

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

EPAS ID: PAT3490616

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|-----------------------------------|-------------------------------|-----------------------|
| SUBMISSION TYPE: | NEW ASSIGNMENT | |
| NATURE OF CONVEYANCE: | SECURITY AGREEMENT | |
| CONVEYING PARTY DATA | | |
| Name | | Execution Date |
| CATALOGIC SOFTWARE, INC. | | 08/19/2015 |
| RECEIVING PARTY DATA | | |
| Name: | SILICON VALLEY BANK | |
| Street Address: | 275 GROVE STREET, SUITE 2-200 | |
| City: | NEWTON | |
| State/Country: | MASSACHUSETTS | |
| Postal Code: | 02466 | |
| PROPERTY NUMBERS Total: 22 | | |
| Property Type | Number | |
| Application Number: | 09347931 | |
| Application Number: | 60693715 | |
| Application Number: | 11993634 | |
| Application Number: | 11993643 | |
| Application Number: | 61058071 | |
| Application Number: | 61058051 | |
| Application Number: | 12349069 | |
| Application Number: | 61166461 | |
| Application Number: | 12753626 | |
| Application Number: | 13070667 | |
| Application Number: | 13420816 | |
| Application Number: | 13555515 | |
| Application Number: | 13689224 | |
| Application Number: | 61809212 | |
| Application Number: | 61842554 | |
| Application Number: | 61842563 | |
| Application Number: | 14246078 | |
| Application Number: | 14251738 | |
| Application Number: | 14256993 | |
| Application Number: | 14284164 | |

PATENT

| Property Type | Number |
|---------------------|----------|
| Application Number: | 14322011 |
| Application Number: | 14322311 |

CORRESPONDENCE DATA

Fax Number: (800)494-7512

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.

Phone: 202-370-4750

Email: ipteam@nationalcorp.com

Correspondent Name: JOANNA MCCALL

Address Line 1: 1025 VERMONT AVE NW, SUITE 1130

Address Line 2: NATIONAL CORPORATE RESEARCH, LTD

Address Line 4: WASHINGTON, D.C. 20005

| | |
|--------------------------------|---------------------|
| ATTORNEY DOCKET NUMBER: | F157714 |
| NAME OF SUBMITTER: | LAURA A. KENERSON |
| SIGNATURE: | /Laura A. Kenerson/ |
| DATE SIGNED: | 08/20/2015 |

Total Attachments: 11

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INTELLECTUAL PROPERTY SECURITY AGREEMENT

This Intellectual Property Security Agreement (this "Agreement") is entered into as of August 19, 2015 by and between **SILICON VALLEY BANK**, a California corporation, with a loan production office located at 275 Grove Street, Suite 2-200, Newton, Massachusetts 02466 ("Bank") and **CATALOGIC SOFTWARE, INC.**, a Delaware corporation, with its principal place of business at 50 Tice Boulevard, Woodcliff Lake, New Jersey 07677 ("Grantor").

RECITALS

A. Bank has agreed to make certain advances of money and to extend certain financial accommodations to Grantor (the "Loans") in the amounts and manner set forth in that certain Loan and Security Agreement by and between Bank and Grantor dated as of July 17, 2014, as amended by a certain First Loan Modification Agreement dated as of the date hereof (as the same has been and may be further amended, modified or supplemented from time to time, the "Loan Agreement"; capitalized terms used herein are used as defined in the Loan Agreement). Bank is willing to make the Loans to Grantor, but only upon the condition, among others, that Grantor shall grant to Bank a security interest in its Copyrights, Trademarks, Patents, and Mask Works (as each term is described below) to secure the obligations of Grantor to Bank.

B. Pursuant to the terms of the Loan Agreement, Grantor has granted to Bank a security interest in all of Grantor's right, title and interest, whether presently existing or hereafter acquired, in, to and under all of the Collateral.

NOW, THEREFORE, for good and valuable consideration, receipt of which is hereby acknowledged, and intending to be legally bound, as collateral security for the prompt and complete payment when due of Grantor's obligations to Bank, Grantor hereby represents, warrants, covenants and agrees as follows:

AGREEMENT

1. Grant of Security Interest. To secure Grantor's obligations to Bank, Grantor grants and pledges to Bank a security interest in all of Grantor's right, title and interest in, to and under its intellectual property (all of which shall collectively be called the "Intellectual Property Collateral"), including, without limitation, the following:

(a) Any and all copyright rights, copyright applications, copyright registrations and like protections in each work of authorship and derivative work thereof, whether published or unpublished and whether or not the same also constitutes a trade secret, now or hereafter existing, created, acquired or held, including without limitation those set forth on Exhibit A attached hereto (collectively, the "Copyrights");

(b) Any and all trade secrets, and any and all intellectual property rights in computer software and computer software products now or hereafter existing, created, acquired or held;

(c) Any and all design rights that may be available to Grantor now or hereafter existing, created, acquired or held;

(d) All patents, patent applications and like protections including, without limitation, improvements, divisions, continuations, renewals, reissues, extensions and continuations-in-part of the same, including without limitation the patents and patent applications set forth on Exhibit B attached hereto (collectively, the "Patents");

