

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
HILLEL COSTEFF	07/23/2018
LIOR KAMRAN	07/23/2018
ZVI SCHNEIDER	07/23/2018
ANTON KUCHEROV	07/23/2018
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City:	HOPKINTON
State/Country:	MASSACHUSETTS
Postal Code:	01748
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	16043281
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SIGNATURE:	/joseph b. ryan/
DATE SIGNED:	07/24/2018
Total Attachments: 6	
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ASSIGNMENT

WHEREAS, we, Hillel Costeff, Lior Kamran, Zvi Schneider and Anton Kuchеров, and 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 **CLUSTERED STORAGE SYSTEM CONFIGURED WITH DECOUPLING OF PROCESS RESTART FROM IN-FLIGHT COMMAND EXECUTION**, 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. _____;

☐ [] was patented under U.S. Patent No. _____ on _____.

WHEREAS, EMC IP Holding Company LLC (hereinafter "ASSIGNEE"), a limited liability company organized and existing under the laws of the State 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 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 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:

23/7/2018

H. Heli Costeff
Inventor's Signature

Print full name of first inventor:

Hillel Costeff

Residence:

Tel Aviv, Israel

Citizenship:

Israel

Mailing Address:

3/4 Miriam Hachashmonai Street

Tel Aviv, Israel

I Avi Vayman

(name) whose residential address is

Katol 23 Petach-Tikva

was personally present and did see Hillel Costeff (name of person signing the assignment) who is personally known to me, execute the above assignment.

[Signature]
(signature of first witness)

Signed at

Tel-Aviv

(location of witness signature)

on this day

23rd July

of 20 18 (date of signature)

I Alon Hasev

(name) whose residential address is

Bark 11 Tel Aviv

was personally present and did see Hillel Costeff (name of person signing the assignment) who is personally known to me, execute the above assignment.

[Signature]
(signature of second witness)

Signed at

Tel Aviv

(location of witness signature)

on this day

23rd July

of 20 18 (date of signature)

Date: 23 July 2018

[Signature]
Inventor's Signature

Print full name of second inventor: Lior Kamran
Residence: Rishon LeZion, Israel
Citizenship: Israel
Mailing Address: 8 Barzilay Street
Rishon LeZion, Israel

I Alex Sorkhman (name) whose residential address is

ba Yovel 26/20, Ramat, Israel
was personally present and did see Lior Kamran (name of person signing the assignment) who is personally known to me, execute the above assignment.

[Signature] (signature of first witness)

Signed at XtremIO, Gili Yon, Israel (location of witness signature)

on this day 23.07.2018 of 2018 (date of signature)

I Michael Kharimov (name) whose residential address is


Laskov 34, Holon, Israel
was personally present and did see Lior Kamran (name of person signing the assignment) who is personally known to me, execute the above assignment.

[Signature] (signature of second witness)

Signed at XtremIO, Gili Yon, Israel (location of witness signature)

on this day 23.07 of 2018 (date of signature)

Date: 23 Jul 2018


Inventor's Signature

Print full name of third inventor: Zvi Schneider
Residence: Tel Aviv, Israel
Citizenship: Israel
Mailing Address: 34 Haneveem
Tel Aviv, Israel

I Vladimir Shveidel (name) whose residential address is

Hinanit 7A, Pardes-Hanar, Israel

was personally present and did see Zvi Schneider (name of person signing the assignment) who is personally known to me, execute the above assignment.

 (signature of first witness)

Signed at Herzlia, Israel (location of witness signature)

on this day 23 Jul of 2018. (date of signature)

I Vladimir Kleiner (name) whose residential address is

14-6et Dvorchik St, Tel Aviv

was personally present and did see Zvi Schneider (name of person signing the assignment) who is personally known to me, execute the above assignment.

 (signature of second witness)

Signed at Herzlia (location of witness signature)

on this day 23 of July of 2018. (date of signature)

Date: 7/23/2018



Inventor's Signature

Print full name of fourth inventor: Anton Kucherov
Residence: Dudley, Massachusetts
Citizenship: United States of America
Mailing Address: 72 Flaxfield Road
Dudley, Massachusetts 01571

I William Strange (name) whose residential address is

5 Woodland Drive Westford Ma
was personally present and did see Anton Kucherov (name of person signing the assignment)
who is personally known to me, execute the above assignment.



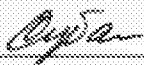
(signature of first witness)

Signed at Hopkinton Ma (location of witness signature)

on this day 7/23 of 20 18 (date of signature)

I Svetlana Kronrod (name) whose residential address is

18 Wright Farm Concord MA
was personally present and did see Anton Kucherov (name of person signing the assignment)
who is personally known to me, execute the above assignment.



(signature of second witness)

Signed at Hopkinton, MA (location of witness signature)

on this day 7/23 of 20 18 (date of signature)