

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

EPAS ID: PAT3164201

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
Matthew C. McCline	06/23/2009
Luke Lonergan	06/23/2009
Kurt Harriman	06/27/2009
John Glenn Eshleman	06/24/2009
Alon Goldshuv	06/23/2009
Jeffrey Ira Cohen	06/23/2009
RECEIVING PARTY DATA	
Name:	PIVOTAL SOFTWARE, INC.
Street Address:	3495 DEER CREEK ROAD
City:	PALO ALTO
State/Country:	CALIFORNIA
Postal Code:	94304
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	14264329
CORRESPONDENCE DATA	
Fax Number:	(877)769-7945
<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:	(612) 335-5070
Email:	apsi@fr.com
Correspondent Name:	NOEL P. GORDANIER
Address Line 1:	FISH & RICHARDSON P.C.
Address Line 2:	P.O.BOX 1022
Address Line 4:	MINNEAPOLIS, MINNESOTA 55440-1022
ATTORNEY DOCKET NUMBER:	38727-0016002
NAME OF SUBMITTER:	KRISTINE M. MCGUIRK
SIGNATURE:	/Kristine M. McGuirk/
DATE SIGNED:	12/29/2014
Total Attachments: 13	

PATENT

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**UNITED STATES PATENT AND TRADEMARK OFFICE**UNDER SECRETARY OF COMMERCE FOR INTELLECTUAL PROPERTY AND
DIRECTOR OF THE UNITED STATES PATENT AND TRADEMARK OFFICE

500905752A

JULY 09, 2009

PTAS

COOLEY GODWARD KRONISH LLP ATTN: PATENT
777 6TH STREET NW, SUITE 1100
WILLIAM S. GALLIANI/PA
WASHINGTON, DC 20001UNITED STATES PATENT AND TRADEMARK OFFICE
NOTICE OF RECORDATION OF ASSIGNMENT DOCUMENTTHE ENCLOSED DOCUMENT HAS BEEN RECORDED BY THE ASSIGNMENT DIVISION OF
THE U.S. PATENT AND TRADEMARK OFFICE. A COMPLETE MICROFILM COPY IS
AVAILABLE AT THE ASSIGNMENT SEARCH ROOM ON THE REEL AND FRAME NUMBER
REFERENCED BELOW.PLEASE REVIEW ALL INFORMATION CONTAINED ON THIS NOTICE. THE
INFORMATION CONTAINED ON THIS RECORDATION NOTICE REFLECTS THE DATA
PRESENT IN THE PATENT AND TRADEMARK ASSIGNMENT SYSTEM. IF YOU SHOULD
FIND ANY ERRORS OR HAVE QUESTIONS CONCERNING THIS NOTICE, YOU MAY
CONTACT THE EMPLOYEE WHOSE NAME APPEARS ON THIS NOTICE AT 571-272-3350.
PLEASE SEND REQUEST FOR CORRECTION TO: U.S. PATENT AND TRADEMARK OFFICE,
MAIL STOP: ASSIGNMENT SERVICES BRANCH, P.O. BOX 1450, ALEXANDRIA, VA 22313.

RECORDATION DATE: 07/08/2009

REEL/FRAME: 022931/0368
NUMBER OF PAGES: 7BRIEF: ASSIGNMENT OF ASSIGNOR'S INTEREST (SEE DOCUMENT FOR DETAILS).
DOCKET NUMBER: GREP-002/00US 310568-2002ASSIGNOR:
MCCLINE, MATTHEW CLARK

DOC DATE: 06/23/2009

ASSIGNOR:
LONERGAN, LUKE

DOC DATE: 06/23/2009

ASSIGNOR:
HARRIMAN, KURT

DOC DATE: 06/27/2009

ASSIGNOR:
ESHLEMAN, JOHN GLENN

DOC DATE: 06/24/2009

ASSIGNOR:
GOLDSHUV, ALON

DOC DATE: 06/23/2009

ASSIGNOR:
COHEN, JEFFREY IRA

DOC DATE: 06/23/2009

COOLEY GODWARD KRONISH LLP ATTN: PATENT COMPANY: 777 K STREET NW, SUITE 1

022931/0368 PAGE 2

ASSIGNEE:

