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101646420

PT

U.S. DEPARTMENT OF COMMERCE

Patent and Trademark Office

Docket No.: EMS-01401

## 1. Name of conveying party(ies):

Robert S. MASON, Jr., Daniel P. LEPROHON and  
Eitan BACHMAT

Additional name(s) of conveying party(ies) attached?

Yes \_\_\_ No ☒

Nature of conveyance:

(X) Assignment                      ( ) Merger  
 ( ) Security Agreement            ( ) Change of Name  
 ( ) Other:

Execution Date: January 3, 2001 and December 25, 2000

## 2. Name and address of receiving party(ies)

Name: EMC Corporation

Internal Address: \_\_\_\_\_

Street Address: 35 Parkwood Drive  
 Hopkinton, MA 01748

Additional name(s) & address(es) attached? Yes \_\_\_ No ☒

10912 U.S. PTO  
 09/754860  
 01/04/01

09754860

## 3. Application number(s) or patent number(s):

If this document is being filed together with a new application, the execution date of the applications is: January 3, 2001  
 and December 25, 2000

## A. Patent Application No.(s)

## B. Patent No.(s)

Additional numbers attached? Yes \_\_\_ No ☒

## 4. Name and address of party to whom correspondence concerning document should be mailed:

Name: Patent Group  
 Internal Address: Hutchins, Wheeler & Dittmar  
 Street Address: 101 Federal Street  
 City: Boston State: MA ZIP: 02110

## 5. Total number of applications and patents involved: 1

6. Total fee (37 CFR 3.41).....\$ \$40.00  
 (X) Enclosed

## 7. Deposit account number:

(Attached duplicate copy of this page if paying by deposit  
 account)

DO NOT USE THIS SPACE

## 8. 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.

Donald W. Muirhead; 33,978

Name of Person Signing

Signature

January 4, 2001

Date

Total number of pages including cover sheet, attachments, and document: 4

Mail documents to be recorded with required covered sheet information to:  
 Commissioner of Patents & Trademarks, Box Assignments  
 Washington, D.C. 20231



26339

PATENT, TRADEMARK OFFICE

**ASSIGNMENT**

WHEREAS, WE, Robert S. Mason, Jr., Eitan Bachmat and Daniel P. Leprohon of Uxbridge, Massachusetts, Lehavim, Israel and Oxford, Massachusetts, respectively, have developed certain inventions described in a patent application titled: UTILIZING DISK CACHE AS PART OF DISTRIBUTED CACHE executed on even date herewith; and have full right to convey the entire right title and interest, both legal and equitable, in and to said inventions, free from all prior assignments, agreements, licenses, mortgages, security interests, or other encumbrances whatsoever; and

WHEREAS, EMC Corporation ("Assignee"), having a principal place of business at 35 Parkwood Drive, Hopkinton, Massachusetts 01748, is desirous of acquiring the entire right, title and interest in and to said invention or inventions and any and all patents to be obtained therefor;

NOW, THEREFORE, in consideration of One Dollar (\$1.00) and other good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged by the undersigned, the undersigned do hereby sell, assign, transfer and set over unto said Assignee, its successors and assigns, their entire right, title and interest throughout the world in and to said invention or inventions, as described in the aforesaid application, in any form or embodiment thereof, and in and to the aforesaid application; and in and to any application filed in any foreign country based thereon, including the right to file said foreign applications and claim priority under the provisions of any international convention or treaty; also the entire right, title and interest throughout the world in and to any and all patents or reissues or extensions thereof to be obtained in this or any foreign country upon said invention or inventions and any divisional, continuation, continuation-in-part or substitute applications which may be filed upon said invention or inventions in this or any foreign country; and the undersigned hereby authorize and request the issuing authority to issue any and all patents on said application or applications to said Assignee or its successors and assigns.

The undersigned further agree, without any further payment or compensation by said Assignee or its successors and assigns, to communicate to said Assignee, its representatives or agents or its successors and assigns, any facts relating to said invention or inventions including evidence for interference purposes or for other legal proceedings whenever requested; testify in any interference or other legal proceedings, whenever requested; execute and deliver, on request, all lawful papers required to make any of the foregoing provisions effective; and generally do everything possible to aid said Assignee, its successors or assigns and nominees to secure, obtain and enforce proper patent protection for said invention or inventions in this or any foreign country.

IN TESTIMONY WHEREOF, the undersigned have hereunto set their hands and seals on the date after their signatures.

Robert S. Mason, Jr.  
Robert S. Mason, Jr.

1/3/01  
(date)

Commonwealth of Massachusetts

County of MIDDLESEX

On this 3rd day of JANUARY, 2001 before me personally appeared Robert S. Mason, Jr. to me personally known, and known to me to be the person who signed the foregoing assignment and acknowledged the signing of same as his free act and deed.

Angela E. Muise  
Notary Public

My Commission Expires: ANGELA E. MUISE  
Notary Public  
My Commission Expires February 12, 2004

Eitan Bachmat  
State of \_\_\_\_\_

(date)  
County of \_\_\_\_\_

On this \_\_\_\_\_ day of \_\_\_\_\_, 2001 before me personally appeared Eitan Bachmat to me personally known, and known to me to be the person who signed the foregoing assignment and acknowledged the signing of same as his free act and deed.

Notary Public

My Commission Expires: \_\_\_\_\_

Daniel P. Leprohon  
Daniel P. Leprohon

1/3/01  
(date)

Commonwealth of Massachusetts

County of MIDDLESEX

On this 3rd day of JANUARY, 2001 before me personally appeared Daniel P. Leprohon to me personally known, and known to me to be the person who signed the foregoing assignment and acknowledged the signing of same as his free act and deed.

