PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT2811595

SUBMISSION TYPE:	CORRECTIVE ASSIGNMENT		
NATURE OF CONVEYANCE:	Corrective Assignment to correct the ASSIGNEE NAME ON THE COVER SHEET AND ASSIGNMENT previously recorded on Reel 011916 Frame 0831. Assignor(s) hereby confirms the ASSIGNMENT.		

CONVEYING PARTY DATA

Name	Execution Date
BODIE KATHROW	06/29/1998
JOHN R., III SKELTON	06/30/1998

RECEIVING PARTY DATA

Name:	SERENA SOFTWARE INTERNATIONAL		
Street Address:	500 AIRPORT BLVD., 2ND FLOOR		
City:	BURLINGAME		
State/Country:	CALIFORNIA		
Postal Code:	94010		

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	09882910

CORRESPONDENCE DATA

Fax Number: (212)446-4900

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:	04/11/2014

Total Attachments: 4

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502764999 REEL: 032662 FRAME: 0745

06-26-2001

Form PTO-1595 (modified) (Rev 6-93) U.S. DEPARTMENT OF COMMERCE Patent and Trademark Office OM8 No. 0651-001 1(exp 4/94) 101760003 To the Honorable Commissioner of Petents and Trademarks: Please record the attached original documents or copy thereof 1. Name of conveying party(les): 2. Name and address of receiving party(ies): Bodle Kathrow and John R. Skelton III SERENA Software International, the CUN 500 Airport Rive and m-500 Airport Blvd., 2nd Floor M121> Burlingame, CA 94010 6-15-01 Additional name(s) of conveying party(les) attached? 3. Nature of conveyance: Assignment Execution Date: Bodie Kathrow: June 29, 1996 John R. Skelton III: June 30, 1998 Additional name(s) and address(est attached? 22 Yes 88 No 4. Application number(s) or patent number(s) If this document is being filed together with a new application, the execution date of the application is: 6/15/2001 A. Patent Application No.(s) B. Patent No.(s) 09882910 Additional numbers attached 8. Total number of applications and patents involved 11 5. Name and address of party to whom correspondence concerning document should be mailed: Charles E. Gotlleb 7. Total fee (37 CFR 3.41).....\$40 Innovation Partners Enclosed 540 University Avenue Authorize to charge deposit account for any deficiencies Suite 300 Authorized to be charged to deposit account Palo Alto CA 94301 HAILE ^{MS}00000038 09882910 8. Deposit account number: 07-1738 40.00 OP (Attach duplicate copy of this page if paying by deposit account) DO NOT USE THIS SPACE 9. Statement and signature. To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document. 6/15/01 Charles E. Gotlieb Osto Signature Name of Person Signing Yets) number of pages including cover sheet, attachments, and document

Docket 1238

1005/15/20

02 FC:581

ASSIGNMENT

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For good and valuable consideration, receipt of which is hereby acknowledged, we, Bodie Kathrow and John R. Skelton III do hereby sell, assign and transfer unto SERENA Software International, *** California corporation having its principal place of business at 500 Airport Blvd., 2nd Floor, Burlingame, CA 94010 (the "Assignee"), and its successors and assigns, the entire title, interest and right, including the right of priority, in, to and under an application for Letters Patent of the United States entitled, "Method and Apparatus for Identifying the Existence of Differences Between Two Files" filed by us with the United States Patent and Trademark Office on 7/1/98, and the inventions and any of them therein set forth and described, and any and all Letters Patent of the United States and of countries foreign thereto which may be granted thereon or therefor or corresponding thereto;

And for the above consideration, upon request of the Assignee, its successors or assigns, we will promptly communicate any facts known to us respecting said application and the invention set forth therein, and will promptly execute and deliver without further compensation any power of attorney, assignment, application, whether original, continuation, divisional or reissue, or other papers which may be necessary or desirable fully to secure to the Assignee, its heirs, successors or assigns, the inventions and any of them described in said application and all patent rights therein, in the United States and in any country foreign thereto, and will promptly cooperate and assist in the prosecution of interference proceedings involving said inventions and in the adjudication and re-examination of said Letters Patent, provided the expenses which may be incurred by us in lending such cooperation and assistance be paid by the Assignee, its successors or assigns.

This Assignment may be executed in one or more counterparts, each of which will be deemed an original and all of which taken together shall constitute one assignment.

Case 1077

NOTARY ACKNOWLEDGEMENT

Title of Document: Assignment re: Method and Apparatus for Identifying the Existence of Differences Between Two Files

State of	NEW	J121251	14
County	***************************************	ERSIEL)	7
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On John 30, 1978, before me, John R. Skelton III, personally known to me or proved to me on the basis of satisfactory evidence to be the person according whose name(x) is/assubscribed to the within instrument and each acknowledged to me that he/abse executed the same in his/her authorized capacity, and that by his/her signature on the instrument the person, or the entity upon behalf of which person acted, executed the instrument.

Witness my hand and official seal.

Notary Public

Notary's Seal

LORI LUTHOKE Notary Public, New Jersey My Commission Expires February 13, 8001

Case 1077

NOTARY ACKNOWLEDGEMENT

Title of Document: Assignment re: Method and Apparatus for Identifying the Existence of Differences Between Two Files

State of CAUFORUM

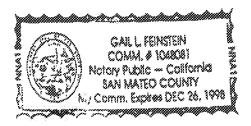
County of SAN MEJED

On <u>Such 25</u>, 19 98 before me, <u>Gull L. Ferrisonelly known to me</u> or proved to me on the basis of satisfactory evidence to be the person or persons whose name(x) is/are subscribed to the within instrument and each acknowledged to me that he/spececuted the same in his/frex authorized capacity, and that by his/frex signature on the instrument the person, or the entity upon behalf of which person acted, executed the instrument.

Witness my hand and official seal.

LUL Laturatur Notary Public

Notary's Seal



Case 1077

PATENT REEL: 032662 FRAME: 0749

RECORDED: 04/11/2014