505003353 07/13/2018

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 EPAS ID: PAT5050101 Stylesheet Version v1.2

 SUBMISSION TYPE:
 NEW ASSIGNMENT

 NATURE OF CONVEYANCE:
 ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
KFIR WOLFSON	07/08/2018
ASSAF NATANZON	07/08/2018
UDI SHEMER	07/08/2018

RECEIVING PARTY DATA

Name:	EMC IP HOLDING COMPANY LLC
Street Address:	176 SOUTH STREET
City:	HOPKINTON
State/Country:	MASSACHUSETTS
Postal Code:	01748

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	16035221

CORRESPONDENCE DATA

Fax Number: (801)328-1707

Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.

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ATTORNEY DOCKET NUMBER: 16192.213

NAME OF SUBMITTER: CARL T REED

SIGNATURE: /Carl T. Reed/
DATE SIGNED: 07/13/2018

Total Attachments: 5

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PATENT 505003353 REEL: 046347 FRAME: 0174

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PATENT REEL: 046347 FRAME: 0175

ASSIGNMENT

WHEREAS, I/we, Kfir Wolfson, Assaf Natanzon and Udi Shemer 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 BACKUP AND TIERED POLICY COORDINATION IN TIME SERIES DATABASES, the specification of which:

[X]	Patent Office;	date herewith and is about to be filed in th	e United States
[]	was filed on	as U.S. Application No	;
[]	was patented under U.S. P	atent Noon	

WHEREAS, EMC IP Holding Company LLC (hereinafter "ASSIGNEE"), a corporation organized and existing under the laws of Delaware 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 me/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, I/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 me/us had this assignment and sale not been made; I/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. I/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, I/we hereby further agree for myself/ourselves and my/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 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, I/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, I/we have hereunto set my/our hands and affixed my/our seals as set forth below:

Date: 14/9 8,2018	
	Inventor's Signature
Print full name of inventor:	Kfir Wolfson
Residence	Beer Sheva, IL
Citizenship:	Israel
Mailing Address:	29A Bezalel st. Apt 14
	Beer Sheva, IL
1 Nitzac Zamir	(name) whose residential address is
DN Haneger, Kilbutz	hatzerim, Israel
was personally present and did see <u>kfir</u>	1/2// (name of person signing the
assignment) who is personally known to me, e	
N/t 2000 (Signed at Signed at Signed at Shees (I) on this day July 8 of 20	gnature of first witness)
Signed at Beer Sherra (1	ocation of witness signature)
on this day Take & of 20	15. (date of signature)
· No Hickory	(name) whose residential address is
RODE CHAIR U. DUCK	
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	— Wolfsom (name of person signing the
assignment) who is personally known to me, c	execute the above assignment.
260 (si	gnature of second witness)
Signed at BEOT SheVA (1	ocation of witness signature)
on this day July 3 of 20	

Date:	Inventor's Signature
Print full name of inventor:	Assaf Natunzon
Residence:	Tel Aviv, IL
Citizenship:	Israel
Mailing Address:	Levanon 95
31300131248. 130001 0007	Tel Aviv, IL 69395
was personally present and did see Asec factorial assignment) who is personally known to me, e	gnature of first witness)
Exel Leville	(name) whose residential address is
was personally present and did see \(\int \mathfrak{13} \) \(\int \frac{1}{2} \)	M_1 b \(\tag{name of person signing the}
assignment) who is personally known to me, e	
Signed at Hart 10 , (signed at Hart 10) , (lo	
Signed at Hart 10 a (le	ocation of witness signature)
on this day 5 1 845 of 70	(data of compture)

•	Inventor's Signature
Print full name of inventor:	Udi Shemer
Residence:	Kfar Saba, IL
Citizenship:	Israel
Mailing Address:	Brenner 7/7
	Kfar Saba, IL
1 Leond Bershats, Beit Ha-Azava 3, Ris	Manuel whose residential address is then Le-Zion , Is 2ael
	Ud: Shemez (name of person signing the
	Udi heme (name of person signing the to me, execute the above assignment.
assignment) who is personally known	to me, execute the above assignment. (signature of first witness) (location of witness signature)
assignment) who is personally known Signed at H2222 liq on this day 08/07 I Dannie/ Hyler Ganes Osishkin 36, Netanya	to me, execute the above assignment. (signature of first witness) (location of witness signature) of 2018. (date of signature) (name) whose residential address is
Signed at Hazzalia on this day 08/07 UsishKin 36, wetanya was personally present and did see	to me, execute the above assignment. (signature of first witness) (location of witness signature) of 2018. (date of signature) (name) whose residential address is
assignment) who is personally known Signed at H2222 liq on this day 08/07 I Dannie/ Hyler Ganes Osishkin 36, Netanya	to me, execute the above assignment. (signature of first witness) (location of witness signature) of 2018. (date of signature) (name) whose residential address is