

## PATENT ASSIGNMENT

Electronic Version v1.1

Stylesheet Version v1.1

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>Kendra MARCHANT</td> <td>12/14/2012</td> </tr> <tr> <td>Natalie Lee Chin WONG</td> <td>12/10/2012</td> </tr> <tr> <td>Rhon PORTER</td> <td>12/10/2012</td> </tr> <tr> <td>Bruce R. RABE</td> <td>12/10/2012</td> </tr> </tbody> </table>		Name	Execution Date	Kendra MARCHANT	12/14/2012	Natalie Lee Chin WONG	12/10/2012	Rhon PORTER	12/10/2012	Bruce R. RABE	12/10/2012
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Kendra MARCHANT	12/14/2012										
Natalie Lee Chin WONG	12/10/2012										
Rhon PORTER	12/10/2012										
Bruce R. RABE	12/10/2012										
RECEIVING PARTY DATA											
Name:	EMC Corporation										
Street Address:	176 South Street										
City:	Hopkinton										
State/Country:	MASSACHUSETTS										
Postal Code:	01748										
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>13716373</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	13716373						
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Application Number:	13716373										
CORRESPONDENCE DATA											
Fax Number:	5088988602										
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>											
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Email:	docketing@westboro-ip.com										
Correspondent Name:	Muirhead and Saturnelli, LLC										
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Address Line 2:	Suite 1001										
Address Line 4:	Westborough, MASSACHUSETTS 01581										
ATTORNEY DOCKET NUMBER:	EMS-489US; EMC-12-786										
NAME OF SUBMITTER:	Anne E. Saturnelli										
Total Attachments: 5											

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**ASSIGNMENT**

**WHEREAS**, we, Kendra MARCHANT, Natalie Lee Chin WONG, Rhon PORTER and Bruce R. RABE have invented an invention comprising and/or embodying certain improvements or discoveries or both as described in an application for Letters Patent of the United States entitled **GUIDED PERFORMANCE TROUBLESHOOTING AND EXPLORATION**, the specification of which:

- is being executed on even date herewith and is about to be filed in the United States Patent Office;
- was filed on \_\_\_\_\_ as U.S. Application No. \_\_\_\_\_;
- was patented under U.S. Patent No. \_\_\_\_\_ on \_\_\_\_\_.

**WHEREAS**, 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 desires to acquire an interest therein in accordance with agreements duly entered into with us;

**NOW, THEREFORE**, to all whom it may concern be it known that for and in consideration of said agreements and of other good and valuable consideration, the receipt of which is hereby acknowledged, we have sold, assigned and transferred and by these presents do hereby sell, assign and transfer unto said ASSIGNEE, its successors, assigns and legal representatives, the entire right, title and interest in and throughout the United States of America, its territories and all foreign countries, in and to said invention as described in said application, together with the entire right, title and interest in and to said application and such Letters Patent as may issue thereon; said invention, application and Letters Patent to be held and enjoyed by said ASSIGNEE for its own use and behalf and for its successors, assigns and legal representatives, to the full end of the term for which said Letters Patent may be granted as fully and entirely as the same would have been held by us had this assignment and sale not been made; we hereby convey to ASSIGNEE all rights arising under or pursuant to any and all international agreements, treaties or laws relating to the protection of industrial property by filing any such applications for Letters Patent. We hereby acknowledge that this assignment, being of the entire right, title and interest in and to said invention, carries with it the right in ASSIGNEE to apply for and obtain from competent authorities in all countries of the world any and all Letters Patent by attorneys and agents of ASSIGNEE's selection and the right to procure the grant of all such Letters Patent to ASSIGNEE for its own name as assignee of the entire right, title and interest therein;

**AND**, we hereby further agree for ourselves and our executors and administrators to execute upon request any other lawful documents and likewise to perform any other lawful acts which may be deemed necessary to secure fully the aforesaid invention to said ASSIGNEE, its successors, assigns and legal representatives, but at its or their expense and charges, including the execution of applications for patents in foreign countries, and the execution of substitution, reissue, divisional or continuation applications and preliminary or other statements and the giving of testimony in any interference or other proceeding in which said invention or any application or patent directed thereto may be involved;

AND, we do hereby authorize and request the Commissioner of Patents of the United States to issue such Letters Patent as shall be granted upon said application or applications based thereon to said ASSIGNEE, its successors, assigns, and legal representatives.

