

05-09-2003

Substitute Form PTO-1595
Attorney Docket No.: 06666-130001
Client's Ref. No.: USC 3253 A

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FINANCE SECTION

Commissioner for Patents: Please record the attached original document(s) or copy(ies).

1. Name of conveying party(ies): Roger Zimmermann, Cyrus Shahabi and Kun Fu Additional name(s) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	2. Name and address of receiving party(ies): University of Southern California 3716 S. Hope St., Suite 313 Los Angeles, CA 90007-4344 Additional names/addresses attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
3. Nature of conveyance: <input checked="" type="checkbox"/> Assignment <input type="checkbox"/> Merger <input type="checkbox"/> Security Agreement <input type="checkbox"/> Change of Name <input type="checkbox"/> Other: Execution Date: 03/14/2003; 03/17/2003; 03/14/2003	

4. Application number(s) or patent number(s): 10/351,462

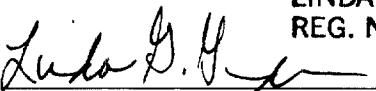
If this document is being filed with a new application, the execution date of the application is: 03/14/2003; 03/17/2003; 03/14/2003

A. Patent Application No(s): 10/351,462	B. Patent No(s): Additional numbers attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
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5. Name/address of party to whom correspondence concerning document should be mailed: SCOTT C. HARRIS Fish & Richardson P.C. 4350 La Jolla Village Drive, Suite 500 San Diego, California 92122	6. Total number of applications/patents involved: 1 7. Total fee (37 CFR §3.41): \$40 <input checked="" type="checkbox"/> Enclosed <input type="checkbox"/> Authorized to charge Deposit Account. 8. Deposit Account No.: 06-1050 Please apply any additional charges, or any credits, to our Deposit Account No. 06-1050.
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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.*

Scott C. Harris Reg. No. 32,030 Name of Person Signing	 Signature	/BY LINDA GUNDERSON REG. NO. 46,341 May 5, 2003 Date
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Total number of pages including coversheet, attachments and document: 2

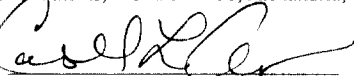
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CERTIFICATE OF MAILING BY FIRST CLASS MAIL

I hereby certify under 37 CFR §1.8(a) that this correspondence is being deposited with the United States Postal Service as first class mail with sufficient postage on the date indicated below and is addressed to the Mail Stop Assignment Recordation Services, Commissioner of Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

May 5, 2003 Date of Deposit	 Signature	Carroll Allman Typed Name of Person Signing Certificate
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PATENT
REEL: 014037 FRAME: 0355

ASSIGNMENT

For valuable consideration, we, ROGER ZIMMERMANN of 1673 S. Lost Trail Drive, Walnut, CA 91789, CYRUS SHAHABI of 12 Petria Street, Irvine, CA 92606, KUN FU of 2677 Ellendale Pl. Apt.205, Los Angeles, CA 90007, hereby assign to: University of Southern California, a corporation of California having a place of business at: 3716 S. Hope St., Suite 313, Los Angeles, CA 90007-4344; and its successors and assigns (collectively hereinafter called "the Assignee"), the entire right, title and interest throughout the world in the inventions and improvements which are subject of an application for United States Patent signed by us, entitled MULTI-THRESHOLD SMOOTHING, filed January 24, 2003, and assigned U.S. Serial Number 10/351,462, and we authorize and request the attorneys appointed in said application to hereafter complete this assignment by inserting above the filing date and serial number of said application when known; this assignment including said application, any and all United States and foreign patents, utility models, and design registrations granted for any of said inventions or improvements, and the right to claim priority based on the filing date of said application under the International Convention for the Protection of Industrial Property, the Patent Cooperation Treaty, the European Patent Convention, and all other treaties of like purposes; and we authorize the Assignee to apply in all countries in our name or in its own name for patents, utility models, design registrations and like rights of exclusion and for inventors' certificates for said inventions and improvements; and we agree for ourselves and our respective heirs, legal representatives and assigns, without further compensation to perform such lawful acts and to sign such further applications, assignments, Preliminary Statements and other lawful documents as the Assignee may reasonably request to effectuate fully this assignment.

Roger Zimmermann
 ROGER ZIMMERMANN

3-14-2003
 Date

CYRUS SHAHABI
 CYRUS SHAHABI

3-17-2003
 Date

KUN FU
 KUN FU

3-14-2003
 Date

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