

PATENT ASSIGNMENT COVER SHEET

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EPAS ID: PAT3751601

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
JAEYOO JUNG	01/08/2016
JEFFREY WILSON	01/08/2016
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:	14985769
CORRESPONDENCE DATA	
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<i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.</i>	
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Address Line 4:	WESTBOROUGH, MASSACHUSETTS 01581
ATTORNEY DOCKET NUMBER:	EMS-621US
NAME OF SUBMITTER:	ANNE E. SATURNELLI
SIGNATURE:	/Anne E. Saturnelli/
DATE SIGNED:	02/23/2016
Total Attachments: 6	
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ASSIGNMENT

WHEREAS, we, Owen MARTIN, Hui WANG, Jaeyoo JUNG, James L. DAVIDSON and Jeffrey WILSON, 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 CONTROLLING I/O RESPONSE TIME TO MEET SERVICE LEVELS, 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 December 31, 2015 as U.S. Application No. 14/985,769;
- 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 (_____) 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: _____

Inventor's Signature

Print full name of first inventor:

Owen MARTIN

Residence:

6 Tammie Road
Hopedale, MA 01747

Citizenship:

U.S.A.

Mailing Address:

Same

COMMONWEALTH OF MASSACHUSETTS
COUNTY OF _____

On this ____ day of _____, 2016, then personally appeared before me the above-named Owen MARTIN 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:

My Commission expires:

Date: _____

Inventor's Signature

Print full name of second inventor:

Hui WANG

Residence:

60 South Street

Upton, MA 01568

Citizenship:

USA

Mailing Address:

Same

COMMONWEALTH OF MASSACHUSETTS
COUNTY OF _____

On this ____ day of _____, 2016, then personally appeared before me the above-named Hui WANG 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:

My Commission expires:

Date: 01/08/2016

Jaeyoo Jung
Inventor's Signature

Print full name of third inventor: **Jaeyoo JUNG**
Residence: 49 Cherry Street
Shrewsbury, MA 01545
Citizenship: Korea
Mailing Address: Same

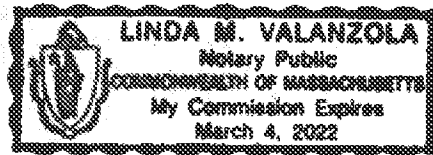
COMMONWEALTH OF MASSACHUSETTS
COUNTY OF Middlesex

On this 8 day of January, 2016, then personally appeared before me the above-named **Jaeyoo JUNG** 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.

Linda M. Valanzola
Notary Public

Print Name: Linda M. Valanzola

My Commission expires:



Date: _____

Inventor's Signature

Print full name of fourth inventor:

James L. DAVIDSON

Residence:

5 Cedar Lane
Tyngsboro, MA 01879

Citizenship:

U.S.A.

Mailing Address:

Same

COMMONWEALTH OF MASSACHUSETTS
COUNTY OF _____

On this ____ day of _____, 2016, then personally appeared before me the above-named **James L. DAVIDSON** 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:

My Commission expires:

Date: 1/8/2016

[Signature]
Inventor's Signature

Print full name of fifth inventor:

Jeffrey WILSON

Residence:

24 Summer Heights Drive

Franklin, MA 02038

Citizenship:

U.S.A.

Mailing Address:

Same

STATE OF MASSACHUSETTS
COUNTY OF Middlesex

On this 8 day of January, 2016, then personally appeared before me the above-named **Jeffrey WILSON** 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.

[Signature]
Notary Public

Print Name: Linda M. Valanzola

My Commission expires:

