

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>Daniel V Bailey</td> <td>09/29/2010</td> </tr> <tr> <td>John G Brainard</td> <td>09/29/2010</td> </tr> <tr> <td>William M Duane</td> <td>09/30/2010</td> </tr> <tr> <td>Michael J O'Malley</td> <td>09/29/2010</td> </tr> <tr> <td>Robert S Philpott</td> <td>09/30/2010</td> </tr> </tbody> </table>		Name	Execution Date	Daniel V Bailey	09/29/2010	John G Brainard	09/29/2010	William M Duane	09/30/2010	Michael J O'Malley	09/29/2010	Robert S Philpott	09/30/2010
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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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CORRESPONDENCE DATA													
<p>Fax Number:</p> <p><i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i></p> <p>Phone: 508-435-1000</p> <p>Email: Docketing@emc.com</p> <p>Correspondent Name: EMC CORPORATION OFFICE OF THE GENERAL CO</p> <p>Address Line 1: 176 SOUTH STREET</p> <p>Address Line 2: Joseph D'Angelo</p> <p>Address Line 4: HOPKINTON, MASSACHUSETTS 01748</p>													
ATTORNEY DOCKET NUMBER:	EMC-10-115CON1												
NAME OF SUBMITTER:	Joseph D'Angelo												

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Total Attachments: 7

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ASSIGNMENT

WHEREAS, we, **Daniel V. Bailey, John G. Brainard, William M. Duane, Michael J. O'Malley, and Robert S. Philpott** 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 **AGILE OTP GENERATION** (Application), 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 our attorneys, EMC Corporation, 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: 9-29-10

Dal V. Bailey
Inventor's Signature

Print full name of first inventor:

DANIEL V. BAILEY

Residence:

35 HIGH STREET, PEPPERELL, MA 01463

Citizenship:

US

Mailing Address:

SAME AS ABOVE

STATE/Commonwealth of
COUNTY OF

Massachusetts
Middlesex

On this 29th day of September, 2010, then personally appeared before me the
above-named **DANIEL V. BAILEY** known to me through satisfactory evidence of
identification ☐ employee identification card; ☒ driver's license; ☐ (other)

Daniel V. Bailey 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.

Kristen Caizzi
Notary Public

Print Name: Kristen Caizzi

My Commission expires 4/20/2012



KRISTEN CAIZZI
Notary Public
Commonwealth of Massachusetts
My Commission Expires
April 20, 2012

Date: 9/29/2010

John G. Brainard
Inventor's Signature

Print full name of second inventor:

JOHN G. BRAINARD

Residence:

16 AARON ROAD, SUDBURY, MA 01776

Citizenship:

US

Mailing Address:

SAME AS ABOVE

STATE/COMMONWEALTH OF

MASSACHUSETTS

COUNTY OF

MIDDLESEX

On this 29th day of September, 2010, then personally appeared before me the above-named **JOHN G. BRAINARD** known to me through satisfactory evidence of identification [☐] employee identification card; [☒] driver's license; [☐] (other) John G. Brainard 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.

Kristen Caizzi
Notary Public

Print Name: Kristen Caizzi

My Commission expires 4/20/2012



KRISTEN CAIZZI
Notary Public
Commonwealth of Massachusetts
My Commission Expires
April 20, 2012

Date:

9/30/2010

William Duane

Inventor's Signature

Print full name of third inventor:

WILLIAM M. DUANE

Residence:

4 HOWARD ROAD, WESTFORD, MA 01886

Citizenship:

US

Mailing Address:

SAME AS ABOVE

STATE/Commonwealth of

MA

COUNTY OF

MIDDLESEX

On this 30th day of September, 2010, then personally appeared before me the above-named **WILLIAM M. DUANE** known to me through satisfactory evidence of identification [☒] employee identification card; [☐] driver's license; [☐] (other) William M. Duane 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.

Kristen Caizzi

Notary Public

Print Name: Kristen Caizzi

My Commission expires 4/20/2012



KRISTEN CAIZZI
Notary Public
Commonwealth of Massachusetts
My Commission Expires
April 20, 2012

Date: 9/29/2010


Inventor's Signature

Print full name of fourth inventor:

MICHAEL J. O'MALLEY

Residence:

188 TROTting PARK ROAD, LOWELL, MA
01854

Citizenship:

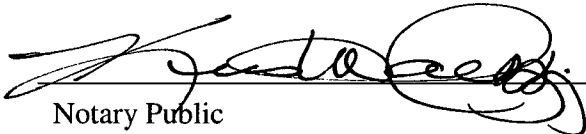
US

Mailing Address:

SAME AS ABOVE

STATE/Commonwealth of MA
COUNTY OF Middlesex

On this 29th day of September, 2010, then personally appeared before me the above-named **MICHAEL J. O'MALLEY** known to me through satisfactory evidence of identification ☐ employee identification card; ☒ driver's license; ☐ (other) Michael J. O'Malley 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 Kristen Caizzi

My Commission expires 4/20/2012



KRISTEN CAIZZI
Notary Public
Commonwealth of Massachusetts
My Commission Expires
April 20, 2012

Date: 9/30/2010

Robert S. Philpott
Inventor's Signature

Print full name of fifth inventor:

ROBERT S. PHILPOTT

Residence:

8 FREEMONT LANE, ANDOVER, MA 01810

Citizenship:

US

Mailing Address:

SAME AS ABOVE

STATE/Commonwealth of
COUNTY OF

MASSACHUSETTS
ESSEX

On this 30TH day of SEPTEMBER 2010, then personally appeared before me the above-named **ROBERT S. PHILPOTT** known to me through satisfactory evidence of identification [☒] employee identification card; [☐] driver's license; [☐] (other)

Robert S. Philpott 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.

Kristen Caizzi
Notary Public

Print Name: Kristen Caizzi

My Commission expires 4/20/2012



KRISTEN CAIZZI
Notary Public
Commonwealth of Massachusetts
My Commission Expires
April 20, 2012