

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
ADRIAN DOBREAN	09/22/2015
DOROTA ZAK	09/23/2015
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:	14752717
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ATTORNEY DOCKET NUMBER:	6368P145
NAME OF SUBMITTER:	MICHAEL C. SUTLIFFE, REG. NO. 67366
SIGNATURE:	/Michael C. Sutliffe/
DATE SIGNED:	09/25/2015
Total Attachments: 3	
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ASSIGNMENT

WHEREAS, we, Adrian Dobrean and Dorota Zak, 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 METHOD AND SYSTEM TO DETECT AND DELETE UNCOMMITTED SAVE SETS OF A BACKUP (Application), 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 _____ as U.S. Application No. _____;

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 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;

AND, we hereby authorize our attorneys, EMC Corporation, to insert here in parentheses (U.S. Patent Application No. 14/752,717 filed June 26, 2015) 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: Sept 22, 2015

Inventor's Signature

Print full name of inventor:

Adrian Dobrea

Residence:

248 O'Donoghue Ave.
Oakville, Ontario L6H-3W6
CANADA

Citizenship:

Canada

Mailing Address:

Same as above

I David Wolski (name) whose residential address is 605 - 1900 Main St West, Hamilton, ON, L8S 4R8 was personally present and did see Adrian Dobrea (name of person signing the assignment) who is personally known to me, execute the above assignment.

(signature of first witness)

Signed at Sept 22 Burlington ON (location of witness signature)

on this day Sept 22 of 2015. (date of signature)

I Kwangyoung Jung (name) whose residential address is 134 - 5285 Palmetto pl, Mississauga, ON L5M 0H2 was personally present and did see Adrian Dobrea (name of person signing the assignment) who is personally known to me, execute the above assignment.

(signature of second witness)

Signed at Burlington, ON (location of witness signature)

on this day Sept 22 of 2015. (date of signature)

Date: Sept 23, 2015

Dorota Zak
Inventor's Signature

Print full name of inventor:

Dorota Zak

Residence:

3634 Molly Ave
Mississauga, Ontario L5A-3M5
CANADA

Citizenship:

Canada

Mailing Address:

Same as above

I MATTHEW BUCHMAN (name) whose residential address is 7525 18TH AVE NW, SEATTLE, WA 98117, USA was personally present and did see DOROTA ZAK (name of person signing the assignment) who is personally known to me, execute the above assignment.

[Signature] (signature of first witness)

Signed at BELLEVUE, WA, USA (location of witness signature)

on this day SEPT 23 of 2015. (date of signature)

I Mu Chai (name) whose residential address is 14903 SE 63rd, Bellevue, WA 98006 was personally present and did see Dorota Zak (name of person signing the assignment) who is personally known to me, execute the above assignment.

[Signature] (signature of second witness)

Signed at Bellevue. (location of witness signature)

on this day Sept. 23rd of 2015. (date of signature)