

PATENT ASSIGNMENT COVER SHEET

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Stylesheet Version v1.2

EPAS ID: PAT3345043

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
SAIRAM VEERASWAMY	03/24/2015
ASSAF NATANZON	03/24/2015
NIR GOLDSCHMIDT	04/19/2015
ANAT PARUSH TZUR	05/06/2015
AJAY POTNIS	03/21/2015
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:	14674877
CORRESPONDENCE DATA	
Fax Number:	(415)386-4342
<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>	
Phone:	510-295-9328
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Correspondent Name:	EMC CORPORATION OUTSIDE COUNSEL STANIFOR
Address Line 1:	P.O. BOX 591838
Address Line 4:	SAN FRANCISCO, CALIFORNIA 94159
ATTORNEY DOCKET NUMBER:	EMC-14-1051 (EM1.43U)
NAME OF SUBMITTER:	GEOFFREY T. STANIFORD
SIGNATURE:	/GEOFFREY T. STANIFORD/
DATE SIGNED:	05/08/2015
Total Attachments: 7	
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ASSIGNMENT

WHEREAS, we, Sairam Veeraswamy, Assaf Natanzon, Nir Goldschmidt, Anat Parush Tzur and Ajay Potnis 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 METADATA ANALYTICS FOR ONLINE FRAGMENTATION DETECTION ON UNIX FILE SYSTEMS AND COMMON BLOCK FILE SYSTEMS (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 March 31, 2015 as U.S. Application No. 14/674,877;
- 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 (_____) 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: 24/3/2015



Inventor's Signature

Print full name of first inventor:

Sairam Veeraswamy

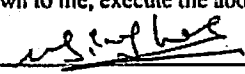
Residence:

C-320 Manchester Grand
MG Road
Avarampalayam
Coimbatore - 641006
Tamilnadu, India
India
Same as above

Citizenship: INDIAN

Mailing Address:

I, Ubanshu Singhal (name) whose residential address is D-361, HABITAT 3P, SANGHVI ITPL ROAD, BANGALORE-37 was personally present and did see SAIRAM VEERASWAMY (name of person signing the assignment) who is personally known to me, execute the above assignment.

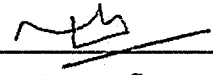


(signature of first witness)

Signed at BMC, Bangalore (location of witness signature)

on this day 24th MARCH of 2015. (date of signature)

I, ANIMESH SINGH (name) whose residential address is 89, TROPICAL PARADISE, HARALUR RD. KVDLU - BLORE - 68 was personally present and did see SAIRAM VEERASWAMY (name of person signing the assignment) who is personally known to me, execute the above assignment.



(signature of second witness)

Signed at EMC, BANGALORE (location of witness signature)

on this day 24th MARCH of 2015. (date of signature)

Date: 24/3/2015



Inventor's Signature

Print full name of second inventor: Assaf Natanzon
Residence: Levanon 95
Tel Avi, Israel 69345
Citizenship: Israel
Mailing Address: Same as above

I Gal Hirsch (name) whose residential address is Alharonivitz 10 Rehovot was personally present and did see Assaf Natanzon (name of person signing the assignment) who is personally known to me, execute the above assignment.

Pin E (signature of first witness)

Signed at Hertzliya (location of witness signature)

on this day 24.3. of 2015. (date of signature)

I Primi Zou (name) whose residential address is Emma Toubra 6 Herzliya was personally present and did see Assaf Natanzon (name of person signing the assignment) who is personally known to me, execute the above assignment.

Primi Zou (signature of second witness)

Signed at Herzliya (location of witness signature)

on this day 24-3 of 2015. (date of signature)

Date: 10/4/15



Inventor's Signature
Nir Goldschmidt

Print full name of third inventor:

Residence: Israel
Citizenship: Israel
Mailing Address: 93 Sokolov Street
Herzlia Israel

I Ron Goldschmidt (name) whose residential address is
Sokolov 93 Herzliya was personally
present and did see Nir Goldschmidt (name of person signing the assignment) who is personally
known to me, execute the above assignment.




(signature of first witness)

Signed at EMC Herzliya (location of witness signature)

on this day 19/10 of 2015. (date of signature)

I Liat Raveh (name) whose residential address is
Shoshana Haamakim 52A Zoran was personally
present and did see Nir Goldschmidt (name of person signing the assignment) who is personally
known to me, execute the above assignment.



(signature of second witness)

Signed at EMC Herzliya (location of witness signature)

on this day 19.4 of 2015. (date of signature)

Date: 01/5/15

[Signature]
Inventor's Signature

Print full name of forth inventor:

Anat Parush Tzur

Residence:

Mivza Horev 6
Beer-Sheva, Israel 8445028

Citizenship:

Israel

Mailing Address:

Same as above

I Guy Tzur (name) whose residential address is Mivza Horev 6, Beer Sheva was personally present and did see Anat Parush Tzur (name of person signing the assignment) who is personally known to me, execute the above assignment.

[Signature] (signature of first witness)

Signed at Beer Sheva (location of witness signature)

on this day 6.5 of 2015. (date of signature)

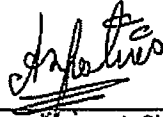
I AYA PARUSH (name) whose residential address is YADIN 8 RISHON was personally present and did see ANAT PARUSH TZUR (name of person signing the assignment) who is personally known to me, execute the above assignment.

[Signature] (signature of second witness)

Signed at BEER SHEVA (location of witness signature)

on this day 6.5. of 2015. (date of signature)

Date: 21 March 2015



Inventor's Signature

Print full name of fifth inventor:

Ajay Potnis

Residence:

405 Woodland Avenue
Kothrud, Pune
Maharashtra, India 411038

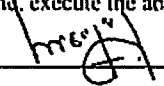
Citizenship:

India

Mailing Address:

Same as above

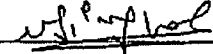
I SREEJAY PUTHIAPURAYIL (name) whose residential address is 15G, ASSET GARDENIA ENclave, WHITEFIELD VARTHUK ROAD BANGALORE was personally present and did see AJAY POTNIS (name of person signing the assignment) who is personally known to me, execute the above assignment.

 (signature of first witness)

Signed at BANGALORE (location of witness signature)

on this day 24th MARCH of 2015. (date of signature)

I UPANSHU SINGHAL (name) whose residential address is D-301, HABITAT CHENNAI, TTP ROAD BANGALORE - 37 was personally present and did see _____ (name of person signing the assignment) who is personally known to me, execute the above assignment.

 (signature of second witness)

Signed at BMC, Bangalore (location of witness signature)

on this day 24th March of 2015. (date of signature)