

PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT										
NATURE OF CONVEYANCE:	ASSIGNMENT										
CONVEYING PARTY DATA											
<table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th style="width:70%;">Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>David Meiri</td> <td>01/22/2001</td> </tr> <tr> <td>Dan Arnon</td> <td>04/18/2001</td> </tr> <tr> <td>Mark J. Halstead</td> <td>01/22/2001</td> </tr> <tr> <td>Peter Kamvysselis</td> <td>01/22/2001</td> </tr> </tbody> </table>		Name	Execution Date	David Meiri	01/22/2001	Dan Arnon	04/18/2001	Mark J. Halstead	01/22/2001	Peter Kamvysselis	01/22/2001
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David Meiri	01/22/2001										
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Peter Kamvysselis	01/22/2001										
RECEIVING PARTY DATA											
Name:	EMC Corporation										
Street Address:	171 South Street										
City:	Hopkinton										
State/Country:	MASSACHUSETTS										
Postal Code:	01748										
PROPERTY NUMBERS Total: 1											
<table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th style="width:30%;">Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>11083486</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	11083486						
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Application Number:	11083486										
CORRESPONDENCE DATA											
Fax Number:	(508)898-8602										
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>											
Phone:	(508) 898-8601										
Email:	bjr@westboro-ip.com										
Correspondent Name:	Donald W. Muirhead										
Address Line 1:	Muirhead and Saturnelli, LLC										
Address Line 2:	200 Friberg Parkway, Suite 1001										
Address Line 4:	Westborough, MASSACHUSETTS 01581										
ATTORNEY DOCKET NUMBER:	EMS-09402										
NAME OF SUBMITTER:	Donald W. Muirhead										

OP \$40.00 11083486

Total Attachments: 10

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ASSIGNMENT

For valuable consideration, we, DAVID MEIRI of 47 Saint Botolph Street #3, Boston, MA 02116, DAN ARNON of 86 Marlborough Street, Boston, MA 02116, MARK J. HALSTEAD of 81 Rich Street, Waltham, MA 02451, PETER KAMVYSSELIS of 345 Commonwealth Avenue #7, Boston, MA 02115, hereby assign to EMC CORPORATION, a MASSACHUSETTS corporation having a place of business at 171 South Street, Hopkinton, MA 01748-9103 and its successors (collectively hereinafter called "the Assignee") the entire right, title and interest throughout the world in the inventions and improvements which are subject of an application for United States Patent signed by us, entitled SCANNING A MESSAGE-LIST, filed January 24, 2001 and assigned U.S. Serial Number 09/768,994 and we authorize and request the attorneys appointed in said application to hereafter complete this assignment by inserting above the filing date and serial number of said application when known; this assignment including said application, any and all United States and foreign patents, utility models, and design registrations granted for any of said inventions or improvements, and the right to claim priority based on the filing date of said application under the International Convention for the Protection of Industrial Property, the Patent Cooperation Treaty, the European Patent Convention, and all other treaties of like purposes; and we authorize the Assignee to apply in all countries in our name or in its own name for patents, utility models, design registrations and like rights of exclusion and for inventors' certificates for said inventions and improvements; and we agree for ourselves and our respective heirs, legal representatives and assigns, without further compensation to perform such lawful acts and to sign such further applications, assignments, Preliminary Statements and other lawful documents as the Assignee may reasonably request to effectuate fully this assignment.

IN WITNESS WHEREOF, I hereto set my hand and seal at _____,
this _____ day of _____, 20____

DAVID MEIRI L.S.

State of _____ :
: ss.
County of _____ :

Before me this _____ day of _____, 20____, personally
appeared DAVID MEIRI known to me to be the person whose name is subscribed to the
foregoing Assignment and acknowledged that he executed the same as his free act and deed for
the purposes therein contained.

Notary Public
My Commission Expires:

[Notary's Seal Here]

IN WITNESS WHEREOF, I hereto set my hand and seal at Hopkinton, Massachusetts
this 18th day of April, 2001

Dan Arnon _____ L.S.
DAN ARNON

State of Massachusetts :
: ss.

County of Middlesex :

Before me this 18th day of April, 2001, personally
appeared DAN ARNON known to me to be the person whose name is subscribed to the
foregoing Assignment and acknowledged that he executed the same as his free act and deed for
the purposes therein contained.

Angela E. Muise

Notary Public

My Commission Expires:

ANGELA E. MUISE
Notary Public

My Commission Expires February 12, 2004

[Notary's Seal Here]

IN WITNESS WHEREOF, I hereto set my hand and seal at _____,
this _____ day of _____, 20_____

MARK J. HALSTEAD L.S.

