

Atty Dkt No.:

EMC2-143PUS

Tab settings □ □ □ ▼	U.S. DEPARTMENT OF COMMERCE U.S. Patent and Trademark Office  V V V Please record the attached original documents or copy thereof.  2. Name and address of receiving party(ies)	
John K. Walton, Ofer Porat, Christopher S. MacLellan, Daniel Castel, Kendell A. Chilton, Brian K. Campbell, Gregory S. Robidoux, and Brian D. Magnuson  Additional name(s) of conveying party(ies) attached?  Yes X No	Name: EMC Corporation	
3. Nature of conveyance:	Street Address: 176 South Street	
Execution Date: 6/24/03, 6/19/03, 6/19/03, 6/24/03, 6/24/03, 6/19/03, 6/19/03, 6/24/03	City: Hopkinton State: MA Zip: 01748-9103  Additional name(s) & address(es) attached?   Yes  No	
4. Application number(s) or patent number(s):  6/24/03, 6/19/03, 6		
Additional numbers attached?  Yes No		
Name and address of party to whom correspondence concerning document should be mailed:      Name: Richard M. Sharkansky	6. Total number of applications and patents involved: 1  7. Total fee (37 CFR 3.41)\$\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\	
Street Address: 275 Turnpike Street, Suite 101	8. Deposit account number:50-0845	
City: Canton State: MA Zip: 02021-2354	(Attach duplicate copy of this page if paying by deposit account)	
9. Statement and signature.  To the best of my knowledge and belief, the foregoing is a true copy of the original document.  Richard M. Sharkansky Reg. No. 25,800  Name of Person Signing	information is true and correct and any attached copy  Signature  Date  er sheet, attachments, and documents: 10	

Commissioner of Patents & Trademarks, Box Assignments Washington, D.C. 20231

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**PATENT** 

**REEL: 014239 FRAME: 0775** 

## ASSIGNMENT

Whereas we, the undersigned,	John K. Walton, Ofer Porat, Christop	her S. MacLellan, Daniel Castel,	
Kendell A. Chilton, Brian K. G	Campbell, Gregory S. Robidoux, and	Brian D. Magnuson, hereby have	
made certain inventions or discoveries (or both) set forth in an application for Letters Patent of the			
United States of America entitled SYSTEM HAVING BACKPLANE PERFORMANCE CAPABILITY SELECTION			
LOGIC, identified as Attorney Docket No. EMC2-143PUS and Client Case No. EMC-03-030 which			
application was executed on _	and filed on	and Assigned	
Application No	. In the event that the execution date	e, filing date and/or Application	
No. are not entered above at the time we executed this document, and if such information is deemed			
necessary, we hereby authorize and request our attorneys at Daly, Crowley & Mofford, LLP, 275			
Turnpike Street, Suite 101, Canton, MA 02021-2354, to insert above the execution date, filing date			
and/or Application No. of said application.			

Whereas, EMC Corporation, a Massachusetts Corporation having a place of business at 176 South Street, Hopkinton, MA 01748-9103, and which, together with its successors and assigns, is hereinafter called "Assignee," is desirous of acquiring the title, rights, benefits and privileges hereinafter recited;

Now, therefore, for valuable consideration furnished by Assignee to us, receipt and sufficiency of which we hereby acknowledge, we hereby, without reservation:

- 1. Assign, transfer and convey to Assignee the entire right, title and interest in and to said inventions and discoveries, said application for Letters Patent of the United States of America, any and all other applications for Letters Patent on said inventions and discoveries in whatsoever countries, including all divisional, renewal, substitute, continuation, reissue, re-examination and Convention applications based in whole or in part upon said inventions or discoveries, or upon said applications, and any and all Letters Patent, reissues, reexaminations, and extensions of Letters Patent granted for said inventions and discoveries or upon said applications, and every priority right that is or may be predicated upon or arise from said inventions, said discoveries, said applications and said Letters Patent;
- 2. Authorize Assignee to file patent applications in any or all countries on any or all of said inventions and discoveries in our names or in the name of Assignee or otherwise as Assignee may deem advisable, under the International Convention or otherwise;
- 3. Authorize and request the Commissioner of Patents and Trademarks of the United States of America and the empowered officials of all other governments to issue or transfer all said Letters Patent to Assignee, as assignee of the entire right, title and interest therein or otherwise as Assignee may direct;

PATENT REEL: 014239 FRAME: 0776

Filed On: Filed Herewith

Attorney Docket No.: EMC2-143PUS

4. Warrant that we have not knowingly conveyed to others any right in said inventions, discoveries, applications or patents or any license to use the same or to make, use or sell anything embodying or utilizing any of said inventions or discoveries; and that we have good right to assign the same to Assignee without encumbrance;