GREENPLUM, INC.
1900 S. NORFOLK, SUITE 224
SAN MATEO, CALIFORNIA 94403

SERIAL NUMBER: 12499697

FILING DATE:

PATENT NUMBER:

ISSUE DATE:

TITLE: APPARATUS AND METHOD FOR READ OPTIMIZED BULK DATA STORAGE

KIMBERLY WHITE, EXAMINER
ASSIGNMENT SERVICES BRANCH
PUBLIC RECORDS DIVISION

PATENT ASSIGNMENT

Electronic Version v1.1
Stylesheet Version v1.1

07/08/2009
500905752

SUBMISSION TYPE:

NEW ASSIGNMENT

NATURE OF CONVEYANCE:

ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
MATTHEW CLARK McCCLINE	06/23/2009
LUKE LONERGAN	06/23/2009
KURT HARRIMAN	06/27/2009
JOHN GLENN ESHLEMAN	06/24/2009
ALON GOLDSHUV	06/23/2009
JEFFREY IRA COHEN	06/23/2009

RECEIVING PARTY DATA

Name:	GREENPLUM, INC.
Street Address:	1900 S. NORFOLK, SUITE 224
City:	SAN MATEO
State/Country:	CALIFORNIA
Postal Code:	94403

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	12499697

CORRESPONDENCE DATA

Fax Number: (202)842-7899

Correspondence will be sent via US Mail when the fax attempt is unsuccessful.

Phone: 6508435622

Email: bjutras@cooley.com

Correspondent Name: COOLEY GODWARD KRONISH LLP ATTN: Patent

Address Line 1: 777 6th Street NW, Suite 1100

Address Line 2: William S. Galliani/PA

Address Line 4: WASHINGTON, DISTRICT OF COLUMBIA 20001

ATTORNEY DOCKET NUMBER:

GREP-002/00US 310568-2002

CH \$40.00 12499697

COOLEY GODWARD KRONISH LLP ATTN: PATENT COMPANY: 777 ... STREET NW, SUITE 1

NAME OF SUBMITTER:

William S. Galiani

Total Attachments: 5

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ASSIGNMENT

MATTHEW CLARK McCLINE residing at 737 Celestial Lane, Foster City, CA 94404; LUKE LONERGAN residing at 385 Portofino Dr., San Carlos, CA 94070; KURT HARRIMAN residing at 854 Rae Lane, Novato, CA 94947; JOHN GLENN ESHLEMAN residing at 2289 Armada Way, San Mateo, CA 94404; ALON GOLDSHUV residing at 64 Gordon St, Apt 8, Tel Aviv 64385 Israel; and JEFFREY IRA COHEN residing at 499 East McKinley Ave., Sunnyvale, CA 94086 (each referred to as "Assignor") have made an invention(s) (the "Invention(s)") set forth in an application for patent of the United States, entitled APPARATUS AND METHOD FOR READ OPTIMIZED BULK DATA STORAGE, and which is a:

- (1) ☐ provisional application
 (a) ☐ to be filed herewith; or
 (b) ☐ bearing Application No. _____, and filed on _____; or
- (2) ☒ non-provisional application
 (a) ☒ to be filed herewith; or
 (b) ☐ bearing Application No. _____, and filed on _____.

WHEREAS, GREENPLUM, INC., a corporation duly organized under and pursuant to the laws of Delaware, and having its principal place of business at 1900 S. Norfolk, Suite 224, San Mateo, CA 94403 (the "Assignee"), is desirous of acquiring the entire right, title, and interest in: the Invention; the application for patent identified in paragraph (1) or (2); the right to file applications for patent of the United States or other countries on the Invention; any application for patent of the United States or other countries claiming priority to these application; any provisional or other right to recover damages, including royalties, for prior infringements of these applications; and any patent of the United States or other countries that may be granted therefore or thereon.

