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FORM PTO-1619A
Expires 06/30/99
OMB 0651-0027



U.S. Department of Commerce
Patent and Trademark Office
PATENT

101602588

1-23-01

**RECORDATION FORM COVER SHEET
PATENTS ONLY**

TO: The Commissioner of Patents and Trademarks: Please record the attached original document(s) or copy(ies).

Submission Type

New

Resubmission (Non-Recordation)
Document ID#

Correction of PTO Error
Reel # Frame #

Corrective Document
Reel # Frame #

Conveyance Type

Assignment Security Agreement

License Change of Name

Merger Other

U.S. Government
(For Use ONLY by U.S. Government Agencies)

Departmental File Secret File

Conveying Party(ies)

Mark if additional names of conveying parties attached

Execution Date
Month Day Year

Name (line 1)

Name (line 2)

Second Party

Execution Date
Month Day Year

Name (line 1)

Name (line 2)

Receiving Party

Mark if additional names of receiving parties attached

Name (line 1)

Name (line 2)

Address (line 1)

Address (line 2)

Address (line 3)

City

State/Country

Zip Code

If document to be recorded is an assignment and the receiving party is not domiciled in the United States, an appointment of a domestic representative is attached. (Designation must be a separate document from Assignment.)

Domestic Representative Name and Address

Enter for the first Receiving Party only.

Name

Address (line 1)

Address (line 2)

Address (line 3)

Address (line 4)

FOR OFFICE USE ONLY

Public burden reporting for this collection of information is estimated to average approximately 30 minutes per Cover Sheet to be recorded, including time for reviewing the document and gathering the data needed to complete the Cover Sheet. Send comments regarding this burden estimate to the U.S. Patent and Trademark Office, Chief Information Officer, Washington, D.C. 20231 and to the Office of Information and Regulatory Affairs, Office of Management and Budget, Paperwork Reduction Project (0651-0027), Washington, D.C. 20503. See OMB Information Collection Budget Package 0651-0027, Patent and Trademark Assignment Practice. DO NOT SEND REQUESTS TO RECORD ASSIGNMENT DOCUMENTS TO THIS ADDRESS.

Mail documents to be recorded with required cover sheet(s) information to:
Commissioner of Patents and Trademarks, Box Assignments, Washington, D.C. 20231

PATENT
REEL: 011472 FRAME: 0001

RECORDATION FORM COVER SHEET
CONTINUATION
PATENTS ONLY

Conveying Party(ies)

Mark if additional names of conveying parties attached

Enter additional Conveying Parties

Name (line 1) Kenneth Halligan

Execution Date
Month Day Year
1/8/01

Name (line 2)

Name (line 1) Ishay Kedem

Execution Date
Month Day Year
1/8/01

Name (line 2)

Name (line 1) Hana Moreshet

Execution Date
Month Day Year
1/8/01

Name (line 2)

Receiving Party(ies)

Mark if additional names of receiving parties attached

Enter additional Receiving Party(ies)

Name (line 1)

Name (line 2)

Address (line 1)

Address (line 2)

Address (line 3) City State/Country Zip Code

If document to be recorded is an assignment and the receiving party is not domiciled in the United States, an appointment of a domestic representative is attached. (Designation must be a separate document from Assignment.)

Name (line 1)

Name (line 2)

Address (line 1)

Address (line 2)

Address (line 3) City State/Country Zip Code

If document to be recorded is an assignment and the receiving party is not domiciled in the United States, an appointment of a domestic representative is attached. (Designation must be a separate document from Assignment.)

Application Number(s) or Patent Number(s)

Mark if additional numbers attached

Enter either the Patent Application Number or the Patent Number (DO NOT ENTER BOTH numbers for the same property).

Patent Application Number(s)

Patent Number(s)

**RECORDATION FORM COVER SHEET
CONTINUATION
PATENTS ONLY**

Conveying Party(ies)

Mark if additional names of conveying parties attached

Enter additional Conveying Parties

Name (line 1)

Execution Date
Month Day Year

Name (line 2)

Execution Date
Month Day Year

Name (line 1)

Name (line 2)

Execution Date
Month Day Year

Name (line 1)

Name (line 2)

Receiving Party(ies)

Mark if additional names of receiving parties attached

Enter additional Receiving Party(ies)

Name (line 1)

If document to be recorded is an assignment and the receiving party is not domiciled in the United States, an appointment of a domestic representative is attached. (Designation must be a separate document from Assignment.)

