503245028 03/31/2015

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
THOMAS MANVILLE	03/31/2015
JULIO LOPEZ	03/31/2015

RECEIVING PARTY DATA

Name:	MAGINATICS LLC
Street Address:	888 VILLA ST.
City:	MOUNTAIN VIEW
State/Country:	CALIFORNIA
Postal Code:	94041

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	14675454

CORRESPONDENCE DATA

Fax Number: (408)973-2595

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using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.

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Correspondent Name: VAN PELT, YI & JAMES LLP AND EMC CORPORA

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ATTORNEY DOCKET NUMBER:	EMCMP011
NAME OF SUBMITTER:	WILLIAM J. JAMES
SIGNATURE:	/william j. james/
DATE SIGNED:	03/31/2015

Total Attachments: 5

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ASSIGNMENT

WHEREAS, we, Thomas Manville and Julio Lopez 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 *REDUCING DATABASE FRAGMENTATION*, 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 onas U.S. Application No;
[]	was patented under U.S. Patent Noon

WHEREAS, Maginatics LLC (hereinafter "ASSIGNEE"), a limited liability company organized and existing under the laws of the Commonwealth of Delaware and having a usual place of business at 888 Villa St., Mountain View, CA 94041 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

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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: 3/3/2015	The Man
	Inventor's Signature
Print full name of first inventor:	Thomas Manville
Residence:	Mountain View, CA
Citizenship:	United States of America
Mailing Address:	888 Villa St.
	Mountain View, CA 94041
who proved to me on the basis of satisfactor subscribed to the within instrument and acl in his/her/their authorized capacity(ies), an	, 20, before me appeared
I certify under PENALTY OF PERJURY of foregoing paragraph is true and correct.	under the laws of the State of California that the
WITNESS my hand and official seal.	
	Notary Public
	Print Name:
	My Commission expires//

Date: March 31/2015	
	Inventor's Signature
Print full name of second inventor:	Julio Lopez
Residence:	Mountain View, CA
Citizenship:	Colombia
Mailing Address:	888 Villa St.
	Mountain View, CA 94041
STATE OF	
COUNTY OF	
who proved to me on the basis of satisfactor subscribed to the within instrument and ackr in his/her/their authorized capacity(ies), and	y evidence to be the person(s) whose name(s) is/are nowledged to me that he/she/they executed the same that by his/her/their signature(s) on the instrument hich the person(s) acted, executed the instrument.
I certify under PENALTY OF PERJURY ur foregoing paragraph is true and correct.	nder the laws of the State of California that the
WITNESS my hand and official seal.	
	Notary Public
	Print Name:
	My Commission expires / /

CALIFORNIA ALL-PURPOSE ACKNOWLEDGMENT

document to which this certificate is attached, and not the	te verifies only the identity of the individual who signed the e truthfulness, accuracy, or validity of that document.
State of California) County of	
On 03-3/-2015 before me, Re.	NK IKebe Notaky Public Here Insert Name and Title of the Officer
personally appeared Thomas M	ANVILLE
Julio Lope	Name(s) of Signer(s)
who proved to me on the basis of satisfactory subscribed to the within instrument and acknowle	evidence to be the persons whose names is/aredged to me that he/she/they executed the same is/he/their signatures on the instrument the persons
	certify under PENALTY OF PERJURY under the law of the State of California that the foregoing paragrap is true and correct.
COMM. # 1983587 O	Signature Of Notary Public
Place Notary Seal Above	
Though this section is optional, completing this	IONAL information can deter alteration of the document or form to an unintended document.
Description of Attached Document Title or Type of Document: Assignment Number of Pages: 4 Signer(s) Other Than	EMcMp 0// Document Date: 03-3/-20 / Named Above:
Capacity(ies) Claimed by Signer(s) Signer's Name: Corporate Officer — Title(s): Partner — Limited General Individual Attorney in Fact Trustee Guardian or Conservator Other: Signer Is Representing:	Signer's Name: Corporate Officer — Title(s): Partner — Limited General Individual Attorney in Fact Guardian or Conservator

PATENT REEL: 035304 FRAME: 0793

RECORDED: 03/31/2015