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**VER SHEET** 

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To the Honorable Commissioner of Patents and Trader	marks: Please record the attached original documents or copy thereof.	652 652
Name of conveying party(ies)     Rajesh K. Gandhi     Keith Alan Carson, Jr.     Venkata R. Tiruveedi     Anoop George Ninan     Samuil Shmuylovich     Boris Farizon	Name and address of receiving party(ies)  Name: EMC Corporation  Internal Address:	113260 U
Additional name(s) of conveying party(ies) attached? [] Yes [X] No		
3. Nature of conveyance:	Street Address: 176 South Street	<del></del>
[X] Assignment [] Merger		
[ ] Security Agreement [ ] Change of Name [ ] Other	City: Hopkinton State: MA ZIP: 017	48
Execution Date: June 26, 2006	Additional name(s) & address(es) attached? [ ] Yes [X] No	
A. Patent Application No.(s)  Additional num		
<ol><li>Name and address of party to whom correspondence concerning document should be mailed:</li></ol>	6. Total number of applications and patents involved: [1]	
Name: Barry W. Chapin, Esq.	7. Total Fee (37 C.F.R. 3.41) \$ 40.00	
Chapin Intellectual Property Law, LLC	<ul> <li>[X] Enclosed with application filing fee</li> <li>[X] Authorized to charge any deficiencies or credit any overpayment to deposit account</li> <li>[] Authorized to be charged to deposit account</li> </ul>	
Street Address: Westborough Office Park	8. Deposit account number:	
1700 West Park Drive	50-3735	
City: Westborough State: MA ZIP: 01581	(Attach duplicate copy of this page if paying by deposit acco	unt)
DO NO	T USE THIS SPACE	
9. Statement and signature.  To the best of my knowledge and belief, the foregoing informat document.  Barry W. Chapin, Esq.	tion is true and correct and any attached copy is a true copy of the ori	ginal
Name of Person Signing	Signature Date	
Total number of pages including of	cover sheet, attachments, and document: [8]	

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PATENT/Joint Assignment
Attorney Docket No.: EMC06-15(06185)
EMC Docket No.: EMC-06-185
Express Mail Mailing Label No. EV 738 229 622 US

## ASSIGNMENT

WHEREAS, we, Rajesh K. Gandhi, Keith Alan Carson, Jr., Venkata R. Tiruveedi, Anoop George Ninan, Samuil Shmuylovich, and Boris Farizon have invented an invention comprising and/or embodying certain improvements or discoveries or both as described in an application for Letters Patent of the United States entitled METHODS AND APPARATUS FOR COLLECTING DATABASE TRANSACTIONS, the specification of which:

[X]	is being executed on even da States Patent Office;	ate herewith and is about to be filed in the Ui	nited
[]	was filed on	as U.S. Application No.	;
[]	was patented under U.S. Pat	ent Noon	·

WHEREAS, EMC Corporation (hereinafter "ASSIGNEE"), a corporation organized and existing under the laws of the Commonwealth of Massachusetts and having a usual place of business at 176 South Street, Hopkinton, Massachusetts 01748 desires to acquire an interest therein in accordance with agreements duly entered into with us;

**NOW, THEREFORE**, to all whom it may concern be it known that for and in consideration of said agreements and of other good and valuable consideration, the receipt of which is hereby acknowledged, we have sold, assigned and transferred and by these presents do hereby sell, assign and transfer unto said ASSIGNEE, its successors, assigns and legal representatives, the entire right, title and interest in and throughout the United States of America, its territories and all foreign countries, in and to said invention as described in said application, together with the entire right, title and interest in and to said application and such Letters Patent as may issue thereon; said invention, application and Letters Patent to be held and enjoyed by said ASSIGNEE for its own use and behalf and for its successors, assigns and legal representatives, to the full end of the term for which said Letters Patent may be granted as fully and entirely as the same would have been held by us had this assignment and sale not been made; we hereby convey to ASSIGNEE all rights arising under or pursuant to any and all international agreements, treaties or laws relating to the protection of industrial property by filing any such applications for Letters Patent. We hereby acknowledge that this assignment, being of the entire right, title and interest in and to said invention, carries with it the right in ASSIGNEE to apply for and obtain from competent authorities in all countries of the world any and all Letters Patent by attorneys and agents of ASSIGNEE's selection and the right to procure the grant of all such Letters Patent to ASSIGNEE for its own name as assignee of the entire right, title and interest therein;

AND, we hereby further agree for ourselves and our executors and administrators to execute upon request any other lawful documents and likewise to perform any other lawful acts which may be deemed necessary to secure fully the aforesaid invention to said ASSIGNEE, its

PATENT REEL: 018058 FRAME: 0517

successors, assigns and legal representatives, but at its or their expense and charges, including the execution of applications for patents in foreign countries, and the execution of substitution, reissue, divisional or continuation applications and preliminary or other statements and the giving of testimony in any interference or other proceeding in which said invention or any application or patent directed thereto may be involved;

AND, we do hereby authorize and request the Commissioner of Patents of the United States to issue such Letters Patent as shall be granted upon said application or applications based thereon to said ASSIGNEE, its successors, assigns, and legal representatives.

