

PATENT ASSIGNMENT COVER SHEET

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| SUBMISSION TYPE: | NEW ASSIGNMENT |
| NATURE OF CONVEYANCE: | ASSIGNMENT |
| CONVEYING PARTY DATA | |
| Name | Execution Date |
| ASSAF NATANZON | 12/28/2015 |
| JEHUDA SHEMER | 12/22/2015 |
| RON BIGMAN | 12/21/2015 |
| AMIT LIEBERMAN | 12/22/2015 |
| ODED PEER | 12/20/2015 |
| 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: | 14978351 |
| CORRESPONDENCE DATA | |
| Fax Number: | (781)401-9966 |
| <i>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.</i> | |
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| Address Line 4: | CANTON, MASSACHUSETTS 02021-2714 |
| ATTORNEY DOCKET NUMBER: | EMC-287PUS |
| NAME OF SUBMITTER: | ANTHONY T. MOOSEY |
| SIGNATURE: | /Anthony T. Moosey/ |
| DATE SIGNED: | 03/15/2016 |
| Total Attachments: 8 | |

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ASSIGNMENT

WHEREAS, we, Assaf Natanzon, Jehuda Shemer, Ron Bigman, Amit Lieberman, Yana Vaisman and Oded Peer, 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 STORING APPLICATION DATA AS AN ENHANCED COPY and identified as Attorney Docket No. EMC-287PUS, the specification of which:

- ☐ is being executed on even date herewith and is about to be filed in the United States Patent Office;
- ☒ was filed on December 22, 2015 as U.S. Application No. 14/978,351;
- ☐ was patented under U.S. Patent No. _____ on _____

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 me;

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,

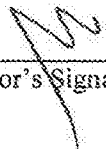
reissue, divisional or continuation applications and preliminary or other statements and the giving of testimony in any interference or other proceeding in which said invention or any application or patent directed thereto may be involved;

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;

AND, we hereby authorize attorneys that we have appointed and EMC Corporation to insert here in parenthesis (_____) the application number and filing date of said Application (or foreign counterpart application) to facilitate the recording or other official processing of this Assignment.

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

Date: 02/12/15


Inventor's Signature

Print full name of first inventor:

Assaf Natanzon

Residence:

Levanon 95
Tel Aviv, Israel 69395

Citizenship:

Israel

Mailing Address:

Same as above

I, Sara Zaborowsky (name of first witness), whose residential address is
3 Rambam St. Hertzliya, Israel
was personally presented and did see Assaf Natanzon who is personally known to me, execute
the above assignment.


(signature of first witness)

Signed at Hertzliya (location of witness signature)

on this day Dec. 28th, 20 15 (date of witness signature)

I, Gili Ben Zvi (name of second witness), whose residential address is
31 Hashofim St. Tel Aviv, Israel
was personally presented and did see Assaf Natanzon who is personally known to me, execute
the above assignment.


(signature of second witness)

Signed at Hertzliya (location of witness signature)

on this day Dec 28th, 20 15 (date of witness signature)

Date: 22/12/2015

[Signature]
Inventor's Signature

Print full name of first inventor:

Jehuda Shemer

Residence:

Brener 7/7
Kfar Saba 44349
Israel

Citizenship:

Israel

Mailing Address:

Same as above

I, Slavik Neymer (name of first witness), whose residential address is
62 Frishman st, Tel Aviv, Israel
was personally presented and did see Jehuda Shemer who is personally known to me, execute the
above assignment.

Slavik (signature of first witness)
Signed at Herzliya (location of witness signature)
on this day 22/12/2015, 20 15 (date of witness signature)

I, Alex Solan (name of second witness), whose residential address is
Meir Yaroni 26 Tel-Aviv Israel
was personally presented and did see Jehuda Shemer who is personally known to me, execute the
above assignment.

Alex (signature of second witness)
Signed at Herzliya (location of witness signature)
on this day 22 December, 20 15 (date of witness signature)

Date: 21.12.2015

Ron Bigman
Inventor's Signature

Print full name of first inventor:

Ron Bigman

Residence:

Shmaryahu Levin 2
Holon 6852114
ISRAEL

Citizenship:

Israel

Mailing Address:

Same as above

I, Tomer Kuslinski (name of first witness), whose residential address is

was personally presented and did see Ron Bigman who is personally known to me, execute the above assignment.

[Signature] (signature of first witness)
Signed at EMC Herzeliya (location of witness signature)
on this day 21/12, 2015 (date of witness signature)

I, Nir Sela (name of second witness), whose residential address is

was personally presented and did see Ron Bigman who is personally known to me, execute the above assignment.

[Signature] (signature of second witness)
Signed at EMC HERTZELIYA (location of witness signature)
on this day 21/12, 2015 (date of witness signature)

Date: 22/12/2015

[Signature]
Inventor's Signature

Print full name of first inventor: Amit Lieberman

Residence: 13 Ben Gurion
Raanana 43360
ISRAEL

Citizenship: Israel

Mailing Address: Same as above

I, Slavik Negmer (name of first witness), whose residential address is
68, Frishman st., Tel Aviv, Israel
was personally presented and did see Amit Lieberman who is personally known to me, execute
the above assignment.

Slavik (signature of first witness)
Signed at Herzliya (location of witness signature)
on this day 22/12, 20 15 (date of witness signature)

I, Alex Saan (name of second witness), whose residential address is
Meir Yaari 26, Tel Aviv, Israel
was personally presented and did see Amit Lieberman who is personally known to me, execute
the above assignment.

Alex (signature of second witness)
Signed at Herzliya (location of witness signature)
on this day 22 December, 20 15 (date of witness signature)

Date: _____

Inventor's Signature

Print full name of first inventor:

Yana Vaisman

Residence:

Irit 3
Netanya
ISRAEL

Citizenship:

Israel

Mailing Address:

Same as above

I, _____ (name of first witness), whose residential address is

_____,
was personally presented and did see Yana Vaisman who is personally known to me, execute the
above assignment.

(signature of first witness)

Signed at _____ (location of witness signature)

on this day _____, 20____ (date of witness signature)

I, _____ (name of second witness), whose residential address is

_____,
was personally presented and did see Yana Vaisman who is personally known to me, execute the
above assignment.

(signature of second witness)

Signed at _____ (location of witness signature)

on this day _____, 20____ (date of witness signature)

Date: 20-DEC-2015

1/10 22/11

Inventor's Signature

Print full name of first inventor:

Oded Peer

Residence:

Bilu St. 47/B
Raanana 4358147
ISRAEL

Citizenship:

Israel

Mailing Address:

Same as above

I, Topoliansky Daniel (name of first witness), whose residential address is
WEIZMAN 25A, HERZLIYA
was personally presented and did see Oded Peer who is personally known to me, execute the
above assignment.

[Signature] (signature of first witness)
Signed at EMC 20/12/2015 (location of witness signature)
on this day 20 DEC 2015, 20 (date of witness signature)

I, Yariv Amos (name of second witness), whose residential address is
Shabazi 14/5 Ramla
was personally presented and did see Oded Peer who is personally known to me, execute the
above assignment.

[Signature] (signature of second witness)
Signed at EMC- ISRAEL (location of witness signature)
on this day 20-DEC, 2015 (date of witness signature)

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