

## PATENT ASSIGNMENT COVER SHEET

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<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
BHARATH KUMAR K.M.	12/19/2015
JAGADISH VASUDEVA	12/21/2015
ATUL GOEL	01/22/2016
JALDHI DAVE	01/14/2016
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<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	14757429
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<b>DATE SIGNED:</b>	02/02/2016
<b>Total Attachments: 5</b>	
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## ASSIGNMENT BY INVENTORS

This Assignment is by **Bharath KUMAR K.M., Jagadish VASUDEVA, Atul GOEL, and Jaldhi DAVE** (the "Assignors"). The Assignors have invented one or more certain inventions (the "Invention") described in a Patent application for Letters Patent of the United States entitled **AN EFFICIENT METHOD OF COMBINING PARITY GROUPS FOR UNIFORM LOAD DISTRIBUTION AND MAXIMIZING PARALLELIZATION IN PARITY DE-CLUSTERED AND SLICED DISK RAID ARCHITECTURE** (the "Application"). 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 Assignor acknowledge, Assignor 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"). Assignor warrant that Assignor own the Rights, and that the Rights are unencumbered. Assignor 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. Assignor requests 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: \_\_\_\_\_

Signature: Bharath kumar km  
Bharath kumar km: (Dec 19, 2015)

**Bharath KUMAR K. M.**

Date: \_\_\_\_\_

Signature: \_\_\_\_\_  
**Jagadish VASUDEVA**

Date: \_\_\_\_\_

Signature: \_\_\_\_\_  
**Atul GOEL**

Date: \_\_\_\_\_

Signature: \_\_\_\_\_  
**Jaldhi DAVE**

Date: \_\_\_\_\_

Signature: \_\_\_\_\_  
**Bharath KUMAR K. M.**

Date: \_\_\_\_\_

Signature: *jagdish.v*  
Jagdish.V (Dec 21, 2015)  
**Jagadish VASUDEVA**

Date: \_\_\_\_\_

Signature: \_\_\_\_\_  
**Atul GOEL**

Date: \_\_\_\_\_

Signature: \_\_\_\_\_  
**Jaldhi DAVE**

Date: \_\_\_\_\_

Signature: \_\_\_\_\_  
**Bharath KUMAR K. M.**

Date: \_\_\_\_\_

Signature: \_\_\_\_\_  
**Jagadish VASUDEVA**

Date: \_\_\_\_\_

Signature: *Atul Goel*  
Atul Goel (Jan 22, 2018)  
**Atul GOEL**

Date: \_\_\_\_\_

Signature: \_\_\_\_\_  
**Jaldhi DAVE**



Date: \_\_\_\_\_

Signature: \_\_\_\_\_  
**Bharath KUMAR K. M.**

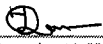
Date: \_\_\_\_\_

Signature: \_\_\_\_\_  
**Jagadish VASUDEVA**

Date: \_\_\_\_\_

Signature: \_\_\_\_\_  
**Atul GOEL**

Date: \_\_\_\_\_

Signature:  \_\_\_\_\_  
Jaldhi Dave (Jan 14, 2016)  
**Jaldhi DAVE**