502686319 02/19/2014

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2

EPAS ID: PAT2732924

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
SRIKANT VARADAN	09/25/2012
DHEER MOGHE	09/25/2012
SAZZALA REDDY	09/27/2012

RECEIVING PARTY DATA

Name:	EMC CORPORATION
Street Address:	176 SOUTH STREET
City:	HOPKINTON
State/Country:	MASSACHUSETTS
Postal Code:	01748

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	14183061

CORRESPONDENCE DATA

Fax Number: (408)720-8383 Phone: 4087208300

Email: Katie_Nelson@bstz.com

Correspondence will be sent via US Mail when the email attempt is unsuccessful.

Correspondent Name: TAM Q. TRAN

Address Line 1: 1279 OAKMEAD PARKWAY

Address Line 2: BLAKELY SOKOLOFF TAYLOR ZAFMAN LLP
Address Line 4: SUNNYVALE, CALIFORNIA 94085-4040

NAME OF SUBMITTER:	TAM Q. TRAN
Signature:	/ Tam Q. Tran /
	PATENT

502686319 REEL: 032246 FRAME: 0362

Date:	02/19/2014
Total Attachments: 4 source=6368P038C_Assignment#page1.tif source=6368P038C_Assignment#page2.tif source=6368P038C_Assignment#page3.tif source=6368P038C_Assignment#page4.tif	

PATENT REEL: 032246 FRAME: 0363

SSIGNMENT OF PATENT APPLICATION	Attorney Docket No.: 6368P038
For good and valuable consideration, the receipt an	an dan managan watan managan di kabupatan nangan di kangan managan di katingan manakan di katingan di kati
acknowledged, I/we, the undersigned, Srikant Varadan,	Dheer Moghe, and Sazzala Reddy
hereby sell, assign, and transfer toEMC CORPORATIO	N ,
a corporation	of <u>Delaware</u> ,
(Type of Assignee: e.g., corporation, company, partnership, university,	etc.)
having a principal place of business at 176 SOUTH STRE	ET, HOPKINTON, MA 01748
("Assignee"), and its successors, assigns, and legal repres for the United States and all foreign countries, in and to any are disclosed in the application (provisional or non-provisio the non-provisional application may have a declaration exe concurrently herewith and which application (provisional or System And Method For Determining Physical Storage	y and all inventions or improvements that snal) for the United States patent which for ecuted by the undersigned prior hereto or non-provisional) is entitled
System	- Space Of A Decuplicated Storage
said patent application also identified as follows (when kno	,
[I/we hereby authorize an attorney or agent for said number and filing date of said patent application when the property is a said patent application of the property is a said patent application.	
United States Patent Application Number 14/183,061	filed 02/18/2014 ,
and in and to said application (provisional or non-provisional applications, utility applications, design applications, continued prosecution applications, continuati applications, renewal applications, reissue applications, repatent applications that have been or shall be filed in the U any of said inventions or improvements; and in and to all or reexamination certificates, and extensions, that have been all foreign countries on said inventions or improvements; as from the filing of said United States application;	tions, divisional applications, continuation ion-in-part applications, substitute examinations, extensions, and all other Inited States and all foreign countries on riginal patents, reissued patents, or shall be issued in the United States and
agree that said Assignee may apply for and receive improvements in its own name; and that, when requested, said Assignee, its successors, assigns, and legal represent and purpose of this Assignment, the undersigned will exect provisional applications, utility applications, design applications, continued prosecution applications, continued applications, reissue applications, repatent applications on any and all said inventions or improvassignments, powers of attorney, and other papers; commassigns, and representatives all facts known to the undersi improvements and the history thereof; and generally assist representatives in securing and maintaining proper patent	without charge to, but at the expense of, tatives, to carry out in good faith the intent ute all provisional applications, nontions, divisional applications, continuation ion-in-part applications, substitute examinations, extensions, and all other vements; execute all rightful oaths, unicate to said Assignee, its successors, igned relating to said inventions or to said Assignee, its successors, assigns, or

Rev. 1/08/2010

improvements and for vesting title to said inventions or improvements, and all applications for patents

and all patents on said inventions or improvements, in said Assignee, its successors, assigns, and legal representatives; and

covenant with said Assignee, its successors, assigns, and legal representatives that no assignment, grant, mortgage, license, or other agreement affecting the rights and property herein conveyed has been made to others by the undersigned, and that full right to convey the same as herein expressed is possessed by the undersigned.

Ea	ich invent	or: Please S	ign <u>and Date</u> Below:
25	SEP	. 2012	ALL W
noono	Date	onen f	Signature
			Srikant Varadan
			Printed/Typed Name
******	Date	, 20	Signature ,
	Date		,
			<u>Dheer Moghe</u> Printed/Typed Name
		. 20	,,
MANAGE	Date		Signature
			Sazzala Reddy
			Printed/Typed Name
ennone	Date	, 20	Signature
	Date		Signature
			Printed/Typed Name
		. 20	
*****	Date	, — J	Signature
			Printed/Typed Name
	Date	, 20	Signature
			0.9/
			Printed/Typed Name
			Assignment Document Return Address: BLAKELY, SOKOLOFF, TAYLOR & ZAFMAN LLP 1279 Oakmead Parkway Sunnyvale, CA 94085-4040 (408) 720-8300

and all patents on said inventions or improvements, in said Assignee, its successors, assigns, and legal representatives; and

covenant with said Assignee, its successors, assigns, and legal representatives that no assignment, grant, mortgage, license, or other agreement affecting the rights and property herein conveyed has been made to others by the undersigned, and that full right to convey the same as herein expressed is possessed by the undersigned.

Each Inventor	r: Please S	ign <u>and Date</u> Below:
	. 20	
Date		Signature
		Srikant Varadan Printed/Typed Name
25 SEP	, 20 1 2 -	
Date		Signature
		Dheer Moghe Printed/Typed Name
Date	_, 20	Signature
		Sazzala Reddy Printed/Typed Name
Date	_, 20	Signature
		Printed/Typed Name
Date	_, 20	Signature
		Printed/Typed Name
Date	_, 20	Signature
		Printed/Typed Name
		Assignment Document Return Address: BLAKELY, SOKOLOFF, TAYLOR & ZAFMAN LLP 1279 Oakmead Parkway Sunnyvale, CA 94085-4040 (408) 720-8300

and all patents on said inventions or improvements, in said Assignee, its successors, assigns, and legal representatives; and

covenant with said Assignee, its successors, assigns, and legal representatives that no assignment, grant, mortgage, license, or other agreement affecting the rights and property herein conveyed has been made to others by the undersigned, and that full right to convey the same as herein expressed is possessed by the undersigned.

	. 20	
Date	···	Signature
		Srikant Varadan
		Printed/Typed Name
	, 20	
Date		Signature
3		Dheer Moghe
.		Printed/Typed Name
Date	, 20 12	S.V (S. J.L. M.A) Signature
		Sazzala Reddy
		Printed/Typed Name
	, 20	C
Date		Signature
		Water the second
		Printed/Typed Name
	, 20	
Date		Signature
		Printed/Typed Name
		Filited/Typed Name
Date	, 20	Signature
		g.
		Printed/Typed Name
		31
		Assignment Document Return Address:
		BLAKELY, SOKOLOFF, TAYLOR & ZAFMAN LLF
		1279 Oakmead Parkway Sunnyvale, CA 94085-4040
		(408) 720-8300

- 2 -

Rev. 1/08/2010