PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Blake Lewis	12/05/2011
John K. Edwards	12/01/2011
Vijay Deshmukh	12/01/2011
Kapil Kumar	11/30/2011
Rajesh Desai	11/30/2011

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:	13237760

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Address Line 1:	PO Box 1208
Address Line 4:	SUNNYVALE, CALIFORNIA 94089

ATTORNEY DOCKET NUMBER:	67272-8301.US01
NAME OF SUBMITTER:	Jordan M. Becker

501745050

CH $40.00   13237760

PATENT
REEL: 027343 FRAME: 0822

Total Attachments: 4
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ASSIGNMENT BY INVENTORS

This Assignment is by **Blake Lewis**; **John K. Edwards**; **Vijay Deshmukh**; **Kapil Kumar**; and **Rajesh Desai** (the "Assignors"). The Assignors have invented one or more certain inventions (the "Invention(s)") described in a Patent application for Letters Patent of the United States entitled **HANDLING DATA EXTENT SIZE ASYMMETRY DURING LOGICAL REPLICATION IN A STORAGE SYSTEM** (the "Application"), already filed on September 20, 2011 as U.S. Application No. 13/237,760.

NetApp, Inc., a Corporation of Delaware having its principal place of business at **495 East Java Drive, Sunnyvale, California 94089** ("Assignee"), desires to acquire the entire right, title and interest in and to the Invention(s) and the Application, and in and to any patents (collectively, "Patents") that may be granted for the Invention(s) in the United States or in any foreign countries.

For valuable consideration, the receipt and sufficiency of which Assignors acknowledge, Assignors hereby sell, assign, and transfer to Assignee, its successors, legal representatives and assigns, the entire right, title and interest in and to: the Invention(s), the Application, and any Patents; any divisions, continuations, and continuations-in-part of the Application and any other application claiming priority rights from the Application; any reissues, reexaminations, or extensions of any and all Patents; the right to file foreign applications directly in the name of Assignee; and the right to claim priority rights deriving from the Application (collectively, the "Rights").   Assignors warrant that Assignors own the Rights, and that the Rights are unencumbered. Assignors also agree to not sign any writing or do any act conflicting with this assignment, and, without further compensation, sign all documents and do such additional acts as Assignee deems necessary or desirable to: perfect Assignee's enjoyment of the Rights; conduct proceedings regarding the Rights, including any litigation or interference proceedings; or perfect or defend title to the Rights. Assignors request the Commissioner of Patents to issue any Patent of the United States that may be issued on the Invention(s) to Assignee. This Assignment may be executed in counterparts.

Date: 12/5/11   Signature: _____
Blake Lewis

Date: _____   Signature: _____
John K. Edwards

Date: _____   Signature: _____
Vijay Deshmukh

Date: _____   Signature: _____
Kapil Kumar

Date: _____   Signature: _____
Rajesh Desai

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Date:_____   Signature:_____
                                 Blake Lewis
Date: _Dec / 2011_____   Signature:_____
                                 John K. Edwards
Date:_____   Signature:_____
                                 Vijay Deshmukh
Date:_____   Signature:_____
                                 Kapil Kumar
Date:_____   Signature:_____
                                 Rajesh Desai

**PATENT
REEL: 027343 FRAME: 0825**

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Date:_____   Signature:_____
                                                         Blake Lewis

Date:_____   Signature:_____
                                                         John K. Edwards

Date: Dec 19 2011   Signature: D. V_____
                                                         Vijay Deshmukh

Date:_____   Signature:_____
                                                         Kapil Kumar

Date:_____   Signature:_____
                                                        Rajesh Desai

67272-8301.US01

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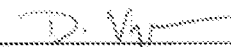
Date:_____   Signature:_____
                                            Blake Lewis

Date:_____   Signature:_____
                                            John K. Edwards

Date:_____   Signature:_____
                                            Vijay Deshmukh

Date: 11/30/2011   Signature:_____
                                            Kapil Kumar

Date: 11/30/2011   Signature:_____
                                            Rajesh Desai