NOW, THEREFORE, for good and sufficient consideration, the receipt of which is hereby acknowledged, and to the extent that the Assignor has not done so already via a prior agreement with the Assignee, or if the Assignor has already done so via a prior agreement with the Assignee then in confirmation of any obligation to do so in said prior agreement, the Assignor has sold, assigned, transferred, and set over, and by these presents does sell, assign, transfer, and set over, unto the Assignee, its successors, legal representatives, and assigns, the Assignor's entire right, title, and interest in:

- (a) the Invention(s);
- (b) the application for patent identified in paragraph (1) or (2);
- (c) the right to file applications for patent of the United States or other countries on the Invention(s), including all rights under the Paris Convention for the Protection of Industrial Property and under the Patent Cooperation Treaty;
- (d) any application(s) for patent of the United States or other countries claiming the Invention(s);
- (e) any application(s) for patent of the United States or other countries claiming priority to the application for patent identified in paragraph (1) or (2) or any application(s) for patent claiming the Invention(s), including any division(s), continuation(s), and continuation(s)-in-part; and
- (f) any provisional or other right to recover damages, including royalties, for prior infringements of any application for patent identified in the preceding paragraphs (b)-(e); and

(g) any patent(s) of the United States or other countries that may be granted for or on any application for patent identified in the preceding paragraphs (b) – (e), including any reissue(s) and extension(s) of said patent(s).

The above-granted rights, titles, and interests are to be held and enjoyed by the Assignee, for its own use and behalf and the use and behalf of its successors, legal representatives, and assigns, as fully and entirely as the same would have been held and enjoyed by the Assignor had this sale and assignment not been made.

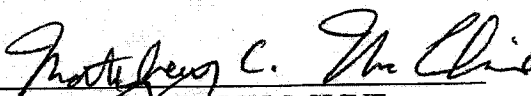
The Assignor hereby represents to the Assignee, its successors, legal representatives, and assigns, that, at the time of execution and delivery of these presents, or if applicable, at such time said prior agreement was executed, the Assignor is a lawful owner of an undivided interest in the entire right, title, and interest in and to the Invention(s), that the Invention(s) are unencumbered, except, if applicable, by obligation to assign in accordance with said prior agreement, and that the Assignor has good and full right and lawful authority to sell and convey the same in the manner set forth herein.

The Assignor hereby covenants and agrees to and with the Assignee, its successors, legal representatives, and assigns, that the Assignor will sign all papers and documents, take all lawful oaths, and do all acts necessary or required to be done in connection with any and all proceedings for the procurement, maintenance, enforcement and defense of the Invention(s), said applications, and said patents, including interference proceedings, without charge to the Assignor, its successors, legal representatives, and assigns, but at the cost and expense of the Assignee, its successors, legal representatives, and assigns.

The Assignor hereby authorizes and requests the attorneys of COOLEY GODWARD KRONISH LLP to insert in the spaces provided above the filing date, the application number, and the attorney docket number of the application identified in paragraph (1) or (2) when known.

The Assignor hereby requests the Commissioner of Patents to issue said patents of the United States to the Assignee for the sole use and behalf of the Assignee, its successors, legal representatives, and assigns.

Date: 6/23/2009

By: 
MATTHEW CLARK MCCLINE

Date: 6/23/2009

By: 
LUKE LONERGAN

Date: _____

By: _____
KURT HARRIMAN

Date: _____

By: _____
JOHN GLENN ESHLEMAN

Date: _____

By: _____
ALON GOLDSHUV

Date: 6/23/2009

By: 
JEFFREY IRA COHEN

(g) any patent(s) of the United States or other countries that may be granted for or on any application for patent identified in the preceding paragraphs (b) – (e), including any reissue(s) and extension(s) of said patent(s).

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Date: _____

By: _____
MATTHEW CLARK McCCLINE

Date: _____

By: _____
LUKE LONERGANDate: 6-27-2009By: Kurt Harriman
KURT HARRIMAN

Date: _____

By: _____
JOHN GLENN ESHLEMAN

Date: _____

By: _____
ALON GOLDSHUV

Date: _____

By: _____
JEFFREY IRA COHEN

(g) any patent(s) of the United States or other countries that may be granted for or on any application for patent identified in the preceding paragraphs (b) – (e), including any reissue(s) and extension(s) of said patent(s).

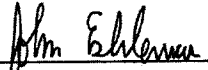
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The Assignor hereby requests the Commissioner of Patents to issue said patents of the United States to the Assignee for the sole use and behalf of the Assignee, its successors, legal representatives, and assigns.

