

PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
Ajay Pratap Singh Kushwah	07/28/2006
RECEIVING PARTY DATA	
Name:	EMC Corporation
Street Address:	176 South Street
City:	Hopkinton
State/Country:	MASSACHUSETTS
Postal Code:	01748
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	12962819
CORRESPONDENCE DATA	
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ATTORNEY DOCKET NUMBER:	EMCCP092C1
NAME OF SUBMITTER:	William J. James
Total Attachments: 2 source=EMCCP092C1_assignment#page1.tif source=EMCCP092C1_assignment#page2.tif	

CH \$40.00 12962819

ASSIGNMENT OF PATENT APPLICATION

Whereas I/we the undersigned inventor(s) have invented certain new and useful improvements as set forth in the patent application entitled:

BACKUP OF INCREMENTAL METADATA IN BLOCK BASED BACKUP SYSTEMS

for which I (we) have executed an application for a United States Letters Patent which was filed in the U.S. Patent and Trademark Office on June 29, 2006, and which bears the Application No. 11/479,317, and we authorize and request the attorneys appointed in said application to hereafter complete this assignment by inserting above the filing date and serial number of said application when known;

For good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, I/We the undersigned inventor(s) hereby:

- 1) Sell(s), assign(s) and transfer(s) to EMC Corporation (hereinafter "ASSIGNEE"), a corporation organized and existing under the laws of the Commonwealth of Massachusetts and having a usual place of business at 176 South Street, Hopkinton, Massachusetts 01748, the entire right title and interest in any and all improvements and inventions disclosed in, application(s) (including foreign applications) based upon, and Patent(s) (including foreign patents) granted upon the information which is disclosed in the above referenced application and/or in any provisional application to which the above referenced application claims priority.
- 2) Authorize and request the Commissioner of Patents to issue any and all Letters Patents resulting from said application or any division(s), continuation(s), substitutes(s) or reissue(s) thereof to the ASSIGNEE.
- 3) Agree to execute all papers and documents and, entirely at the ASSIGNEE's expense, perform any acts which are reasonably necessary in connection with the prosecution of said application, as well as any derivative applications thereof, foreign applications based thereon, and/or the enforcement of patents resulting from such applications.
- 4) Agree that the terms, covenants and conditions of this assignment shall inure to the benefit of the Assignee, its successors, assigns and other legal representative, and shall be binding upon the inventor(s), as well as the inventor's heirs, legal representatives and assigns.
- 5) Warrant and represent that I/we have not entered, and will not enter into any assignment, contract, or understanding that conflicts with this assignment.

Signed on the date(s) indicated beside my (our) signature(s).

Date: 07-28-06

[Signature]
Inventor's Signature

Print full name of first inventor: **Ajay Pratap Singh Kushwah**
Residence: San Ramon
Citizenship: India
Mailing Address: 6801 Koll Center
Pleasanton, CA 94566

STATE/Commonwealth of CA
COUNTY OF Contra Costa

Then personally appeared before me the above-named Inventor's Signature and acknowledged that he/she executed the foregoing instrument as his/her free act and deed this 28th day of July, 2006.

[Signature]
Notary Public
Print Name: Jai Patel
My Commission expires 3/15/2010

