## 506901657 10/01/2021 PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT6948481

SUBMISSION TYPE:		NEW ASSIGNMENT		
NATURE OF CONVEYANCE:		ASSIGNMENT		
CONVEYING PARTY	DATA	·		
		Name	Execution Date	
JEHUDA SHEMER			09/17/2021	
MAXIM DROBACHEV	'SKY		09/22/2021	
ZION DRORI			09/30/2021	
RECEIVING PARTY	ΔΑΤΑ			
Name:	EMC IP	HOLDING COMPANY LLC		
Street Address:	176 SO	176 SOUTH STREET		
City:	HOPKIN	HOPKINTON		
State/Country:	MASSA	CHUSETTS		
Postal Code:	01748			
Application Number:		17449717		
Property Typ		Number		
			l 	
CORRESPONDENCE				
Fax Number:		801)328-1707	waaaaful it will be cont	
		the e-mail address first; if that is uns ; if that is unsuccessful, it will be sen		
Phone:	-	301-533-9800		
Email:		ndunaway@wnlaw.com		
Correspondent Name		WORKMAN NYDEGGER		
		60 EAST SOUTH TEMPLE		
		····· 4/////		
Address Line 2: Address Line 4:		SALT LAKE CITY, UTAH 84111		
Address Line 4: ATTORNEY DOCKET	NUMBER:	SALT LAKE CITY, UTAH 84111 16192.496		
Address Line 4: ATTORNEY DOCKET	NUMBER:	SALT LAKE CITY, UTAH 84111		
	NUMBER:	SALT LAKE CITY, UTAH 84111 16192.496		
Address Line 4: ATTORNEY DOCKET NAME OF SUBMITTER	NUMBER:	SALT LAKE CITY, UTAH 84111 16192.496 CARL T REED		
Address Line 4: ATTORNEY DOCKET NAME OF SUBMITTER SIGNATURE: DATE SIGNED: Total Attachments: 4	NUMBER: R:	SALT LAKE CITY, UTAH 84111   16192.496   CARL T REED   /Carl T. Reed/   10/01/2021		
Address Line 4: ATTORNEY DOCKET NAME OF SUBMITTER SIGNATURE: DATE SIGNED: Total Attachments: 4 source=16192-496 202	<b>NUMBER:</b> <b>R:</b> 1-10-01 Ass	SALT LAKE CITY, UTAH 84111 16192.496 CARL T REED /Carl T. Reed/ 10/01/2021 signment#page1.tif		
Address Line 4: ATTORNEY DOCKET NAME OF SUBMITTER SIGNATURE: DATE SIGNED: Fotal Attachments: 4	NUMBER: R: 1-10-01 Ass 1-10-01 Ass	SALT LAKE CITY, UTAH 84111 16192.496 CARL T REED /Carl T. Reed/ 10/01/2021 signment#page1.tif signment#page2.tif		

PATENT REEL: 057671 FRAME: 0282

## ASSIGNMENT

WHEREAS, I/we, Jehuda Shemer, Maxim Drobachevsky and Zion Drori 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 OPTIMIZED CLIENT-SIDE DEDUPLICATION, the specification of which:

- [x] is being executed on even date herewith and is about to be filed in the United States Patent Office;
- [] was filed on \_\_\_\_\_\_ as U.S. Application No. \_\_\_\_\_;

**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: 17 Sept 2021	
	Inventor's Signature
Print full name of inventor:	Jehuda Shemer
Residence:	Kfar Saba, IL
Citizenship:	IL
Mailing Address:	Brenner 7/7
	Kfar Saba, IL
Date:	
	Inventor's Signature
Print full name of inventor:	Maxim Drobachevsky
Residence:	Beer Sheva, IL
Citizenship:	IL
Mailing Address:	St. Rehavam ze'evi 19
	Beer Sheva, IL 8471980

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:		
	Inventor's Signature	
Print full name of inventor:	Jehuda Shemer	
Residence:	Kfar Saba, IL	
Citizenship:	IL	
Mailing Address:	Brenner 7/7	
	Kfar Saba, IL	
Date: 22 September 2021	/Maxim Drobachevsky/	
	Inventor's Signature	
Print full name of inventor:	Maxim Drobachevsky	
Residence:	Beer Sheva, IL	
Citizenship:	IL	
Mailing Address:	St. Rehavam ze'evi 19	
	Beer Sheva, IL 8471980	

PATENT Assignment EMC Docket No.: 125530.01 Atty Docket No.: 16192.496

Date: 0

Print full name of inventor: Residence: Citizenship:

Mailing Address:

Inventor's Signature

Zion Drori Kfar Yona, IL IL 3 Karmel St. Kfar Yona, IL