



ET

103308166

To the Director of the U.S. Patent and Trademark Office: Please record the attached documents or the new address(es) below.

9-12-06

1. Name of conveying party(ies):

Stephen J. Todd (8/10/2006), Michael Kilian (8/10/2006), Tom Teugels (9/8/2006), and Jan F. Van Riel (9/8/2006)

Additional name(s) of conveying party(ies) attached? Yes No

2. Name and address of receiving party(ies)

Name: EMC Corporation

Internal Address: _____

Street Address: _____

176 South Street

City: Hopkinton

State: Massachusetts

Country: United States of America Zip: 01748

Additional name(s) & address(es) attached: Yes No

113010 U.S. PTO
11/519373

091206

3. Nature of conveyance/Execution Date(s):

Execution Date(s): in parentheses after inventor name

Assignment Merger Change of Name

Security Agreement Joint Research Agreement

Government Interest Assignment

Executive Order 9424, Confirmatory License

Other _____

4. Application or patent number(s):

This document is being filed together with a new application.

A. Patent Application No.(s)

B. Patent No.(s)

09/14/2006 MWOLDGE1 00000022 11519373

05 FC:8021

40.00 OP

Additional numbers attached? Yes No

5. Name and address to whom correspondence concerning document should be mailed:

Name: Richard F. Giunta
WOLF, GREENFIELD & SACKS, P.C.

Internal Address: _____

Street Address: Federal Reserve Plaza
600 Atlantic Avenue

City: Boston

State: MA Zip: 02210-2206

Phone Number: (617) 646-8322

Fax Number: (617) 646-8646

Email Address: rgiunta@wolfgreenfield.com

6. Total number of applications and patents involved:

1

7. Total fee (37 CFR 1.21(h) & 3.41) \$ 40.00

Authorized to be charged by credit card

Authorized to be charged to deposit account

Enclosed

None required (government interest not affecting title)

8. Payment information

a. Credit Card Last 4 Numbers _____
Expiration Date _____

b. Deposit Account Number _____
Authorized User Name _____

9. Signature:

Signature

September 12, 2006

Date

Richard F. Giunta - 36,149

Name of Person Signing

Total number of pages including cover sheet, attachments, and documents:

7

Express Mail Label No. EV 744 768 918 US Certificate of Express Mail Under 37 CFR 1.10
Dated: September 12, 2006

ASSIGNMENT

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

1. Sell, assign and transfer to EMC Corporation, a Massachusetts corporation having a place of business at 176 South Street, Hopkinton, MA 01748, its successors, assigns and legal representatives, all hereinafter referred to as the Assignee, my 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 concurrently in the United States Patent and Trademark Office bearing Attorney Docket No. E0295.70293US00, and entitled CONFIGURING A CACHE REPLACEMENT POLICY IN A COMPUTER SYSTEM EMPLOYING OBJECT ADDRESSABLE STORAGE, 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 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, I 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 me 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 me and that full right to convey the same as herein expressed is possessed by me; 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 8/10/2006

Inventor: Stephen J. Todd
Stephen J. Todd

Address: 36 Thomas Farm Circle, Shrewsbury, MA 01545

Citizenship: United States

STATE/Commonwealth of Massachusetts :

County of Worcester :

On this 10 day of August, 2006, before me, the undersigned notary public, personally appeared Stephen J. Todd, proved to me through satisfactory evidence of identification, which were MA 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 Harriet L. Place
Notary Public

My commission expires 05/17/2013

Date 8/10/06

Inventor: Michael Kilian
Michael Kilian

Address: 25 Candleberry Lane, Harvard, MA 01451

Citizenship: United States

STATE/Commonwealth of Massachusetts :

County of Worcester :

On this 10 day of August, 2006, before me, the undersigned notary public, personally appeared Michael Kilian, proved to me through satisfactory evidence of identification, which were MA 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 Harriet L. Place
Notary Public

My commission expires 05/17/2013

Date Inventor: Tom Teugels
Address: Rozenlaan 26, 2900 Schoten, Belgium
Citizenship: Belgium

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) (she) signed it voluntarily for its stated purpose.

SEAL _____
Notary Public

My commission expires _____

Date Inventor: Jan Van Riel
Address: Gooreind 43C, B-2440 Geel, Belgium
Citizenship: The Netherlands

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) (she) signed it voluntarily for its stated purpose.

SEAL _____
Notary Public

My commission expires _____

ASSIGNMENT

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1. Sell, assign and transfer to EMC Corporation, a Massachusetts corporation having a place of business at 176 South Street, Hopkinton, MA 01748, its successors, assigns and legal representatives, all hereinafter referred to as the Assignee, my 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 concurrently in the United States Patent and Trademark Office bearing Attorney Docket No. E0295.70293US00, and entitled CONFIGURING A CACHE REPLACEMENT POLICY IN A COMPUTER SYSTEM EMPLOYING OBJECT ADDRESSABLE STORAGE, 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 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, I 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 me 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 me and that full right to convey the same as herein expressed is possessed by me; 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: Stephen J. Todd
Address: 36 Thomas Farm Circle, Shrewsbury, MA
01545
Citizenship: United States

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) (she) signed it voluntarily for its stated purpose.

SEAL _____
Notary Public

My commission expires _____

Date Inventor: Michael Kilian
Address: 25 Candleberry Lane, Harvard, MA 01451
Citizenship: United States

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) (she) signed it voluntarily for its stated purpose.

SEAL _____
Notary Public

My commission expires _____

Date 8 - sep - 2006

Inventor: *Tom Teugels*

Address: Rozenlaan 26, 2900 Schoten, Belgium

Citizenship: Belgium

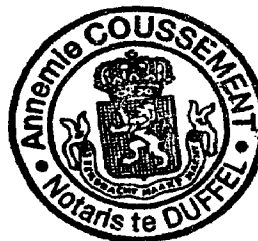
STATE/Commonwealth of BELGIUM :

County of _____ :

On this 8th day of September, 2006, before me, the undersigned notary public, personally appeared Tom Teugels, 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 *[Signature]*
Notary Public

My commission expires 06/31/2034



Date 8 SEP. 2006

Inventor: *Jan Van Riel*

Address: Gooreind 43C, B-2440 Geel, Belgium

Citizenship: The Netherlands

STATE/Commonwealth of BELGIUM :

County of _____ :

On this 8th day of September, 2006, before me, the undersigned notary public, personally appeared Jan Van Riel, 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 *[Signature]*
Notary Public

My commission expires 06/03/2034

