Atty Dkt No.:

EMC2-152PUS

Form PTO-1595 U.S. DEPARTMENT OF COMMERCE (Rev. 03/01) U.S. Patent and Trademark Office 102711924 OMB No. 0651-0027 (exp. 5/31/2002) To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof. *3.30.04* Name of conveying party(ies): 2. Name and address of receiving party(ies) Ofer Porat Name: _____ EMC Corporation Alexander Rabinovich Tony Phelan Internal Address: _____ Additional name(s) of conveying party(ies) attached?

Yes

No 3. Nature of conveyance: Assignment X ☐ Merger Street Address: 176 South Street Security Agreement ☐ Change of Name Other City: Hopkinton State: MA Zip: 01748-9103 March 26, 2004, March 26, 2004, March 29, 2004 Execution Date: Additional name(s) & address(es) attached? Yes No 4. Application number(s) or patent number(s): March 26, 2004, March 26, 2004, March 29, 2004 If this document is being filed together with a new application, the execution date of the application is: A. Patent Application No.(s) B. Patent No.(s) 10812580 Additional numbers attached?

Yes

No 5. Name and address of party to whom correspondence 6. Total number of applications and patents involved: 1 concerning document should be mailed: Name: Richard M. Sharkansky 7. Total fee (37 CFR 3.41).....\$\,_40.00 Daly, Crowley & Mofford, LLP Enclosed Internal Address: ☐ Authorized to be charged to deposit account 8. Deposit account number: Street Address: 275 Turnpike Street, Suite 101 50-0845 (Attach duplicate copy of this page if paying by deposit account) City: Canton State: MA Zip: 02021-2354 DO NOT USE THIS SPACE 9. 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. 3-30-07 Date

/01/2004 HMARZII 00000062 10812580

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Richard M. Sharkansky Reg. No. 25,800 Name of Person Signing

Total number of pages including cover sheet, attachments, and documents: 4 Ma documents to be recorded with required cover sheet information to: Commissioner of Patents & Trademarks, Box Assignments

Washington, D.C. 20231

ASSIGNMENT

Whereas we, the undersigned, Ofer Porat, Alexander Rabinovich, and Tony Phel	lan, hereby have
made certain inventions or discoveries (or both) set forth in an application for Lett	ers Patent of the
United States of America entitled DATA STORAGE SYSTEM ANALYZER I	HAVING SELF
RESET, identified as Attorney Docket No. EMC2-152PUS and Client No. EM	C-03-125 which
application was executed on March 26, 2004, March 26, 2004 and March 29, 200	4 and filed on _
and Assigned Application No	In the event that
the execution date, filing date and/or Application No. are not entered above at the ti	ime 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, Cant	on, MA 02021-
2354, to insert above the execution date, filing date and/or Application No. of said	

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;

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PATENT

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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 executed this Assignment as an instrument under seal on the date indicated next to each of our respective names.

Commonwealth of Massachusetts

County <u>7-77/// 258 X</u>	1
Dated <u>3/26/6/</u>	Ofer Porat
On this <u>day of</u> day of <u>hand</u> known and known to me as the person described	, 2004, before me appeared Ofer Porat, to me

and he/she acknowledged the same to be his/her free act and deed.

Notary Public

MY COMMISSION EXPIRES MAY 30, 2008

PATENT

Filed On: Filed Herewith

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Commonwealth of Massachusetts	
County <u> </u>	Mexamber Prapince. of
	Alexander Rabinovich
On this day of day of Rabinovich, to me known and known to me as the foregoing instrument, and he/she acknowledged the	person described in and who executed the
	Netary Public
Commonwealth of Massachusetts	MY COMMISSION EXPIRES MAY 30, 2008
County	
Dated	Tony Phelan
On this day of day of me known and known to me as the person describe instrument, and he/she acknowledged the same to	
	Notary Public

MY COMMISSION EXPIRES MAY 30, 2008

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RECORDED: 03/30/2004

PATENT REEL: 015163 FRAME: 0456