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07-15-1998 Form PTO-1595 (modified) (Rev 6-93) U.S. DEPARTMENT OF COMMERCE Patent and Trademark Office OMB No. 0651-0011(exp 4/94) 100764831 To the Honorable Commissioner c ginal documents or copy thereof. 1. Name of conveying party(ies): 2. Name and audress of receiving party(ies): Bodie Kathrow and John R. Skelton III SERENA Software International, Inc. 500 Airport Blvd., 2nd Floor Burlingame, CA 94010 Additional name(s) of conveying party(ies) attached? 3. Nature of conveyance: Assignment **Execution Date:** Bodie Kathrow June 29, 1998 John R. Skelton III June 30, 1998 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: 7/1/98 B. Patent No.(s) A. Patent Application No.(s) Additional numbers attached 5. Name and address of party to whom correspondence 6. Total number of applications and patents involved 1 concerning document should be mailed: Charles E. Gotlieb 7. Total fee (37 CFR 3.41)..........\$40 Law Offices of Charles E. Gotlieb X Enclosed 540 University Avenue X Authorize to charge deposit account for any deficiencies Suite 300 Authorized to be charged to deposit account Palo Alto, CA 94301 US 8. Deposit account number: 07-1738 (Attach duplicate copy of this page if paying by deposit account) DO NOT USE THIS SPACE HARLING COOCOCCASC CHICASUP 07/10/1998 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. 7/1/98 Charles E. Gotlieb Date Name of Person Signing Signature Total number of pages including cover sheet, attachments, and document 4

Docket 1077

03 FC:581

ASSIGNMENT

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, Inc., a 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.

IN WITNESS WHEREOF,	we hereunto set our hand and seal on the date set forth bel
Dated: 06/29/1998	Makron
s and the commence of the comm	Bodie Kathrow
Dated: 30/1999	John R. Skelton III
	John R. Skelton III

PATENT REEL: 9300 FRAME: 0386

NOTARY ACKNOWLEDGEMENT

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

State of New Jaresey
County of Berger
On Tives 30 1978 before me Aver butteche
On June 30, 1978, before me, Jule Suthichie personally appeared Bodie Kathrow and John R. Skelton III, personally known to me or proved
to me on the basis of satisfactory evidence to be the person or persons whose name(s) is/are
subscribed to the within instrument and each acknowledged to me that he 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 LUTHCKE Notary Public, New Jersey My Commission Expires February 13, 2001

NOTARY ACKNOWLEDGEMENT

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

State of CACAGAA

County of An Majera

On Mace 29, 19 16 before me, Sell a Method III, personally known to me 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/spe 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.

Soil & Function

Notary's Seal



RECORDED: 07/01/1998

PATENT REEL: 9300 FRAME: 0388