

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>Mark O'Connell</td> <td>06/25/2008</td> </tr> <tr> <td>Michael Kilian</td> <td>06/16/2008</td> </tr> </tbody> </table>		Name	Execution Date	Mark O'Connell	06/25/2008	Michael Kilian	06/16/2008						
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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>Internal Address:</td> <td>Office of the General Counsel</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	Internal Address:	Office of the General Counsel	City:	Hopkinton	State/Country:	MASSACHUSETTS	Postal Code:	01748
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PROPERTY NUMBERS Total: 1													
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CORRESPONDENCE DATA													
<p>Fax Number: 5082937189 <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i></p> <p>Phone: 508-293-6985 Email: docketing@emc.com Correspondent Name: Robert Kevin Perkins Address Line 1: 176 South Street Address Line 2: Office of the General Counsel Address Line 4: Hopkinton, MASSACHUSETTS 01748</p>													
ATTORNEY DOCKET NUMBER:	EMC-08-121CON1												
NAME OF SUBMITTER:	Robert Kevin Perkins												
<p>Total Attachments: 6 source=EMC-08-121 Assignment - Mark O'Connell#page1.tif</p>													

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ASSIGNMENT

For good and valuable consideration, the receipt of which is hereby acknowledged, we the undersigned Assignors hereby:

1. Sell, assign and transfer to EMC Corporation, a Massachusetts corporation having a place of business at 176 South Street; Hopkinton, Massachusetts 01748, its successors, assigns and legal representatives, all hereinafter referred to as the Assignee, our entire right, title and interest for the United States and all foreign countries, in and to any and all inventions and designs which are disclosed in the application for United States Letters Patent filed in the United States Patent and Trademark Office on March 31, 2008 under No. 12/059,688, bearing Attorney Docket No. E0295.70345US00, and entitled ASSOCIATING AN IDENTIFIER WITH A CONTENT UNIT, and in and to said application and all non-provisional, divisional, continuing, substitute, renewal, reissue and all other applications for Letters Patent, utility models, industrial designs or similar intellectual property rights which have been or shall be filed in the United States, internationally, and in any foreign country, including but not limited to Japan and Korea, on any of said inventions; and in and to all original and reissued patents which have been or shall be issued in the United States or any other jurisdiction on said inventions, including the right to apply for patent rights in each foreign country and all rights to priority;
2. Agree that said Assignee may apply for and receive Letters Patent and utility model and industrial design registrations for said inventions in its own name; and when requested, without charge to but at the expense of said Assignee, we agree to carry out in good faith the intent and purpose of this assignment, by executing all non-provisional, divisional, continuing, substitute, renewal, reissue, and all other patent, utility model and industrial design applications on any and all said inventions, by executing all rightful oaths, assignments, powers of attorney and other papers, by communicating to said Assignee all facts known to us relating to said inventions and the history thereof, and generally by doing everything reasonably possible which said Assignee shall consider desirable for aiding in securing and maintaining proper protection for said inventions and for vesting title to said inventions and all applications for patents and all patents on said inventions, in said Assignee;
3. Request the Honorable Director of the United States Patent and Trademark Office to issue said Letters Patent to said Assignee;
4. Authorize and request Wolf, Greenfield & Sacks, P.C. to supply any missing patent/application identification information or correct any errors in the patent/application identification information provided above, whether discovered prior to or after recordation;
5. Covenant with said Assignee that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been made to others by us and that full right to convey the same as herein expressed is possessed by us; and
6. Appoint Assignee, through its designee, my attorney-in-fact to execute, in my name and on my behalf, any and all documents required to effectuate this Assignment, specifically including, but not limited to, those documents specified above and any necessary corrective assignments.



This instrument is executed under seal.

6/25/08

Date

Mark O'Connell

Inventor: Mark O'Connell

Address: Wijngaardstraat 33

2800 Mechelen

BELGIUM

Citizenship: US

I IAN LEYSEN (name) whose residential address is

AUGUST VAN PUTTE 117 2150 BORSBEK

was personally present and did see Mark O'Connell (name of person signing the assignment)
who is personally known to me, execute the above assignment.

[Signature] (signature of first witness)

Signed at MECHELEN, BELGIUM (location of witness signature)

on this day 25th JUNE of 2008. (date of signature)

I ANNE-MARIE VANDOOSTERHOUT (name) whose residential address is

KRONENBURGSTRAT 27 BUS 221 2000 ANTWERPEN, BELGIUM

was personally present and did see Mark O'Connell (name of person signing the assignment)
who is personally known to me, execute the above assignment.