Name (line 2)

Address (line 1)

Address (line 2)

Address (line 3)
City State/Country Zip Code

Name (line 1)

If document to be recorded is an assignment and the receiving party is not domiciled in the United States, an appointment of a domestic representative is attached. (Designation must be a separate document from Assignment.)

Name (line 2)

Address (line 1)

Address (line 2)

Address (line 3)
City State/Country Zip Code

Application Number(s) or Patent Number(s)

Mark if additional numbers attached

Enter either the Patent Application Number or the Patent Number (DO NOT ENTER BOTH numbers for the same property).

Patent Application Number(s)

Patent Number(s)

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<input type="text"/>	<input type="text"/>	<input type="text"/>

Correspondent Name and Address

Area Code and Telephone Number

Name

Address (line 1)

Address (line 2)

Address (line 3)

Address (line 4)

Pages

Enter the total number of pages of the attached conveyance document including any attachments. #

Application Number(s) or Patent Number(s)

Mark if additional numbers attached

Enter either the Patent Application Number or the Patent Number (DO NOT ENTER BOTH numbers for the same property).

Patent Application Number(s)

Patent Number(s)

If this document is being filed together with a new Patent Application, enter the date the patent application was signed by the first named executing inventor. Month Day Year

Patent Cooperation Treaty (PCT)

Enter PCT application number only if a U.S. Application Number has not been assigned.

PCT

PCT

PCT

PCT

PCT

PCT

Number of Properties

Enter the total number of properties involved. #

Fee Amount

Fee Amount for Properties Listed (37 CFR 3.41): \$

Method of Payment:
Deposit Account

Enclosed Deposit Account

(Enter for payment by deposit account or if additional fees can be charged to the account.)

Deposit Account Number: #

Authorization to charge additional fees: Yes No

Statement and Signature

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. Charges to deposit account are authorized, as indicated herein.

George A. Herbster
Name of Person Signing


Signature

1/14/2001
Date

ASSIGNMENT

WHEREAS We, **Arieh Don** of **17 Gardner Road, #2, Brookline, Massachusetts 02445** and **Mathieu Gagne** of **43 Joy Street, Apt. 5, Boston, Massachusetts 02114** and **Kenneth Halligan** of **120 Revolution Drive, Leominster, Massachusetts 01453** and **Ishay Kedem** of **9 Columbia Street, Brookline, Massachusetts 02446** and **Hana Moreshet** of **15 Bellwood Way, Framingham, Massachusetts 01701** and **Alexandr Veprinsky** of **145 Babcock Street, Brookline, Massachusetts 02446** and **Natan Vishlitzky** of **87 Clinton Road, Brookline, Massachusetts 02445**, citizens of **Israel** and **Canada** and the **United States of America** and **Israel** and the **United States of America** and **Israel** and **Israel**, ^{UNITED STATES OF AMERICA} respectively (hereinafter called **Assignors**) have invented certain new and useful improvements in **A METHOD AND APPARATUS FOR RECONFIGURING STRIPED LOGICAL DEVICES IN A DISK ARRAY STORAGE** for which an application for United States Letters Patent was filed on September 29, 2000, Serial No. 09/676,709; and

WHEREAS **EMC Corporation**, a corporation duly organized under the Laws of the **Commonwealth of Massachusetts**, located at **171 South Street, Hopkinton, County of Middlesex, Massachusetts**, is desirous of acquiring the entire right, title and interest in and to said invention and in and to any Letters Patent that may be granted therefor in the United States and in any and all foreign countries;

NOW, THEREFORE, in consideration of Ten (\$10.00) Dollars, the receipt of which is hereby acknowledged, and other good and valuable consideration, **Assignors** have sold, assigned and transferred and by these presents do sell, assign and transfer unto the said **EMC Corporation**, its successors and assigns the full and exclusive right, title and interest in and to said invention and in and to said patent application in the United States of America and its territorial possessions and in any and all foreign countries and the entire right, title and interest in and to any and all Letters Patent

which may be granted therefor in the United States of America or in any and all said foreign countries and in and to any and all divisions, continuations, renewals, substitutions or reissues and extensions thereof for the full term or terms for which the same may be granted;

Assignors hereby covenant that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this assignment and sale;

