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TRADEMARK ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 ETAS ID: TM301754

| SUBMISSION TYPE: | NEW ASSIGNMENT |
|-----------------------|--------------------------|
| NATURE OF CONVEYANCE: | RELEASE BY SECURED PARTY |

CONVEYING PARTY DATA

| Name | Formerly | Execution Date | Entity Type |
|---------------|----------|----------------|----------------------------------|
| Comerica Bank | | 10/20/2006 | Banking Corporation: MICHIGAN |

RECEIVING PARTY DATA

| Name: | Serena Software, Inc. (successor by Merger to Pacific Edge Software, Inc.) |
|-------------------|----------------------------------------------------------------------------|
| Street Address: | 1850 Gateway Drive |
| Internal Address: | 4th Floor |
| City: | San Mateo |
| State/Country: | CALIFORNIA |
| Postal Code: | 94404 |
| Entity Type: | CORPORATION: DELAWARE |

PROPERTY NUMBERS Total: 1

| Property Type | Number | Word Mark |
|----------------------|---------|-----------|
| Registration Number: | 3291794 | MARINER |

CORRESPONDENCE DATA

Fax Number: 2124464900

Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent via

US Mail.

Email: susan.zablocki@kirkland.com

Correspondent Name: Susan Zablocki
Address Line 1: Kirkland & Ellis LLP
Address Line 2: 601 Lexington Avenue

Address Line 4: New York, NEW YORK 10022

| ATTORNEY DOCKET NUMBER: | 22783-37 |
|-------------------------|------------------|
| NAME OF SUBMITTER: | Susan zablocki |
| SIGNATURE: | /susan zablocki/ |
| DATE SIGNED: | 04/16/2014 |

Total Attachments: 6

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RELEASE OF SECURITY INTEREST IN INTELLECTUAL PROPERTY

This RELEASE OF SECURITY INTEREST IN INTELLECTUAL PROPERTY (this "Release") is entered into as of October 20, 2006 ("Effective Date") by COMERICA BANK, a Michigan banking corporation, with an address at 75 East Trimble Road, N/C 4770, San Jose, California 95131 ("Bank"), in favor of SERENA SOFTWARE, INC. (successor by merger to Pacific Edge Software, Inc.), a Delaware corporation, with an address at 1850 Gateway Drive, 4th Floor, San Mateo, California 94404 ("Grantor"). Capitalized terms not defined herein shall have the meanings assigned to them in the Loan Agreement (as defined below).

WHEREAS, Bank agreed to make certain advances of money and to extend certain financial accommodations to Grantor in the amounts and manner set forth in that certain Loan and Security Agreement by and between Bank and Grantor dated as of December 27, 2005 (as the same may be amended, modified or supplemented from time to time, the "Loan Agreement");

WHEREAS, pursuant to the terms of the Loan Agreement, Bank and Grantor entered into that certain Intellectual Property Security Agreement dated December 27, 2005 (the "IP Security Agreement"), whereby Grantor granted to Bank a security interest in all of Grantor's right, title and interest in, to and under the Intellectual Property Collateral (including, without limitation, those Copyrights, Patents and Trademarks listed on Exhibits A, B and C hereto), and including, without limitation, all proceeds thereof (such as, by way of example but not by way of limitation, license royalties and proceeds of infringement suits), the right to sue for past, present and future infringements, all rights corresponding thereto throughout the world and all re-issues, divisions, continuations, renewals, extensions and continuations-in-part thereof;

WHEREAS, the IP Security Agreement was recorded with the United States Patent and Trademark Office on February 8, 2006 at Reel/Frame 017140/0898 and on February 15, 2006 at Reel/Frame 017171/0975 with respect to Patents, and on February 8, 2006 at Reel/Frame 3243/0359 and on February 15, 2006 at Reel/Frame 3247/0826 with respect to Trademarks; and with the United States Copyright Office on February 14, 2005 at Volume/Document 3534/970 and on February 16, 2006 at Volume/Document 3535/015 with respect to Copyrights; and

WHEREAS, Grantor has paid all of its outstanding indebtedness to Bank.

NOW, THEREFORE, for good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, Bank hereby terminates the IP Security Agreement, and hereby terminates, cancels and releases any and all security interests it has in, to and under the Intellectual Property Collateral. The Bank authorizes and requests that the United States Copyright Office, the Commissioner of Patents and Trademarks and any other applicable government officer record this Release.

