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To the Honorable Commissioner of Patents . 102587071 are aπacned original documents or copy thereof.	
Name of conveying party(ies):     MARK E. DAVIS     HYUNJOO LEE	Name and address of receiving party(ies)     Name: CALIFORNIA INSTITUTE OF TECHNOLOGY     Internal Address:
Additional name of conveying party(ies) attached?   Yes   No	
Nature of conveyance:	Ohrant Address 4004 Feet Celifornia Boulevard
	Street Address: 1201 East California Boulevard
│ │ │ │ │ │	
Security Agreement Change of Name	City: Pasadena State: CA Zip: 91125
Other	Additional Name(s) & address(es) attached? ☐ Yes ☒ No
Execution Date: DAVIS and LEE: 09-05-03	
Application number(s) or patent number(s):  If this document is being filed together with a new application A. Patent Application No.(s)  10/461,258  Additional numbers atta	n, the execution date of the application is:  B. Patent No.(s)  PR 27  Ached?  Yes  No
Name and address of party to whom correspondence concerning this document should be mailed:	6. Total number of applications and patents involved: 1
Name: ChevronTexaco Corporation	7. Total fee (37 CFR 3.41) \$ <u>40</u>
Internal Address: Law Department	☐ Enclosed
Intellectual Property Unit	☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐
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Street Address: P.O. Box 6006	8. Deposit account number: 03-1620
City: San Ramon State: CA Zip: 94583-0806	(Attach duplicate copy of this page if paying by deposit account)
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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.  Richard J. Sheridan  Name of Person Signing  Richard Signature  Signature  Richard Signature  Date	
Total number of pages including cover sheet, attachments, and documents: 3	

Mail documents to be recorded with required cover sheet information to:

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Washington, D.C. 20231

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**PATENT REEL: 014625 FRAME: 0946** 

## ASSIGNMENT

WHEREAS, WE, MARK E. DAVIS, residing in Pasadena, County of Los Angeles, State of California, and HYUNJOO LEE, residing in Pasadena, County of Los Angeles, State of California, hereinafter referred to as "ASSIGNORS", have invented new and useful improvements as described and set forth in the below application for United States Letters Patent:
having an oath or declaration executed on even date herewith;
bearing Serial No. 10/461,258 and filed on June 12, 2003; and
WHEREAS, CALIFORNIA INSTITUTE OF TECHNOLOGY, a nonprofit educational institution of the State of California, 1201 East California Boulevard, Pasadena, California 91125, hereinafter referred to as "ASSIGNEE", is desirous of acquiring the entire right, title and interest in and to said invention, and in and to the Letters Patent to be granted and issued therefor:
NOW, THEREFORE TO ALL WHOM IT MAY CONCERN: Be it known that, for and in consideration of the sum of One Dollar (\$1.00) lawful money paid to Assignors by Assignee, receipt of which is hereby acknowledged, Assignors have sold, assigned and transferred, and by these presents do sell, assign and transfer unto said Assignee, and Assignee's successors and assigns, all right, title and interest in and to the said invention, said application for United States Letters Patent, and any Letters Patent which may hereafter be granted on the same in the United States and all countries throughout the world including any divisions, renewals, continuations in whole or in part, substitution, conversions, reissues, prolongations or extensions thereof, the said interest to be held and enjoyed by said Assignee as fully and exclusively as it would have been held and enjoyed by said Assignors had this assignment and transfer not been made, to the full end and term of any Letters Patents.
Assignors further agree that they will, without charge to said Assignee, but at Assignee's expense, cooperate with Assignee in the prosecution of said application and/or applications, execute, verify, acknowledge and deliver all such further papers, including applications for Letters Patent and for the reissue thereof, and instruments of assignment and transfer thereof, and will perform such other acts as Assignee lawfully may request, to obtain or maintain Letters Patent for said invention and improvement in any and all countries, and to vest title thereof in said Assignee, or Assignee's successors and assigns.  SIGNED my hand at
STATEMENT BY WITNESS
THRIHA PETWORTH, whose full post office address is ALIFERIA MIST.  OF TECHNOLOGY, PASADENA, California, O///X, was personally present and did see MARK E. DAVIS who is known to me execute the above assignment on 9-5-03.
Matha Hown An Signature of Witness

PATENT REEL: 014625 FRAME: 0947

## ASSIGNMENT

WHEREAS, WE, MARK E. DAVIS, residing in Pasadena, County of Los Angeles, State of California, and HYUNJOO LEE, residing in Pasadena, County of Los Angeles, State of California, hereinafter referred to as "ASSIGNORS", have invented new and useful improvements as described and set forth in the below application for United States Letters Patent:	
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Assignors further agree that they will, without charge to said Assignee, but at Assignee's expense, cooperate with Assignee in the prosecution of said application and/or applications, execute, verify, acknowledge and deliver all such further papers, including applications for Letters Patent and for the reissue thereof, and instruments of assignment and transfer thereof, and will perform such other acts as Assignee lawfully may request, to obtain or maintain Letters Patent for said invention and improvement in any and all countries, and to vest title thereof in said Assignee, or Assignee's successors and assigns.	
SIGNED my hand at <u>Pasadena</u> , California, this <u>Say of September</u> , 2003.	
HYUNIOO LEE	
STATEMENT BY WITNESS	
I, MARTHA TERWARTH, whose full post office address is CHLIFSRAIIA (NST OF TECHNOLOGY, PASADENH , California, 9/125, was personally present and did see HYUNJOO LEE who is known to me execute the above assignment on 9-5-03.	
Mathe Hermonth Signature of Witness	
Signature of witness	

PATENT
RECORDED: 10/27/2003 REEL: 014625 FRAME: 0948