

**PATENT ASSIGNMENT**

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

**CONVEYING PARTY DATA**

Name	Execution Date
Aravinda Chandrachari	11/03/2010
Madhan Rajasekaran	11/03/2010
Rakshit Karnawat	11/04/2010

**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:	12951945

**CORRESPONDENCE DATA**

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 Address Line 4: Seattle, WASHINGTON 98111-1208

ATTORNEY DOCKET NUMBER:	67272-8269.US01
NAME OF SUBMITTER:	Jordan M. Becker

Total Attachments: 4  
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**CH \$40.00 12951945**

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**PATENT  
 REEL: 025393 FRAME: 0879**

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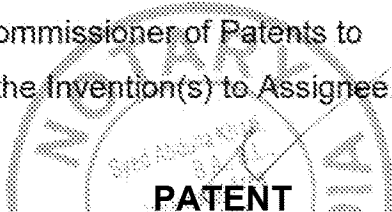
528324  
NETAPP

**ASSIGNMENT BY INVENTORS**

This Assignment is by **Aravinda Chandrachari; Madhan Rajasekkharan;** and **Rakshit Karnawat** (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 **VIRTUAL MACHINE BASED OPERATING SYSTEM SIMULATION USING HOST RAM-BASED EMULATION OF PERSISTENT MASS STORAGE DEVICE** (the "Application"), filed on November 22, 2010 as U.S. Application No. 12/951,945. The Assignors authorize the Assignee, identified below, or its representatives to insert the application number of the Application when known.

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.

  
**PATENT**  
**REEL: 025393 FRAME: 0881**

*[Handwritten Signature]*

**Aravinda Chandrachari**

Date: 02/Nov/2010

United States of America )  
State of \_\_\_\_\_ ) ss.:  
County of \_\_\_\_\_ )

On this 03 day of November, 2010, before me personally came Aravinda Chandrachari, to me known to be the individual described in and who executed the foregoing instrument, and acknowledged execution of the same.

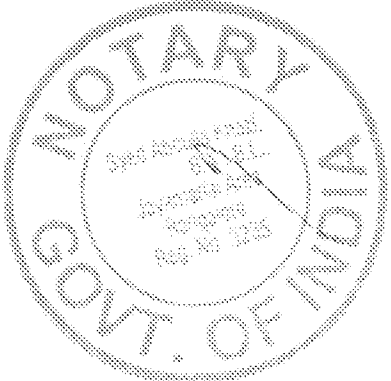
**ATTESTED**

*[Handwritten Signature]*

**SYED ABDULLA MAZIDARI**  
Notary Public

Advocate & Notary Public  
Govt. Of India  
No.21/A, First Main Road,  
Chinappa Garden  
Bangalore - 560 046.

**- 4 NOV 2010**



Rakshit Karnawat

**Rakshit Karnawat**

Date: 04/Nov/2010

United States of America )  
State of \_\_\_\_\_ ) ss.:  
County of \_\_\_\_\_ )

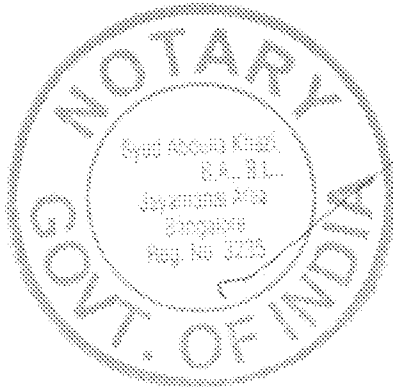
On this fourth day of November, 2010, before me personally came Rakshit Karnawat, to me known to be the individual described in and who executed the foregoing instrument, and acknowledged execution of the same.

ATTEST

SYED ABDULLA KHAN, B.A., B.L.  
Notary Public

Advocate & Notary Public  
Govt. Of India  
No.21/A, First Main Road  
Chinappa Garden  
Bangalore - 560 046.

- 4 NOV 2010



*RA. Madhan*

**Madhan Rajasekkharan**

Date: 03/11/10

United States of America )  
State of \_\_\_\_\_ ) ss.:  
County of \_\_\_\_\_ )

On this \_\_\_\_\_ day of 3 NOV 2010, \_\_\_\_\_, before me personally came **Madhan Rajasekkharan**, to me known to be the individual described in and who executed the foregoing instrument, and acknowledged execution of the same.

**ATTESTED**

Notary Public **ABDULLA KHAN, B.A., B.L.**  
Advocate & Notary Public  
Govt. Of India  
No.21/A, First Main Road/  
Chinappa Garden  
Bangalore - 560 045  
- 3 NOV 2010

