

**ASSIGNMENT RECORDATION COVER SHEET
-PATENTS ONLY-**

To: Honorable Commissioner of Patents and Trademarks:

Please record the attached original document(s) or copy thereof.

1. Name of conveying party(ies)
 - a) Marc Brette
 - b) Bruno Marquie
 - c) Frederic Ciminera
2. Name and address of receiving party(ies):
 - a) Name: EMC Corporation
 - b) Address: 176 South Street, Hopkinton, Massachusetts 01748
3. Nature of conveyance

<input checked="" type="checkbox"/>	Assignment	<input type="checkbox"/>	Merger
<input type="checkbox"/>	Security Agreement	<input type="checkbox"/>	Change of Name
<input type="checkbox"/>	Other _____	<input type="checkbox"/>	License Agreement

Execution Date: March 8, 2007

4. Application Number(s) or Patent Number(s): 11/644, 341

The title of the (new) application is: QUERY TRANSLATION FOR SEARCHING COMPLEX STRUCTURES OF OBJECTS

5. Please send all correspondence concerning this (these) documents to:

**Customer No. 57,255
Van Pelt, Yi & James LLP
10050 N. Foothill Blvd,
Suite 200
Cupertino, CA 95014
408-973-2585**


6. Total number of applications and patents involved: 1

7. Total fee (37 CFR 3.41): \$40.00

- ☐ Enclosed
☒ The USPTO is hereby authorized to charge the fee and any deficiencies to Deposit Account No. 50-0685 (EMCCP170)

8. To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.

Date:


Terrence L. Wong
Registration No. 55, 741

Attorney Docket No. EMCCP170

700316951

PATENT (Registered 01/96)
REEL: 019065 FRAME: 0511

CH \$40.00 500685 11644341

ASSIGNMENT OF PATENT APPLICATION

Whereas I/we the undersigned inventor(s) have invented certain new and useful improvements as set forth in the patent application entitled:

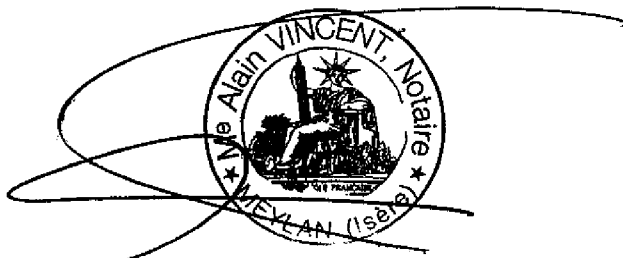
QUERY TRANSLATION FOR SEARCHING COMPLEX STRUCTURES OF OBJECTS

(Attorney Docket No. EMCCP170) for which I (we) have executed an application for a United States Letters Patent:

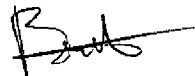
For good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, I/We the undersigned inventor(s) hereby:

- 1) Sell(s), assign(s) and transfer(s) to 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, the entire right title and interest in any and all improvements and inventions disclosed in, application(s) (including foreign applications) based upon, and Patent(s) (including foreign patents) granted upon the information which is disclosed in the above referenced application and/or in any provisional application to which the above referenced application claims priority.
- 2) Authorize and request the Commissioner of Patents to issue any and all Letters Patents resulting from said application or any division(s), continuation(s), substitutes(s) or reissue(s) thereof to the ASSIGNEE.
- 3) Agree to execute all papers and documents and, entirely at the ASSIGNEE's expense, perform any acts which are reasonably necessary in connection with the prosecution of said application, as well as any derivative applications thereof, foreign applications based thereon, and/or the enforcement of patents resulting from such applications.
- 4) Agree that the terms, covenants and conditions of this assignment shall inure to the benefit of the Assignee, its successors, assigns and other legal representative, and shall be binding upon the inventor(s), as well as the inventor's heirs, legal representatives and assigns.
- 5) Warrant and represent that I/we have not entered, and will not enter into any assignment, contract, or understanding that conflicts with this assignment.

Signed on the date(s) indicated beside my (our) signature(s).



Date:

March 8, 2007
Inventor's Signature

Print full name of first inventor:

Marc Brette

Residence:

Domène, France

Citizenship:

France

Mailing Address:

6801 Koll Center Parkway
Pleasanton, CA 94566

STATE/Commonwealth of _____

COUNTY OF _____

Then personally appeared before me the above-named Inventor's Signature and acknowledged that he/she executed the foregoing instrument as his/her free act and deed this _____ day of _____, 2006.

Notary Public

Alain VINCENT

Print Name:

NOTAIRE BP 82

My Commission expires ____/____/____

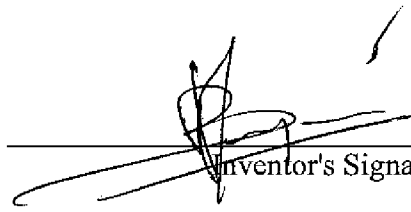
38243 MEYLAN CEDEX

Je soussigné, Me Alain VINCENT, Notaire
Associé à MEYLAN (Isère), certifie
sincère et véritable la signature
de M. Marc BRETTE

A Meylan
Le 8 mars 2007



Date:

March 8, 2007
Inventor's Signature

Print full name of first inventor:

Bruno Marquié

Residence:

St. Martin d'Hères, France

Citizenship:

France

Mailing Address:

6801 Koll Center Parkway
Pleasanton, CA 94566

STATE/Commonwealth of _____

COUNTY OF _____

Then personally appeared before me the above-named Inventor's Signature and acknowledged that he/she executed the foregoing instrument as his/her free act and deed this _____ day of _____, 2006.

Alain VINCENT

Notary Public

NOTAIRE BP 82

Print Name:

38243 MEYLAN CEDEX


My Commission expires ___ / ___ / ___

Je soussigné, Me Alain VINCENT, Notaire
Associé à MEYLAN (Isère), certifie
sincère et véritable la signature
de M. Bruno MARQUIÉ

A. Vincent
Le 8 mars 2007



Date: March 8, 2007



Inventor's Signature

Print full name of first inventor:

Frédéric Ciminera

Residence:

Meylan, France

Citizenship:

France

Mailing Address:

6801 Koll Center Parkway
Pleasanton, CA 94566

STATE/Commonwealth of _____

COUNTY OF _____

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Alain VINCENT

Notary Public

NOTAIRE BP 82

Print Name:

38243 MEYLAN CEDEX

My Commission expires _____

Je soussigné, Me Alain VINCENT, Notaire
Associé à MEYLAN (Isère), certifie
sincère et véritable la signature
de M. Frédéric CIMINERA

A Meylan
le 8 mars 2007