(e) Any trademark and servicemark rights, whether registered or not, applications to register and registrations of the same and like protections, and the entire goodwill of the business of Grantor connected with and symbolized by such trademarks, including without limitation those set forth on Exhibit C attached hereto (collectively, the "Trademarks");

(f) All mask works or similar rights available for the protection of semiconductor chips, now owned or hereafter acquired, including, without limitation those set forth on Exhibit D attached hereto (collectively, the "Mask Works");

(g) Any and all claims for damages by way of past, present and future infringements of any of the rights included above, with the right, but not the obligation, to sue for and collect such damages for said use or infringement of the intellectual property rights identified above;

(h) All licenses or other rights to use any of the Copyrights, Patents, Trademarks, or Mask Works and all license fees and royalties arising from such use to the extent permitted by such license or rights;

(i) All amendments, extensions, renewals and extensions of any of the Copyrights, Trademarks, Patents, or Mask Works; and

(j) All proceeds and products of the foregoing, including, without limitation, all payments under insurance or any indemnity or warranty payable in respect of any of the foregoing.

2. Recordation. Grantor authorizes the Commissioner for Patents, the Commissioner for Trademarks and the Register of Copyrights and any other government officials to record and register this Agreement upon request by Bank.

3. Loan Documents. This Agreement has been entered into pursuant to and in conjunction with the Loan Agreement, which is hereby incorporated by reference. The provisions of the Loan Agreement shall supersede and control over any conflicting or inconsistent provision herein. The rights and remedies of Bank with respect to the Intellectual Property Collateral are as provided by the Loan Agreement and related documents, and nothing in this Agreement shall be deemed to limit such rights and remedies.

4. Execution in Counterparts. This Agreement may be executed in counterparts (and by different parties hereto in different counterparts), each of which shall constitute an original, but all of which when taken together shall constitute a single contract. Delivery of an executed counterpart of a signature page to this Agreement by facsimile or in electronic (i.e., "pdf" or "tif" format) shall be effective as delivery of a manually executed counterpart of this Agreement.

5. Successors and Assigns. This Agreement will be binding on and shall inure to the benefit of the parties hereto and their respective successors and assigns.


6. Governing Law. This Agreement and any claim, controversy, dispute or cause of action (whether in contract or tort or otherwise) based upon, arising out of or relating to this Agreement and the transactions contemplated hereby and thereby shall be governed by, and construed in accordance with, the

laws of the United States and the State of New York, without giving effect to any choice or conflict of law provision or rule (whether of the State of New York or any other jurisdiction).

IN WITNESS WHEREOF, the parties have caused this Intellectual Property Security Agreement to be duly executed by its officers thereunto duly authorized as of the first date written above.

GRANTOR:

CATALOGIC SOFTWARE, INC.

By: 
Name: Ken Barth
Title: President

BANK:

SILICON VALLEY BANK

By: _____
Name: _____
Title: _____

IN WITNESS WHEREOF, the parties have caused this Intellectual Property Security Agreement to be duly executed by its officers thereunto duly authorized as of the first date written above.

GRANTOR:

CATALOGIC SOFTWARE, INC.

By: _____

Name: _____

Title: _____

BANK:

SILICON VALLEY BANK

By: AL J. Bell

Name: Adam Milson

Title: Director

EXHIBIT A

Copyrights

| <u>Description</u> | <u>Registration/ Application Number</u> | <u>Registration/ Application Date</u> |
|--------------------------------|---|---|
| Backup express 2.2 | TXu001253051 | 5/9/2005 |
| Backup express 2.3 | TXu001253050 | 5/9/2005 |
| Backup express : release 1 | TXu001080563 | 1/29/2003 |
| Backup express : version 2.1.0 | TXu001080560 | 1/29/2003 |
| BACKUP EXPRESS RELEASE 3.0 | TXu001623933 | 6/20/2008 |

EXHIBIT B

Patents

| <u>Description</u> | <u>Country</u> | <u>Registration/ Application Number</u> | <u>Registration/ Application Date</u> |
|---|----------------|---|---|
| Method of performing a high-performance backup which gains efficiency by reading input file blocks sequentially | U.S. | 09/347,931 | 7/6/1999 |
| System and method for high performance enterprise data protection | U.S. | 60/693,715 | 6/24/2005 |
| System and method for high performance enterprise data protection | International | PCT/US2006/0244 78 | 6/23/2006 |
| System and method for virtualizing backup images | International | PCT/US2006/0244 79 | 6/23/2006 |
| System and method for high performance enterprise data protection | Australia | 2006/262045 | 6/23/2006 |
| System and method for high performance enterprise data protection | Canada | 2,613,359 | 6/23/2006 |
| System and method for high performance enterprise data protection | China | 2006/80030248.6 | 6/23/2006 |
| System and method for high performance enterprise data protection | China | 2011/10070005.8 | 6/23/2006 |
| System and method for high performance enterprise data protection | Europe | 2006/0785435.6 | 6/23/2006 |
| System and method for high performance enterprise data protection | Japan | 2008/518430 | 6/23/2006 |
| System and method for virtualizing backup images | Australia | 2006/262046 | 6/23/2006 |
| System and method for virtualizing backup images | Canada | 2,613,419 | 6/23/2006 |
| System and method for virtualizing backup images | China | 2006/80030218.5 | 6/23/2006 |
| System and method for virtualizing backup images | Europe | 2006/0785436.4 | 6/23/2006 |
| System and method for virtualizing backup images | Japan | 2008/518431 | 6/23/2006 |
| System and method for high performance enterprise data protection | U.S. | 11/993,634 | 12/21/2007 |