IN TESTIMONY WHEREOF, we have hereunto set our hands and affixed our seals as set forth below:

Date: 6-26-06	Inventor's Signature
	Inventor's Signature
Print full name of first inventor:	Rajesh K. Gandhi
Residence:	49 Arrowwood Drive, Shrewsbury, MA 01545
Citizenship:	India
Mailing Address:	Same as above
	, 2006, then personally appeared before me the
employee identification card; [Adriver's I	ne through satisfactory evidence of identification [] license; [] (other) e the person whose name is subscribed to the nat he/she executed the same as his/her free act and
	Drie a. Kavaneyl -
	Notary Public
	Print Name: Julie A. Kavanaugh.  My Commission expires 2 / 6 / 09

Date: 6-26-2006	land CA
	Inventor's Signature
Print full name of second inventor:	Keith Alan Carson, Jr.
Residence:	16 Breakneck Hill Road, Hopkinton, MA 01748
Citizenship:	United States of America
Mailing Address:	Same as above
_	Ma. M. ddlese v.
employee identification card; Adriv	_, 2006, then personally appeared before me the n to me through satisfactory evidence of identification ver's license; [] (other) be the person whose name is subscribed to the hat he/she executed the same as his/her free act and
and for the purposes and the comments.	Oprice a. Kavarauf.
	Notary Public
	Notary Public  Print Name: Tulie A. Kavanaugh  My Commission expires 2/6/09.
	My Commission expires $\angle / \underline{\triangleright} / \underline{o} \gamma$ .

06/26/2006 Date: Inventor's Signature Venkata R. Tiruveedi Print full name of third inventor: Residence: 52 Palomino Drive, Franklin, MA 02038 Citizenship: India Mailing Address: Same as above STATE/COMMONWEALTH OF **COUNTY OF** On this day of day of 2006, then personally appeared before me the above-named Venkata R. Tiruveedi known to me through satisfactory evidence of identification [ ] employee identification card; [ ] driver's license; [ ] (other)

Ven Ka ta R. Tiruvee d, to be the person whose name is subscribed to the foregoing Assignment and acknowledged that he/she executed the same as his/her free act and deed for the purposes therein contained. Notary Public

Print Name: 

Tuke A. Kavanay L.

My Commission expires 2/6/09.

Date: 06/26/2006	Anny
	Inventor's Signature
Print full name of fourth inventor:	Anoop George Ninan
Residence:	13 Purdue Drive, Milford, MA 01757
Citizenship:	India
Mailing Address:	Same as above
_	Ma. Middlesex.
above-named Anoop George Ninan kno [] employee identification card; [ )	, 2006, then personally appeared before me the wn to me through satisfactory evidence of identification driver's license; [ ] (other)
foregoing Assignment and acknowledge deed for the purposes therein contained.	to be the person whose name is subscribed to the ed that he/she executed the same as his/her free act and
	Notary Public Julie A. Kavanaugh Print Name:
	Print Name:
	My Commission expires $2/6/2$

Date: Inventor's Signature Samuil Shmuylovich Print full name of fifth inventor: Residence: 76 Apple D'Or Road, Framingham, MA 01701 Citizenship: United States of America Mailing Address: Same as above STATE/COMMONWEALTH OF **COUNTY OF** On this 2/11 day of \_\_\_\_\_\_, 2006, then personally appeared before me the above-named Samuil Shmuylovich known to me through satisfactory evidence of identification employee identification card; [L] driver's license; [\_] (other) foregoing Assignment and acknowledged that he/she executed the same as his/her free act and deed for the purposes therein contained. Notary Public

Print Name: Twice A Kavanauft

My Commission expires 2 / 6/09

Date: 06-26-2006	_ Down's Farman
Print full name of sixth inventor:	Boris Farizon
Residence:	26 Old Colony Drive, Westborough, MA 01581
Citizenship:	United States of America
Mailing Address:	Same as above
STATE/COMMONWEALTH OF COUNTY OF On this 2 (	, 2006, then personally appeared before me the
above-named Boris Farizon known to employee identification card; [] dri	ome through satisfactory evidence of identification [] ver's license; [] (other)
BORIS Parizon.	_ to be the person whose name is subscribed to the light that he/she executed the same as his/her free act and
	Notary Public
	Print Name: Julie A. Kavanauf
	My Commission expires $\frac{2}{6} / \frac{6}{09}$

**RECORDED: 06/28/2006**