[Signature] (signature of second witness)

Signed at MECHELEN, BELGIUM (location of witness signature)

on this day June 25 of 2008. (date of signature)

MOC

Date

Inventor: Michael Kilian

Address: 25 Candleberry Lane
Harvard, MA 01451

Citizenship: US

COMMONWEALTH OF MASSACHUSETTS

COUNTY OF _____;

On this _____ day of _____, _____, before me, the undersigned notary public,
personally appeared Michael Kilian, proved to me through satisfactory evidence of
identification, which were _____,
to be the person who signed the preceding or attached document in my presence and swore or affirmed
to me that the contents of the document are truthful and accurate to the best of (his) (her) knowledge
and belief and acknowledged to me that (he) (she) signed it voluntarily for its stated purpose.

SEAL

Notary Public

My commission expires: _____

M60

ASSIGNMENT

For good and valuable consideration, the receipt of which is hereby acknowledged, we the undersigned Assignors hereby:

1. Sell, assign and transfer to EMC Corporation, a Massachusetts corporation having a place of business at 176 South Street; Hopkinton, Massachusetts 01748, its successors, assigns and legal representatives, all hereinafter referred to as the Assignee, our entire right, title and interest for the United States and all foreign countries, in and to any and all inventions and designs which are disclosed in the application for United States Letters Patent filed in the United States Patent and Trademark Office on March 31, 2008 under No. 12/059,688, bearing Attorney Docket No. E0295.70345US00, and entitled ASSOCIATING AN IDENTIFIER WITH A CONTENT UNIT, and in and to said application and all non-provisional, divisional, continuing, substitute, renewal, reissue and all other applications for Letters Patent, utility models, industrial designs or similar intellectual property rights which have been or shall be filed in the United States, internationally, and in any foreign country, including but not limited to Japan and Korea, on any of said inventions; and in and to all original and reissued patents which have been or shall be issued in the United States or any other jurisdiction on said inventions, including the right to apply for patent rights in each foreign country and all rights to priority;
2. Agree that said Assignee may apply for and receive Letters Patent and utility model and industrial design registrations for said inventions in its own name; and when requested, without charge to but at the expense of said Assignee, we agree to carry out in good faith the intent and purpose of this assignment, by executing all non-provisional, divisional, continuing, substitute, renewal, reissue, and all other patent, utility model and industrial design applications on any and all said inventions, by executing all rightful oaths, assignments, powers of attorney and other papers, by communicating to said Assignee all facts known to us relating to said inventions and the history thereof, and generally by doing everything reasonably possible which said Assignee shall consider desirable for aiding in securing and maintaining proper protection for said inventions and for vesting title to said inventions and all applications for patents and all patents on said inventions, in said Assignee;
3. Request the Honorable Director of the United States Patent and Trademark Office to issue said Letters Patent to said Assignee;
4. Authorize and request Wolf, Greenfield & Sacks, P.C. to supply any missing patent/application identification information or correct any errors in the patent/application identification information provided above, whether discovered prior to or after recordation;
5. Covenant with said Assignee that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been made to others by us and that full right to convey the same as herein expressed is possessed by us; and
6. Appoint Assignee, through its designee, my attorney-in-fact to execute, in my name and on my behalf, any and all documents required to effectuate this Assignment, specifically including, but not limited to, those documents specified above and any necessary corrective assignments.

This instrument is executed under seal.

Date _____

Inventor: Mark O'Connell _____

Address: Wijngaardstraat 33

764579 Mechelen

BELGIUM

Citizenship: US

STATE/Commonwealth of _____ :

County of _____ :

On this _____ day of _____, 20____, before me, the undersigned notary public, personally appeared _____, proved to me through satisfactory evidence of identification, which were _____, to be the person who signed the preceding or attached document in my presence and swore or affirmed to me that the contents of the document are truthful and accurate to the best of (his) (her) knowledge and belief and acknowledged to me that he signed it voluntarily for its stated purpose.

SEAL _____

Notary Public

My commission expires _____

6/16/08
Date

Michael Kilian
Inventor: Michael Kilian
Address: 25 Candleberry Lane
Harvard, MA 01451
Citizenship: US

COMMONWEALTH OF MASSACHUSETTS
COUNTY OF Worcester:

On this 16th day of June, 2008, before me, the undersigned notary public,
personally appeared Michael Kilian, proved to me through satisfactory evidence of
identification, which were Massachusetts driver's license,
to be the person who signed the preceding or attached document in my presence and swore or affirmed
to me that the contents of the document are truthful and accurate to the best of (his) (her) knowledge
and belief and acknowledged to me that (he) (she) signed it voluntarily for its stated purpose.

SEAL

Nancy R. Lovejoy
Notary Public

My commission expires:

Nancy R. Lovejoy
Notary Public
Commonwealth of Massachusetts
My Commission Expires
July 14, 2011