Angela E. Muise  
Notary Public

My Commission Expires: \_\_\_\_\_

**ANGELA E. MUISE**  
Notary Public  
My Commission Expires February 12, 2004

מס' 363/00 No.

## אימות חתימה

אני הח"מ שרגא שורץ נוטריון ברח' ז'בוטינסקי 5 רמת-גן 52520 טל' 03-5754255

מאשר כי ביום 25.12.2000 ניצב לפני

מר איתן בכמט

שהותו הוכחה לי על פי ת.ז. מס' 05883983-8 שהוצאה ע"י משרד הפנים בירושלים ביום 26.10.88

וחתם מרצונו החופשי על המסמך המצורף והמסומן אות "A"

ולראיה הנני מאמת את חתימתו של:

מר איתן בכמט

בחתימת ידי ובחותמי, היום 25.12.2000

## AUTHENTICATION OF SIGNATURE

I the undersigned **Schraga Schwartz** Notary at 5, Jabotinski St. Ramat-Gan 52520  
Israel Tel. 03-5754255

Hereby certify that on December 25<sup>th</sup> 2000 there appeared before me,

Mr. EITAN BACHMAT

Whose identity was proved to me by Identity Booklet No. 05883983-8 issued by Ministry of  
the Interior at Jerusalem on October 26<sup>th</sup> 1988

And signed of his own free will the annexed document marked "A"

In witness whereof I hereby authenticate the signature of:

Mr. EITAN BACHMAT

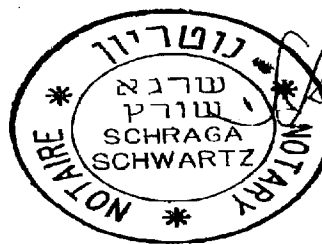
By my own signature and seal this December 25<sup>th</sup> 2000

N.I.S. 6/4 Fees, Including V.A.T. Paid

שכר בסך 6/4 ש"ח, כולל מע"מ, שולם

Notary's seal  
Signature

חותם  
חתימה



**ASSIGNMENT**

Page 1

Docket Number: EMS-0

WHEREAS, WE, Robert S. Mason, Jr., Daniel P. Leprohon and Eitan Bachmat of Uxbridge, Massachusetts, Oxford, Massachusetts and Lehavim, Israel, respectively, have developed certain inventions described in a patent application titled: **UTILIZING DISK CACHE AS PART OF DISTRIBUTED CACHE** executed on even date herewith; and have full right to convey entire right, title and interest, both legal and equitable, in and to said inventions, free from all prior assignments, agreements, licenses, mortgages, security interests, or other encumbrances whatsoever; and

WHEREAS, EMC Corporation ("Assignee"), having a principal place of business at 35 Parkwood Drive, Hopkinton, Massachusetts 01748, is desirous of acquiring the entire right, title and interest in and to said invention or inventions and any and all patents to be obtained therefor;

NOW, THEREFORE, in consideration of One Dollar (\$1.00) and other good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged by the undersigned, the undersigned do hereby sell, assign, transfer and set over unto said Assignee, its successors and assigns, their entire right, title and interest throughout the world in and to said invention or inventions, as described in the aforesaid application, in any form or embodiment thereof, and in and to the aforesaid application; and to any application filed in any foreign country based thereon, including the right to file said foreign applications and claim priority under the provisions of any international convention or treaty; also the entire right, title and interest throughout the world in and to all patents or reissues or extensions thereof to be obtained in this or any foreign country upon said invention or inventions and all divisional, continuation, continuation-in-part or substitute applications which may be filed upon said invention or inventions in this or any foreign country; and the undersigned hereby authorize and request the issuing authority to issue any and all patents on said application or applications to said Assignee or its successors and assigns.

The undersigned further agree, without any further payment or compensation by said Assignee or its successors and assigns, to communicate to said Assignee, its representatives or agents or its successors and assigns, any facts relating to said invention or inventions including evidence for interference purposes or for other legal proceedings whenever requested; testify in any interference or other legal proceedings, whenever requested; execute and deliver, on request, all lawful papers required to make any of the foregoing provisions effective; and generally do everything possible to aid said Assignee, its successors or assigns and nominees to secure, obtain and enforce proper patent protection for said invention or inventions in this or any foreign country.

IN TESTIMONY WHEREOF, the undersigned have hereunto set their hands and seals on the date after their signatures.

Robert S. Mason, Jr.

(date)

Commonwealth of Massachusetts

County of \_\_\_\_\_

On this \_\_\_\_ day of December, 2000 before me personally appeared Robert S. Mason, Jr. to me personally known, and known to me to be the person who signed the foregoing assignment and acknowledged the signing of same as his free act and deed.

Notary Public

My Commission Expires: \_\_\_\_\_

Daniel P. Leprohon

(date)

Commonwealth of Massachusetts

County of \_\_\_\_\_

On this \_\_\_\_ day of December, 2000 before me personally appeared Daniel P. Leprohon to me personally known, and known to me to be the person who signed the foregoing assignment and acknowledged the signing of same as his free act and deed.

Notary Public

My Commission Expires: \_\_\_\_\_

Eitan Bachmat

(date)

State of \_\_\_\_\_

County of \_\_\_\_\_

On this \_\_\_\_ day of December, 2000 before me personally appeared Eitan Bachmat to me personally known, and known to me to be the person who signed the foregoing assignment and acknowledged the signing of same as his free act and deed.

Notary Public

My Commission Expires: \_\_\_\_\_