5. Bind our heirs, legal representatives and assigns, as well as ourselves, to do, upon Assignee's request and at Assignee's expense, but without additional consideration to us or them, all acts reasonably serving to assure that the said inventions and discoveries, the said patent applications and the said Letters Patent shall be held and enjoyed by Assignee as fully and entirely as the same could have been held and enjoyed by us, our heirs, legal representatives and assigns if this assignment had not been made; and particularly to execute and deliver to Assignee all lawful application documents including petitions, specifications, and oaths, and all assignments, disclaimers, and lawful affidavits in form and substance as may be requested by Assignee; to communicate to Assignee all facts known to us relating to said inventions and discoveries or the history thereof; and to furnish Assignee with any and all documents, photographs, models, samples and other physical exhibits in our control or in the control of our heirs, legal representatives or assigns which may be useful for establishing the facts of our conceptions, disclosures, and reduction to practice of said inventions and discoveries.

In testimony of which we have each executed this Assignment as an instrument under seal on the dates indicated next to each of our respective names.

State or Commonwealth	of Whishoursers
1	

Dated 6/24/03

On this 24 day of July , 2003, before me appeared John K. Walton, to me known and known to me as the person described in and who executed the foregoing instrument, and he acknowledged the same to be his free act and deed.

COMMISSION EXPIRES MAY 30, 2008

Filed On: Filed Herewith

Attorney Docket No.: EMC2-143PUS

State or Commonwealth of The SACHOSETTS

County THE SEX

On this 19 day of 100 , 2003, before me appeared Ofer Porat, to me known and known to me as the person described in and who executed the foregoing instrument, and he acknowledged the same to be his free act and deed.

WYCOMMISSION EXPIRES MAY 30, 2008

Filed On: Filed Herewith

Attorney Docket No.: EMC2-143PUS

State or Commonwealth of 7/15341/135775

Dated <u>61/19/6 5</u>

Christopher S. MacLellan

On this <u>I</u> day of <u>TIME</u>, 2003, before me appeared Christopher S. MacLellan, to me known and known to me as the person described in and who executed the foregoing instrument, and he acknowledged the same to be his free act and deed.

Notary Public

MY COMMISSION EXPIRES MAY 30, 2008

Filed On: Filed Herewith

Attorney Docket No.: EMC2-143PUS

State or Commonwealth of 7/1551/11/057195

County 1/1/1/1/2558 x

Dated <u>6/24/03</u>

Daniel Castel

On this 24 day of \_\_\_\_\_\_\_\_, 2003, before me appeared Daniel Castel, to me known and known to me as the person described in and who executed the foregoing instrument, and he acknowledged the same to be his free aet and deed.

Notary Public

MAY 30, 2008

Filed On: Filed Herewith

Attorney Docket No.: EMC2-143PUS

State or Commonwealth of Massacrio 38175

Kendell A. Chilton

On this Aday of Juny 9, 2003, before me appeared Kendell A. Chilton, to me known and known to me as the person described in and who executed the foregoing instrument, and he acknowledged the same to be his free act and deed.

MY COMMISSION EXPIRES MAY 30, 2008

Filed On: Filed Herewith

Attorney Docket No.: EMC2-143PUS

State or Commonwealth of This AMUSETTS

County 7/11/18 5 5 7 X

Dated 6/11/03

Brian K Canadall

On this 19 May of 7000, 2003, before me appeared Brian K. Campbell, to me known and known to me as the person described in and who executed the foregoing instrument, and he acknowledged the same to be his free act and deed.

MY COMMISSION EXPIRES MAY 30, 2008

Filed On: Filed Herewith

Attorney Docket No.: EMC2-143PUS

State or Commonwealth of MASSACHUSETTS

County MILLASSX

Dated <u>6/19/0</u>7

On this <u>I</u> day of <u>T</u>, 2003, before me appeared Gregory S. Robidoux, to me known and known to me as the person described in and who executed the foregoing instrument, and he acknowledged the same to be his free act and deed.

MY COMMISSION EXPIRES MAY 30, 2008

Filed On: Filed Herewith

Attorney Docket No.: EMC2-143PUS

State or Commonwealth of The SAUHUSETTS

County MINIXESEX

Dated 6/24/03

Brian D. Magnuson

On this <u>July</u> day of <u>July</u>, 2003, before me appeared Brian D. Magnuson, to me known and known to me as the person described in and who executed the

foregoing instrument, and he acknowledged the same to be his free act and deed,

Notary Public

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**RECORDED: 06/26/2003** 

MAY 30, 2008