State of _____ :
: ss.
County of _____ :

Before me this _____ day of _____, 20_____, personally
appeared MARK J. HALSTEAD known to me to be the person whose name is subscribed to the
foregoing Assignment and acknowledged that he executed the same as his free act and deed for
the purposes therein contained.

Notary Public
My Commission Expires:

[Notary's Seal Here]

IN WITNESS WHEREOF, I hereto set my hand and seal at _____,
this _____ day of _____, 20____

PETER KAMVYSSELIS L.S.

State of _____ :
: ss.
County of _____ :

Before me this _____ day of _____, 20____, personally
appeared PETER KAMVYSSELIS known to me to be the person whose name is subscribed to
the foregoing Assignment and acknowledged that he executed the same as his free act and deed
for the purposes therein contained.

Notary Public
My Commission Expires:

[Notary's Seal Here]

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ASSIGNMENT

For valuable consideration, we, DAVID MEIRI of 47 Saint Botolph Street #3, Boston, MA 02116, DAN ARNON of 86 Marlborough Street, Boston, MA 02116, MARK J. HALSTEAD of 81 Rich Street, Waltham, MA 02451, PETER KAMVYSSELIS of 345 Commonwealth Avenue #7, Boston, MA 02115, hereby assign to EMC CORPORATION, a MASSACHUSETTS corporation having a place of business at 171 South Street, Hopkinton, MA 01748-9103 and its successors (collectively hereinafter called "the Assignee") the entire right, title and interest throughout the world in the inventions and improvements which are subject of an application for United States Patent signed by us, entitled SCANNING A MESSAGE-LIST, filed _____ and assigned U.S. Serial Number _____, and we authorize and request the attorneys appointed in said application to hereafter complete this assignment by inserting above the filing date and serial number of said application when known; this assignment including said application, any and all United States and foreign patents, utility models, and design registrations granted for any of said inventions or improvements, and the right to claim priority based on the filing date of said application under the International Convention for the Protection of Industrial Property, the Patent Cooperation Treaty, the European Patent Convention, and all other treaties of like purposes; and we authorize the Assignee to apply in all countries in our name or in its own name for patents, utility models, design registrations and like rights of exclusion and for inventors' certificates for said inventions and improvements; and we agree for ourselves and our respective heirs, legal representatives and assigns, without further compensation to perform such lawful acts and to sign such further applications, assignments, Preliminary Statements and other lawful documents as the Assignee may reasonably request to effectuate fully this assignment.

IN WITNESS WHEREOF, I hereto set my hand and seal at Hopkinton, MA,
this 22 day of JAN, 2001

D. Meiri L.S.
DAVID MEIRI

State of Massachusetts

County of Middlesex :ss.

Before me this 22 day of January, 2001, personally
appeared DAVID MEIRI known to me to be the person whose name is subscribed to the
foregoing Assignment and acknowledged that he executed the same as his free act and deed for
the purposes therein contained.

Nancy E. Buck
Notary Public
My Commission Expires: 9-4-2003

[Notary's Seal Here]

IN WITNESS WHEREOF, I hereto set my hand and seal at _____,
this _____ day of _____, 20_____

DAN ARNON L.S.

State of _____ :

: ss.

County of _____ :

Before me this _____ day of _____, 20_____, personally
appeared DAN ARNON known to me to be the person whose name is subscribed to the
foregoing Assignment and acknowledged that he executed the same as his free act and deed for
the purposes therein contained.

Notary Public

My Commission Expires:

[Notary's Seal Here]

IN WITNESS WHEREOF, I hereto set my hand and seal at 171 South St. Hopkinton, MA
this 22 day of January, 2001

Mark J. Halstead L.S.
MARK J. HALSTEAD

State of Massachusetts
County of Middlesex : ss.

Before me this 22 day of January, 2001, personally
appeared MARK J. HALSTEAD known to me to be the person whose name is subscribed to the
foregoing Assignment and acknowledged that he executed the same as his free act and deed for
the purposes therein contained.

Nancy E. Buck
Notary Public
My Commission Expires:

[Notary's Seal Here]

IN WITNESS WHEREOF, I hereto set my hand and seal at

1171 South St.
Hopkinton, MA

this 22nd day of JANUARY, 2001

Peter Kamvysselis L.S.
PETER KAMVYSSELIS

State of Massachusetts

County of Middlesex : ss.

Before me this 22 day of January, 2001, personally appeared PETER KAMVYSSELIS known to me to be the person whose name is subscribed to the foregoing Assignment and acknowledged that he executed the same as his free act and deed for the purposes therein contained.

Nancy E. Buck
Notary Public
My Commission Expires: 9-4-2003

[Notary's Seal Here]

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