PATENT ASSIGNMENT COVER SHEET

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	RELEASE OF SECURITY INTEREST RECORDED AT REEL/FRAME 032679/0596

CONVEYING PARTY DATA

Name	Execution Date
CREDIT SUISSE AG, CAYMAN ISLANDS BRANCH	05/02/2016

RECEIVING PARTY DATA

Name:	SERENA SOFTWARE, INC.
Street Address:	1850 GATEWAY DRIVE, 4TH FLOOR
City:	SAN MATEO
State/Country:	CALIFORNIA
Postal Code:	94404

PROPERTY NUMBERS Total: 19

Property Type	Number
Patent Number:	6327587
Patent Number:	6601058
Patent Number:	6253236
Patent Number:	6263348
Patent Number:	6393438
Patent Number:	6480834
Patent Number:	6513048
Patent Number:	6691125
Patent Number:	6912539
Patent Number:	7269583
Patent Number:	7934221
Patent Number:	8266591
Patent Number:	8397208
Patent Number:	7853508
Patent Number:	7778899
Patent Number:	8584082
Application Number:	11848161
Application Number:	12207477
Application Number:	12207384

CORRESPONDENCE DATA

Fax Number:	(312)862-2200

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:	312-862-6371
Email:	renee.prescan@kirkland.com
Correspondent Name:	RENEE PRESCAN
Address Line 1:	300 NORTH LASALLE STREET
Address Line 2:	KIRKLAND & ELLIS LLP
Address Line 4:	CHICAGO, ILLINOIS 60654

ATTORNEY DOCKET NUMBER:	39572-26 RMP
NAME OF SUBMITTER:	RENEE M. PRESCAN
SIGNATURE:	/Renee M. Prescan/
DATE SIGNED:	05/02/2016

Total Attachments: 5

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RELEASE OF PATENT SECURITY INTEREST

This Release of Patent Security Interest (this "Release") made as of May 2, 2016, is granted by CREDIT SUISSE AG, Cayman Islands Branch, a Swiss Bank with offices located at 11 Madison Avenue, New York, New York 10010, in its capacity as collateral agent for the secured parties (in such capacity, the "Collateral Agent"), in favor of Serena Software, Inc., a Delaware corporation with offices located at 1850 Gateway Drive, 4th Floor, San Mateo, CA 94404 (the "Pledgor"). Capitalized terms used but not otherwise defined herein shall have the meanings ascribed to those terms in the Patent Security Agreement, or if not defined therein, in the Security Agreement (as defined below), or if not defined in the Patent Security Agreement or the Security Agreement, in the Credit Agreement (as defined below).

WHEREAS, Pledgor and the Collateral Agent are parties to a (i) that certain Credit Agreement, dated as of April 14, 2014 (as amended, restated, supplemented or otherwise modified from time to time, the "Credit Agreement"); and (ii) that certain Security Agreement, dated as of April 14, 2014 (as amended, amended and restated, supplemented, waived or otherwise modified from time to time, the "Security Agreement") in favor of the Collateral Agent;

WHEREAS, in connection with the Credit Agreement and the Security Agreement, Pledgor executed and delivered to the Collateral Agent a Patent Security Agreement, dated as of April 14, 2014 (as amended, restated, supplemented or otherwise modified from time to time, the "Patent Security Agreement"), which was recorded with the United States Patent and Trademark Office on April 15, 2014 at Reel/Frame 032679/0596;

WHEREAS, pursuant to the terms and conditions of the Security Agreement and the Patent Security Agreement, Pledgor pledged and granted to the Collateral Agent for the benefit of the Secured Parties a Lien on and security interest in and to all of its right, title and interest in, to and under all of the following Pledged Collateral of the Pledgor, in each case excluding the Excluded Property (collectively, the "Patent Collateral"):

(a) all patents, utility models, industrial designs and statutory invention registrations issued or assigned to and all patent applications and registrations made by the Pledgor (whether established or registered or recorded in the United States or any other country or any political subdivision thereof), including, without limitation, the United States patents and patent applications listed on Schedule A attached hereto;

(b) rights and privileges arising under applicable Legal Requirements with respect to the Pledgor's use of any of the foregoing;

(c) inventions, discoveries, designs and improvements described and claimed therein;

(d) reissues, reexaminations, divisions, renewals, extensions, continuations and continuations-in-part thereof and amendments thereto;

(e) income, fees, royalties, damages, claims and payments now or hereafter due and/or payable thereunder and with respect thereto including damages and payments for past, present or future infringements or other violations thereof;

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(f) rights corresponding thereto throughout the world;

(g) rights to sue for past, present or future infringements or other violations thereof; and

(h) all Proceeds and products of each of the foregoing and all accessions to, substitutions and replacements for, and rents, profits and products of, each of the foregoing, and any and all Proceeds of any insurance, indemnity, warranty or guaranty payable to the Pledgor from time to time with respect to any of the foregoing (in each case, other than Excluded Property).