AND, we hereby authorize attorneys of Muirhead and Saturnelli, LLC to insert here in parenthesis ( 13/716,373 filed 12-17-12 ) the application number and filing date of said Application (or foreign counterpart application) to facilitate the recording or other official processing of this Assignment.

IN TESTIMONY WHEREOF, we have hereunto set our hands and affixed our seals as set forth below:

Date: Dec 14, 2012

Kendra Marchant  
Inventor's Signature

Print full name of first inventor: **Kendra MARCHANT**  
Residence: 91 Valentine Road  
Arlington, MA 02476  
Citizenship: U.S.A.  
Mailing Address: Same

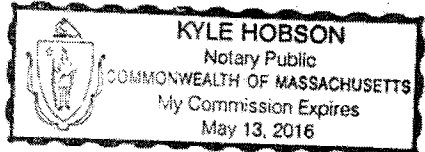
COMMONWEALTH OF MASSACHUSETTS  
COUNTY OF Middlesex

On this 14 day of 12, 2012, then personally appeared before me the above-named **Kendra MARCHANT** known to me through satisfactory evidence of identification [ ] employee identification card; [  ] driver's license; [ ] (other)

Kendra MARCHANT to be the person whose name is subscribed to the foregoing Assignment and acknowledged that he/she executed the same as his/her free act and deed for the purposes therein contained.

[Signature]  
Notary Public

Print Name: Kyle Hobson  
My Commission expires: 5/13/16



Date: 12/10/2012

Natalie Lee Chin Wong  
Inventor's Signature

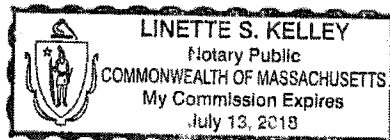
Print full name of second inventor:  
Residence:  
Citizenship:  
Mailing Address:

**Natalie Lee Chin WONG**  
95 Fuller Street, #2  
Brookline, MA 02446  
U.S.A.  
Same

COMMONWEALTH OF MASSACHUSETTS  
COUNTY OF Middlesex

On this 10<sup>th</sup> day of December, 2012, then personally appeared before me the above-named **Natalie Lee Chin WONG** known to me through satisfactory evidence of identification  employee identification card;  driver's license;  (other) \_\_\_\_\_ to be the person whose name is subscribed to the foregoing Assignment and acknowledged that he/she executed the same as his/her free act and deed for the purposes therein contained.

Linette S. Kelley  
Notary Public  
Print Name: Linette S. Kelley  
My Commission expires: 07/18/2018



Date: 12/10/12



Inventor's Signature

Print full name of third inventor:

**Rhon PORTER**

Residence:

42 Cherry Lane  
South Grafton, MA 01810

Citizenship:

U.S.A.


Mailing Address:

Same

COMMONWEALTH OF MASSACHUSETTS  
COUNTY OF Middlesex

On this 10<sup>th</sup> day of December, 2012, then personally appeared before me the above-named **Rhon PORTER** known to me through satisfactory evidence of identification  employee identification card;  driver's license;  (other)

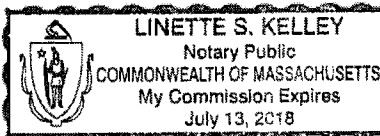
\_\_\_\_\_ to be the person whose name is subscribed to the foregoing Assignment and acknowledged that he/she executed the same as his/her free act and deed for the purposes therein contained.



Notary Public

Print Name: Linette S. Kelley

My Commission expires: 07/13/2018



Date: 12/10/12

*Bruce R. Rabe*  
Inventor's Signature

Print full name of fourth inventor:  
Residence:  
Citizenship:  
Mailing Address:

**Bruce R. RABE**  
91 Maple Pl.  
Dedham, MA 02026  
U.S.A.  
Same

COMMONWEALTH OF MASSACHUSETTS  
COUNTY OF Middlesex

On this 10<sup>th</sup> day of December, 2012, then personally appeared before me the above-named **Bruce R. RABE** known to me through satisfactory evidence of identification  employee identification card;  driver's license;  (other) \_\_\_\_\_ to be the person whose name is subscribed to the foregoing Assignment and acknowledged that he/she executed the same as his/her free act and deed for the purposes therein contained.

*Linette S. Kelley*  
Notary Public  
Print Name: Linette S. Kelley  
My Commission expires: 07/13/2018

