

PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT										
NATURE OF CONVEYANCE:	ASSIGNMENT										
CONVEYING PARTY DATA											
<table border="1"> <thead> <tr> <th>Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>Robert L. Fair</td> <td>05/09/2013</td> </tr> <tr> <td>Imran Khan</td> <td>05/09/2013</td> </tr> <tr> <td>Pranay Singh</td> <td>05/08/2013</td> </tr> </tbody> </table>		Name	Execution Date	Robert L. Fair	05/09/2013	Imran Khan	05/09/2013	Pranay Singh	05/08/2013		
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RECEIVING PARTY DATA											
<table border="1"> <tr> <td>Name:</td> <td>EMC Corporation</td> </tr> <tr> <td>Street Address:</td> <td>176 South Street</td> </tr> <tr> <td>City:</td> <td>Hopkinton</td> </tr> <tr> <td>State/Country:</td> <td>MASSACHUSETTS</td> </tr> <tr> <td>Postal Code:</td> <td>01748</td> </tr> </table>		Name:	EMC Corporation	Street Address:	176 South Street	City:	Hopkinton	State/Country:	MASSACHUSETTS	Postal Code:	01748
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PROPERTY NUMBERS Total: 1											
<table border="1"> <thead> <tr> <th>Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>13891789</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	13891789						
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Application Number:	13891789										
CORRESPONDENCE DATA											
Fax Number:	3108205988										
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>											
Phone:	310-207-3800										
Email:	FIP_Group@bstz.com, Margaux_Rodriguez@bstz.com										
Correspondent Name:	Blakely, Sokoloff, Taylor & Zafman LLP										
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Address Line 4:	Sunnyvale, CALIFORNIA 94085										
ATTORNEY DOCKET NUMBER:	006368.P066										
NAME OF SUBMITTER:	Jonathan S. Miller										
Signature:	/Jonathan S. Miller/										
Date:	05/13/2013										

CH \$40.00 13891789

Total Attachments: 4

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ASSIGNMENT OF PATENT APPLICATION

Attorney Docket No.: 006368.P066

For good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, I/we, the undersigned, Robert L. Fair, Imran Khan, Pranay Singh

hereby sell, assign, and transfer to EMC CORPORATION

a corporation of Delaware,
(Type of Assignee: e.g., corporation, company, partnership, university, etc.)

having a principal place of business at 176 SOUTH STREET, HOPKINTON, MA 01748

("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 inventions or improvements that are disclosed in the application (provisional or non-provisional) for the United States patent which for the non-provisional application may have a declaration executed by the undersigned prior hereto or concurrently herewith and which application (provisional or non-provisional) is entitled

TECHNIQUE FOR INTEGRATING VTL TAPE POOLS WITH MTREE QUOTAS

said patent application also identified as follows (when known):

[I/we hereby authorize an attorney or agent for said Assignee to insert below the application number and filing date of said patent application when known.]

United States Patent Application Number 13/891,789 filed May 10, 2013,

and in and to said application (provisional or non-provisional) and all provisional applications, non-provisional applications, utility applications, design applications, 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 inventions or 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 inventions or 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 inventions or 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 provisional applications, non-provisional applications, utility applications, design applications, 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 inventions or 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 inventions or improvements and the history thereof; and generally assist said Assignee, its successors, assigns, or

representatives in securing and maintaining proper patent protection for said inventions or improvements and for vesting title to said inventions or improvements, and all applications for patents and all patents on said inventions or 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.

Each Inventor: Please Sign and Date Below:

5/9, 2013
Date

[Signature]
Signature

Robert L. Fair
Printed/Typed Name

_____, 20____
Date

Signature

Imran Khan
Printed/Typed Name

_____, 20____
Date

Signature

Pranay Singh
Printed/Typed Name

Assignment Document Return Address:
BLAKELY, SOKOLOFF, TAYLOR & ZAFMAN LLP
1279 Oakmead Parkway
Sunnyvale, CA 94085-4040
(408) 720-8300

representatives in securing and maintaining proper patent protection for said inventions or improvements and for vesting title to said inventions or improvements, and all applications for patents and all patents on said inventions or improvements, in said Assignee, its successors, assigns, and legal representatives; and

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Each Inventor: Please Sign and Date Below:

_____, 20____
Date Signature

Robert L. Fair
Printed/Typed Name

05/09, 2013'
Date Signature

Imran Khan
Printed/Typed Name

_____, 20____
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Pranay Singh
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Each Inventor: Please Sign and Date Below:

_____, 20____
Date Signature
Robert L. Fair
Printed/Typed Name

_____, 20____
Date Signature
Imran Khan
Printed/Typed Name

8th May, 2013
Date Signature
Pranay Singh
Printed/Typed Name

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Sunnyvale, CA 94085-4040
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