

04-09-2002

Substitute Form PTO-1595
Attorney Docket No.: 06666-092001
Client's Ref. No.: USC- 3082

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Commissioner for Patents: Please record the attached original document(s) or copy(ies).	
1. Name of conveying party(ies): Sushil K. Singh, Phunsak Thiennviboon, Sunan Tugsinavisut, Keith M. Chugg, Recep O. Ozdag and Peter A. Beerel 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: 2/19/02, 2/21/02, 3/4/02	
4. Application number(s) or patent number(s): If this document is being filed with a new application, the execution date of the application is: A. Patent Application No(s): 10/040,283 B. Patent No(s): Additional numbers attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
5. Name/address of party to whom correspondence concerning document should be mailed: JOSEPH L. STEVENSON Fish & Richardson P.C. PTO Customer No. 20985 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: <i>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.</i> Joseph L. Stevenson Reg. No. 43,163 Name of Person Signing Joseph L. Stevenson Signature 3-18-02 Date Total number of pages including coversheet, attachments and document: 4	

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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 Commissioner of Patents, Washington, D.C. 20231.

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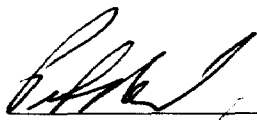
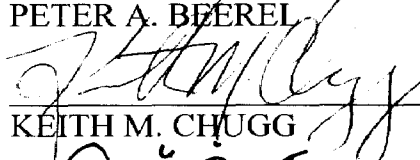
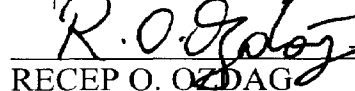
Signature

Richard Donovan
Typed Name of Person Signing CertificatePATENT
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ASSIGNMENT

For valuable consideration, we, PETER A. BEEREL of Westminster, California, KEITH M. CHUGG of Burbank, California, RECEP O. OZDAG of Los Angeles, California, SUNAN TUGSINAVISUT of Los Angeles, California, SUSHIL K. SINGH of San Diego, California, PHUNSAK THIENNVIBOON of San Diego, California, hereby assign to University of Southern California, a California corporation 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 SEQUENTIAL DECODER FOR DECODING OF CONVOLUTIONAL CODES, filed October 22, 2001, and assigned U.S. Serial Number 10/040,283, 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.

Date: 2/19/02Date: 2/19/02Date: 2/21/2002


 PETER A. BEEREL

 KEITH M. CHUGG

 RECEP O. OZDAG

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Attorney Docket No. 06666-092001/USC-3082

Date: 02/21/02

Sunan Tugsinavisut
SUNAN TUGSINAVISUT

Date: 03/04/02

Sushil K. Singh
SUSHIL K. SINGH

Date: 2/19/2002

Phunsak Thiennviboon
PHUNSAK THIENNVIBOON

Date: 02/21/02

Sunan Tugsinavisut
SUNAN TUGSINAVISUT

Date: _____

SUSHIL K. SINGH

Date: 2/19/2002

Phunsak Thiennviboon
PHUNSAK THIENNVIBOON