WHEREAS, pursuant to the terms and conditions set forth in the Security Agreement and the Patent Security Agreement, the Collateral Agent has agreed to release and terminate its Lien on and security interest in the Patent Collateral;

NOW, THEREFORE, for good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, the Collateral Agent hereby agrees as follows:

Section 1. <u>Release of Security Interest</u>. The Collateral Agent hereby terminates the Patent Security Agreement and hereby releases and terminates its Lien on and security interest in all right, title and interest in, to or under the Patent Collateral, whether arising under the Security Agreement or the Patent Security Agreement.

Section 2. <u>Recordation</u>. The Collateral Agent hereby authorizes the Pledgor or the Pledgor's authorized representative to record this Release with the United States Patent and Trademark Office.
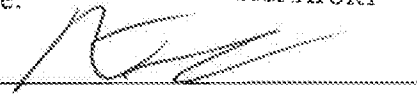
Section 3. <u>Governing Law</u>. This Release shall be construed in accordance with and governed by the laws of the State of New York, without regard to conflicts of law principles that would require the application of the laws of another jurisdiction.

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**PATENT
REEL: 038589 FRAME: 0483**

IN WITNESS WHEREOF, the Collateral Agent has duly executed and delivered this Release of Patent Security Interest as of the day and year first written above.

CREDIT SUISSE AG, CAYMAN
ISLANDS BRANCH, as Collateral Agent

By: _____
Name: WHITNEY GASTON
Title: AUTHORIZED SIGNATORY

By: _____
Name:
Title: Nicholas Goss
Authorized Signatory

SCHEDULE A
TO
RELEASE OF PATENT SECURITY AGREEMENT

United States Patents:

TITLE	PATENT NO.	ISSUE DATE	OWNER
Caching optimization with disk and/or memory cache management	6,327,587	12/4/2001	Serena Software, Inc.
Data exploration system and method	6,601,058	7/29/2003	Serena Software, Inc.
System and method for serving host computer files to one or more client computer systems	6,253,236	6/26/2001	Serena Software, Inc.
Method and apparatus for identifying the existence of differences between two files	6,263,348	7/17/2001	Serena Software, Inc.
Method and apparatus for identifying the existence of differences between two files	6,393,438	5/21/2002	Serena Software, Inc.
Method and apparatus for serving files from a mainframe to one or more clients	6,480,834	11/12/2002	Serena Software, Inc.
Method and apparatus for access to files stored on a mainframe using a personal computer user interface	6,513,048	1/28/2003	Serena Software, Inc.
Method and apparatus for converting files stored on a computer for use by another computer	6,691,125	2/10/2004	Serena Software, Inc.
Method and apparatus for verifying converted database commands	6,912,539	6/28/2005	Serena Software, Inc.
System and method for verifying converted database commands	7,269,583	9/11/2007	Serena Software, Inc.
Approach for proactive notification of contract changes in a software service	7,934,221	4/26/2011	Serena Software, Inc.
Method and system for identifying suspect links between objects	8,266,591	9/11/2012	Serena Software, Inc.
Method and system for baselining across multiple domains	8,397,208	3/12/2013	Serena Software, Inc.
Method and system for object-oriented management of multi-dimensional data	7,853,508	12/14/2010	Serena Software, Inc.
Method and system for object-oriented workflow management of multi-dimensional data	7,778,899	8/17/2010	Serena Software, Inc.
System for dynamic discovery, configuration, and development of process-bound widgets	8,584,082	11/12/2013	Serena Software, Inc.

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United States Patent Applications:

TITLE	APP. NO.	FILING DATE	OWNER
Method and system for determining dependencies in a mainframe development environment	11/848,161	8/30/2007	Serena Software, Inc.
Business processing system combining human workflow, distributed events, and automated processes	12/207,477	9/9/2008	Serena Software, Inc.
Versioning and refactoring of business mashups in on-demand environments	12/207,384	9/9/2008	Serena Software, Inc.

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