Assignors hereby authorize and request the Patent and Trademark Office officials in the United States of America and any and all foreign countries to issue any and all of said Letters Patent, when granted, to said **EMC Corporation** as the assignee of **Assignors'** entire right, title and interest in and to the same for the sole use and behoof of said **EMC Corporation**, its successors and assigns to the full end of the term for which any of said Letters Patent may be granted as fully and entirely as the same would have been held by **Assignors** had this assignment and sale not been made;

Further, **Assignors** agree to communicate to **EMC Corporation** or its representatives any facts known to **Assignors** respecting said invention, to testify in any legal proceeding, to sign all lawful papers, to execute all divisional, continuation, substitution, renewal and reissue applications, to execute all necessary assignment papers to cause any and all of said Letters Patent to be issued to said **EMC Corporation**, to make all rightful oaths and generally to do everything possible to aid said **EMC Corporation**, its successors and assigns to obtain and enforce proper protection for said invention in the United States of America and in any and all foreign countries without further compensation, but at the expense of **EMC Corporation**, its successors, assigns or other legal representatives; and

Assignors hereby appoint the Secretary or any other officer of **EMC Corporation** as **Assignors'** attorney-in-fact and agent to execute all documents required or appropriate to perfect or enforce all rights assigned under this Agreement and further authorizes **Assignors'** attorney and attorneys and the attorney and attorneys for **EMC Corporation** to register this assignment in any and all countries.

IN TESTIMONY WHEREOF **Arieh Don Mathieu Gagne Kenneth Halligan Ishay Kedem Hana Moreshet Alexandr Veprinsky and Natan Vishlitzky** have hereunto set their hands and seals this 8th day of January, 2001, this 9th day of January, 2001, this 8th day of January, 2001, this 8th day of January, 2001, this 8th day of January, 2001, this 9th day of January, 2001, and this 9th day of January, 2001.



Arieh Don



Mathieu Gagne



Kenneth Halligan

Ishay Kedem

Hana Moreshet

Alexandr Veprinsky

Natan Vishlitzky

Commonwealth of Massachusetts)
Middlesex County) ss:

Before me personally appeared the above named **Arieh Don** on the date aforesaid, known to me to be the person described herein, who executed the foregoing instrument before me and acknowledged the same to be his free act and deed.

(Notarial Seal)

Notary Public

My commission expires: 9.4.2003

Commonwealth of Massachusetts)
) ss:
Middlesex County)

Before me personally appeared the above named **Mathieu Gagne** on the date aforesaid, known to me to be the person described herein, who executed the foregoing instrument before me and acknowledged the same to be his free act and deed.

(Notarial Seal)

Nancy E. Buck
Notary Public

My commission expires: 9-4-2003

Commonwealth of Massachusetts)
) ss:
Middlesex County)

Before me personally appeared the above named **Kenneth Halligan** on the date aforesaid, known to me to be the person described herein, who executed the foregoing instrument before me and acknowledged the same to be his free act and deed.

(Notarial Seal)

Nancy E. Buck
Notary Public

My commission expires: 9.4.2003

Commonwealth of Massachusetts)
) ss:
Middlesex County)

Before me personally appeared the above named **Ishay Kedem** on the date aforesaid, known to me to be the person described herein, who executed the foregoing instrument before me and acknowledged the same to be his free act and deed.

(Notarial Seal)

Nancy E. Buck
Notary Public

My commission expires: 9-4-2003

Commonwealth of Massachusetts)
) ss:
Middlesex County)

Before me personally appeared the above named **Hana Moreshet** on the date aforesaid, known to me to be the person described herein, who executed the foregoing instrument before me and acknowledged the same to be her free act and deed.

(Notarial Seal)

Nancy E. Buck
~~NEB~~
Notary Public

My commission expires: 9-4-2003

Commonwealth of Massachusetts)
) ss:
Middlesex County)

Before me personally appeared the above named **Alexandr Veprinsky** on the date aforesaid, known to me to be the person described herein, who executed the foregoing instrument before me and acknowledged the same to be his free act and deed.

(Notarial Seal)

Nancy E. Buck
Notary Public

My commission expires: 9-4-03

Commonwealth of Massachusetts)
) ss:
Middlesex County)

Before me personally appeared the above named **Natan Vishlitzky** on the date aforesaid, known to me to be the person described herein, who executed the foregoing instrument before me and acknowledged the same to be his free act and deed.

(Notarial Seal)

Nancy E. Buck
Notary Public

My commission expires: 9/4/2003