successors, assigns, and representatives all facts known to the undersigned relating to said improvements and the history thereof; and generally assist said Assignee, its successors, assigns, or representatives in securing and maintaining proper patent protection for said improvements and for vesting title to said improvements, and all applications for patents and all patents on said improvements, in said Assignee, its successors, assigns, and legal representatives; and covenant with said Assignee, its successors, assigns, and legal representatives that no assignment, grant, mortgage, license, or other agreement affecting the rights and property herein conveyed has been made to others by the undersigned, and that full right to convey the same as herein expressed is possessed by the undersigned.

Please Sign and Date Below:

Date

Name: **BRIAN PANASKO**

Date

Name: **TOM SNYDER**

12-30-2015
Date



Name: **CHAD MOORE**