

PATENT ASSIGNMENT

Electronic Version v1.1
 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
Mark O'CONNELL	09/09/2009
Tom TEUGELS	08/25/2009
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:	12459194
CORRESPONDENCE DATA	
Fax Number:	(508)898-8602
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>	
Phone:	5088988601
Email:	docketing@westboro-ip.com
Correspondent Name:	Muirhead and Saturnelli, LLC
Address Line 1:	1001 Friberg Parkway
Address Line 2:	Suite 1001
Address Line 4:	Westborough, MASSACHUSETTS 01581
ATTORNEY DOCKET NUMBER:	EMS-268US
NAME OF SUBMITTER:	Donald W. Muirhead
<p>Total Attachments: 6 source=EMS-268US, Executed Assignment#page1.tif source=EMS-268US, Executed Assignment#page2.tif</p>	

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**PATENT
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ASSIGNMENT

WHEREAS, we, **Mark O'CONNELL** and **Tom TEUGELS**, 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 **OBJECT LOCATION IN A FEDERATED CAS SYSTEM**, 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 **June 26, 2009** as U.S. Application No. **12/459,194**;
- 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.

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

Date: Sep 9, 2009

Mark O'Connell

Inventor's Signature

Print full name of first inventor:

Mark O'CONNELL

Residence:

18 Phylmor Drive
Westborough, MA 01581-3227

USA

Citizenship:

USA

Mailing Address:

Same

STATE OF Massachusetts
COUNTY OF Worcester

On this 9 day of Sept, 2009, then personally appeared before me the above-named **Mark O'CONNELL** known to me through satisfactory evidence of identification [] employee identification card; [] driver's license; [] (other)

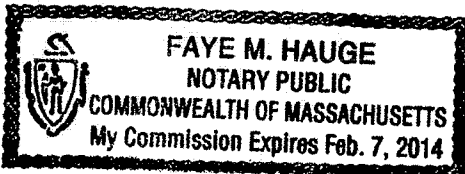
_____ to be the person whose name is subscribed to the foregoing Assignment and acknowledged that he/she executed the same as his/her free act and deed for the purposes therein contained.

Faye M. Hauge

Notary Public

Print Name: FAYE M. HAUGE

My Commission expires: 2-7-2014



Date: _____

Inventor's Signature

Print full name of second inventor: **Tom TEUGELS**
Residence: Rozenlaan 26,
2900 Schoten, BELGIUM
Citizenship: BELGIUM
Mailing Address: Same

I, _____ (name) whose residential address is

_____ was personally present and did see **Tom TEUGELS** (name of person signing the assignment) who is personally known to me, execute the above assignment.

_____ (signature of first witness)

Signed at _____ (location of witness signature)
On this day _____ of 20__ (date of signature)

I, _____ (name) whose residential address is

_____ Was personally present and did see **Tom TEUGELS** (name of person signing the assignment) who is personally known to me, execute the above assignment.

_____ (signature of second witness)

Signed at _____ (location of witness signature)
On this day _____ of 20__ (date of signature)

ASSIGNMENT

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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;

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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:

Mark O'CONNELL

Residence:

18 Phylmor Drive
Westborough, MA 01581-3227

USA

Citizenship:

USA

Mailing Address:

Same

STATE OF _____

COUNTY OF _____

On this ____ day of _____, 2009, then personally appeared before me the above-named **Mark O'CONNELL** 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:

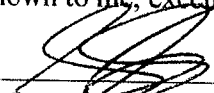
Date: 25 August 2009



Inventor's Signature

Print full name of second inventor: **Tom TEUGELS**
Residence: Rozenlaan 26,
2900 Schoten, BELGIUM
Citizenship: BELGIUM
Mailing Address: Same

I, Inge Scheynen (name) whose residential address is
Rozenlaan 26 2900 Schoten
was personally present and did see **Tom TEUGELS** (name of person signing the assignment)
who is personally known to me, execute the above assignment.



(signature of first witness)

Signed at Schoten (location of witness signature)
On this day August 25 of 2009 (date of signature)

I, Paul Scheynen (name) whose residential address is
Victor Adriensstraat 63 B 2900 SCHOTEN
Was personally present and did see **Tom TEUGELS** (name of person signing the assignment)
who is personally known to me, execute the above assignment.



(signature of second witness)

Signed at Schoten (location of witness signature)
On this day August 25 of 2009 (date of signature)