12-06-1999

Form PTO- 1595 (modified) (Rev 6-93)



U.S. DEPARTMENT OF COMMERCE Patent and Trademark Office

To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof 1. Name of conveying party(les): Bruce Engle and Kevin Parker 2. Name and address of receiving party(les): SERENA Software International, Inc. 500 Airport Blvd., 2nd Floor Burlingame, CA 94010 Additional name(s) of conveying party(les) attached? 3. Nature of conveyance Assignment Execution Date: Bruce Engle and Kevin Parker: 11/16/99 Additional name(s) and address(es) attached?	101214387		
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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: 11/17/99 A. Patent Application No.(s) B. Patent No.(s) O 9/04/2018 5. Name and address of party to whom correspondence concerning document should be mailed: 6. Total number of applications and patents involved 1			
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Charles E. Gotlieb 7. Total fee (37 CFR 3.41)\$40	E. Gotlieb	7. Total fee (37 CFR 3.41)\$40	
Law Offices of Charles E. Gotlieb		_	
540 University Avenue Suite 300 Authorize to charge deposit account for any deficiencies	ı	Authorize to charge deposit account for any deficiencies	
Palo Alto CA 94301	the series	Authorized to be charged to deposit account	
US 8. Deposit account number:	60,00	8. Deposit account number:	
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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.			
Charles 5 Oction CD (a) & 91 H			
Charles E. Gotlieb Name of Person Signing Signature Date			
Total number of pages including cover sheet, attachments, and document:			

Docket 1113

> **PATENT REEL: 010409 FRAME: 0766**

ASSIGNMENT

For good and valuable consideration, receipt of which is hereby acknowledged, we, Bruce Engle and Kevin Parker 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, attorney docket number 1113, entitled, "METHOD AND APPARATUS FOR CONVERTING FILES STORED ON A MAINFRAME COMPUTER FOR USE BY A CLIENT COMPUTER" filed by us with the United States Patent and Trademark Office on 11/17/99, 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 below.

Dated: 1999/11/16

Bruce Engle

Dated: 1999 11

Kevin Parker

Case 1113

PATENT REEL: 010409 FRAME: 0767

NOTARY ACKNOWLEDGEMENT

Title of Document: Assignment re: METHOD AND APPARATUS FOR CONVERTING FILES STORED ON A MAINFRAME COMPUTER FOR USE BY A CLIENT COMPUTER

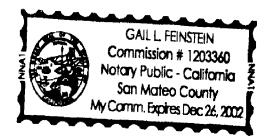
State of CAUFORNIA
County of SAN MATED

On November 16, 19 & before me, Gall C. I-em Slim Not Ary Luftic personally appeared Bruce Engle and Kevin Parker, personally known to me or proved to me on the basis of satisfactory evidence to be the person or persons whose name (*) are subscribed to the within instrument and each acknowledged to me that he be excepted the same in his her fully 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



Case 1113

RECORDED: 11/17/1999

PATENT REEL: 010409 FRAME: 0768