Date: _____	By: _____ MATTHEW CLARK McCCLINE
Date: _____	By: _____ LUKE LONERGAN
Date: _____	By: _____ KURT HARRIMAN
Date: <u>6/24/2009</u>	By: <u></u> JOHN GLENN ESHLEMAN
Date: _____	By: _____ ALON GOLDSHUV
Date: _____	By: _____ JEFFREY IRA COHEN

Attorney Docket No. GREP-002/00US 310568-2002

Page 2

(g) any patent(s) of the United States or other countries that may be granted for or on any application for patent identified in the preceding paragraphs (b) - (e), including any reissue(s) and extension(s) of said patent(s).

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Date: _____

By: _____
MATTHEW CLARK McCLINE

Date: _____

By: _____
LUKE LONERGAN

Date: _____

By: _____
KURT HARRIMAN

Date: _____

By: _____
JOHN GLENN ESHLEMAN

Date: 6/23/09

By: _____
ALON GOLDSHUV

Date: _____

By: _____
JEFFREY IRA COHEN

796376 v1/PA

PATENT ASSIGNMENT

Electronic Version v1.1
Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
EMC Corporation	04/10/2013
RECEIVING PARTY DATA	
Name:	GoPivotal, Inc.
Street Address:	1900 S. Norfolk Street, Suite 125
City:	San Mateo
State/Country:	CALIFORNIA
Postal Code:	94403
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	12499697
CORRESPONDENCE DATA	
Fax Number:	6503262799
Phone:	(650) 326-2701 ☎
Email:	Byoung@young-iplaw.com
Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent via US Mail.	
Correspondent Name:	Barry N. Young
Address Line 1:	P.O. Box 61197
Address Line 4:	Palo Alto, CALIFORNIA 94306
ATTORNEY DOCKET NUMBER:	G003-1601US/EMC-10-245
NAME OF SUBMITTER:	Barry N. Young
Signature:	/Barry N. Young/
Date:	05/23/2013
Total Attachments: 5 source=Assg#page1.tif	

PATENT

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source=Assg#page4.tif
source=1601 Sched 1#page1.tif

RECEIPT INFORMATION

EPAS ID: PAT2401299
Receipt Date: 05/23/2013
Fee Amount: \$40

Delaware

PAGE 1

The First State

I, JEFFREY W. BULLOCK, SECRETARY OF STATE OF THE STATE OF DELAWARE, DO HEREBY CERTIFY THE ATTACHED IS A TRUE AND CORRECT COPY OF THE CERTIFICATE OF AMENDMENT OF "GOPIVOTAL, INC.", CHANGING ITS NAME FROM "GOPIVOTAL, INC." TO "PIVOTAL SOFTWARE, INC.", FILED IN THIS OFFICE ON THE THIRTY-FIRST DAY OF OCTOBER, A.D. 2013, AT 1:39 O'CLOCK P.M.


A FILED COPY OF THIS CERTIFICATE HAS BEEN FORWARDED TO THE NEW CASTLE COUNTY RECORDER OF DEEDS.

5311800 8100

131256388



You may verify this certificate online
at corp.delaware.gov/authver.shtml


Jeffrey W. Bullock, Secretary of State
AUTHENTICATION: 0858065

DATE: 10-31-13

PATENT
REEL: 034594 FRAME: 0643

**CERTIFICATE OF AMENDMENT
OF
AMENDED AND RESTATED CERTIFICATE OF INCORPORATION
OF
GOPIVOTAL, INC.**

It is hereby certified that:

1. The undersigned is the duly elected and acting Vice President of GoPivotal, Inc.
2. The name of the corporation (hereinafter called the "Corporation") is GoPivotal, Inc.
3. The Certificate of Incorporation of the Corporation was originally filed with the State of Delaware on April 1, 2013.
4. Pursuant to Section 242 of the General Corporation Law of the State of Delaware, this Certificate of Amendment of the Amended and Restated Certificate of Incorporation amends Article I of the Amended and Restated Certificate of Incorporation to read in full as follows:

**"ARTICLE I
NAME**

The name of the Corporation is Pivotal Software, Inc."

5. The amendment of the Amended and Restated Certificate of Incorporation herein has been duly adopted in accordance with the provisions of Sections 228 and 242 of the General Corporation Law of the State of Delaware.

Signed this 31st day of October, 2013.



Andrew Cohen, Vice President