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| System and method for virtualizing backup images | U.S. | 11/993,643 | 12/21/2007 |
| System and method for high performance enterprise data protection | India | 10087/DELNP/2007 | 12/26/2007 |
| System and method for virtualizing backup images | India | 10093/DELNP/2007 | 12/26/2007 |
| Method for creating a consistent backup image of a storage volume without requiring a snapshot | U.S. | 61/058,071 | 6/2/2008 |
| Method for creating a consistent backup image of a storage volume without requiring a snapshot | U.S. | 61/058,051 | 6/2/2008 |
| System and method for virtualizing backup images | Hong Kong | 08111717.1 | 10/24/2008 |
| Method for creating a consistent backup image of a storage volume without requiring a snapshot | U.S. | 12/349,069 | 1/6/2009 |
| Methods for migrating data in a server that remains substantially available for use during such migration | U.S. | 61/166,461 | 4/3/2009 |
| System and method for high performance enterprise data protection | Hong Kong | 10100035.5 | 1/5/2010 |
| Methods for migrating data in a server that remains substantially available for use during such migration | U.S. | 12/753,626 | 4/2/2010 |
| System and method for high performance enterprise data protection | U.S. | 13/070,667 | 3/24/2011 |
| System and method for high performance enterprise data protection | Hong Kong | 11113835.9 | 12/22/2011 |
| System and method for high performance enterprise data protection | Australia | 2012/200446 | 1/25/2012 |
| System and method for high performance enterprise data protection | Europe | 2012/0001733 | 3/14/2012 |
| Method for creating a consistent backup image of a storage volume without requiring a snapshot | U.S. | 13/420,816 | 3/15/2012 |
| System and method for high performance enterprise data protection | U.S. | 13/555,515 | 7/23/2012 |
| System and method for virtualizing backup images | U.S. | 13/689,224 | 11/29/2012 |
| System and method for high performance enterprise data protection | Hong Kong | 13100864.8 | 1/18/2013 |
| System and method for high performance enterprise data protection | Japan | 2012/123674 | 5/14/2012 |
| Dedupe Data Bank | U.S. | 61/809,212 | 4/5/2013 |

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| Instant Data Center Recovery | U.S. | 61/842,554 | 7/3/2013 |
| Progressive Virtual LUN | U.S. | 61/842,563 | 7/3/2013 |
| System and method for high performance enterprise data protection | Japan | 2013/164168 | 8/7/2013 |
| System and method for high performance enterprise data protection | Europe | 13005349.9 | 11/13/2013 |
| De-Duplication Data Bank | U.S. | 14/246,078 | 4/5/2014 |
| Methods for migrating data in a server that remains substantially available for use during such migration | U.S. | 14/251,738 | 4/14/2014 |
| System and method for high performance enterprise data protection | U.S. | 14/256,993 | 4/21/2014 |
| Method for creating a consistent backup image of a storage volume without requiring a snapshot | U.S. | 14/284,164 | 5/21/2014 |
| Instant Data Center Recovery | U.S. | 14/322,011 | 7/2/2014 |
| Progressive Virtual LUN | U.S. | 14/322,311 | 7/2/2014 |

EXHIBIT C

Trademarks

| <u>Description</u> | <u>Country</u> | <u>Registration/ Application Number</u> | <u>Registration/ Application Date</u> |
|---|------------------------|---|---|
| BACKUP EXPRESS | United States | 2,070,604 | 6/10/1997 |
| BEX | European Community* | 9071391 | 2/23/2011 |
| BEX | United States | 3,854,263 | 9/28/2010 |
| BEX Instant Virtualization | United States | 3,883,617 | 11/30/2010 |
| CATALOGIC | Malaysia | 2013017416 | 12/24/2014 |
| CATALOGIC | Malaysia | 2013017420 | 12/24/2014 |
| CATALOGIC | Malaysia | 2013017415 | 12/24/2014 |
| CATALOGIC | United States | 4,682,813 | 2/3/2015 |
| CATALOGIC | WIPO - Int'l Reg. | 1191489 | 12/18/2013 |
| CATALOGIC SOFTWARE (& Design) | United States | 4780838 | 7/28/2015 |
|  CATALOGIC | | | |
| DPX | Japan | 5612844 | 9/6/2013 |
| DPX | United States | 4,391,873 | 8/27/2013 |
| ECX | Japan | 5612845 | 9/6/2013 |
| ECX | United States | 4,391,872 | 8/27/2013 |
| NSB | United States | 4,342,743 | 5/28/2013 |

EXHIBIT D

Mask Works

Description

Registration/
Application
Number

Registration/
Application
Date

None.

1871912.3