Bank shall take all further actions, and provide to Grantor, its successors, assigns or other legal representatives, all such cooperation and assistance (including, without limitation,

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the execution and delivery of any and all documents or other instruments), reasonably requested by Grantor to more fully and effectively effectuate the purposes of this Release.

* * * * *

IN WITNESS WHEREOF, Bank has caused this Release to be duly executed by its officer thereunto duly authorized as of the Effective Date.

COMERICA BANK

Name:

Title: >ENTIN VICE PAGI

EXHIBIT A

Copyrights

| Description | Registration Number | Registration Date |
|-----------------------------------------------------------------------------------------------------------------------------------|------------------------|-------------------|
| Portfolio Edge v.3.0 | TX6038330 | 09/08/2004 |
| Portfolia edge : 2.0 : object code | TX5838969 | 11/11/3003 |
| Project office: v.4.0 | TX5647274 | 10/24/2002 |
| Portfolio edge 1.0 | TX5594467 | 08/08/2002 |
| Project Office reports verifier: version 3.1 | TX5586209 | 08/08/2002 |
| Project Office Alerts: version 3.1 | TX5586208 | 08/08/2002 |
| Project office 3.1 | TX5436233 | 11/13/2001 |
| Project Office eXpress 3.0 | TX5177039 | 09/12/2000 |
| Project office eXpress 2.0 | TX5201314 | 05/26/2000 |
| Project office 1.5 | TX5201313 | 05/26/2000 |
| Project office eXpress 1.5 | TX5201312 | 05/26/2000 |
| Project Office ALERTS! 1.0 | TX5162493 | 09/12/2000 |
| Project office 3.0 | TX5114199 | 05/26/2000 |
| Project Office 2.0: organization-wide project management that proves simple is good: complete integration with Microsoft Project! | TX5114152 | 05/26/2000 |
| Project Office | TX4917024 | 02/05/1999 |

EXHIBIT B

Patents

| Description | Patent Application No./Issued Patent No. | Date |
|---------------------------------------------------------------------------------------------------------|------------------------------------------------------|----------|
| METHOD AND SYSTEM FOR OBJECT-ORIENTED MANAGEMENT OF MULTI-DIMENSIONAL DATA (Docket No. 730128.40) | 10/613,534 Published as 2004/0236655 | 07/03/03 |
| METHOD AND SYSTEM FOR OBJECT-ORIENTED | 10/894,658 | 07/19/04 |
| MANAGEMENT OF MULTI-DIMENSIONAL DATA (Docket No. 730128.401C1) | Published as 2004/0114243 | |
| METHOD AND SYSTEM FOR OBJECT-ORIENTED | US2004/015613 | 05/19/04 |
| MANAGEMENT OF MULTI-DIMENSIONAL DATA (Docket No. 730128.401FC) | Published as 2004/104777 | |
| METHOD AND SYSTEM FOR OBJECT-ORIENTED | US2005/025643 | 07/19/05 |
| MANAGEMENT OF MULTI-DIMENSIONAL DATA (Docket No. 730128.40101FC) | Not published | |
| METHOD AND SYSTEM FOR OBJECT-ORIENTED MANAGEMENT OF MULTI-DIMENSIONAL DATA (Dockel No. 730128.401GB) | Application number not assigned | 05/19/04 |
| METHOD AND SYSTEM FOR OBJECT-ORIENTED | 60/471,811 | 05/19/03 |
| MANAGEMENT OF MULTI-DIMENSIONAL DATA (Docket No. 730128.401P1) | Abandoned (filed non-provisional – 730128.401) | |

EXHIBIT C

Trademarks

| Description | Registration/ Application Number | Registration/ Application Date |
|-------------------------|-------------------------------------|-----------------------------------|
| MARINER | 78-699,415 | 8/24/2005 |
| GOVERNANCE ACCELERATOR | 78-458,080 | 7/28/2004 |
| PORTFOLIO KNOWLEDGE | 2,816,197 | 2/24/2004 |
| PORTFOLIO EDGE | 2,766,260 | 9/23/2003 |
| PACIFIC EDGE | 2,829,088 | 4/6/2004 |
| THE EDGE FOR IT | 2,660,757 | 12/10/2002 |
| ACCEL IMPLEMENTATION | 2,657,085 | 12/3/2002 |
| PROJECT OFFICE INMOTION | 76-122,950 | 9/6/2000 |
| PROJECT OFFICE | 75-325,661 | 10/29/2002 |

RECORDED: 04/16/2014