		07-30-2002	
Address (ine a) Accent and Address	Expires 06/30/99	A MARKAN AND A CANA AND AND AND AND AND AND AND AND AND	Patent and Trademark Office
RECORDATION FORM COVER SHEET PATENTS ONLY PATENTS ONLY Conveyance Type Submission Type New Conveyance Type New Conveyance Type Converting Security Agreement Pesubmission/Hon-Records#Gn) License Correction of PID Error Resubmission/Hon-Records#Gn) Correction of PID Error Bio Frame # Corrective Document Security Agreement Corrective Document Bio Frame # Corrective Document Mark if additional names of conveying parties attached Rest # Mark if additional names of conveying parties attached Second Party Mark if additional names of receiving parties attached Name (ine 1) Oracle Corporation Name (ine 1) Oracle Corporation Name (ine 1) Oracle Corporation Name (ine 1) Second Party Name (ine 1) Solo Oracle Parkway Address (ine 1) Solo Oracle Parkway Address (ine 2) Solo Oracle Parkway Address (ine 2) Solo Oracle Parkway Address (ine 2) Solo Oracle Parkway		102172369	ORCL5772/OID-2001-063-01
TC: The Commissioner of Patents and Trademarks: Please record the attached original document(s) or copy(les). Submission Type New Conveying Conveyance Type Assignment Security Agreement Resubmission Mon-Record and the Conveying Conveying Conveying Conveying Conveying Conveying Conveying Conveying Party (les) Name (line 1) MolLi, Georges-Iten ri Name (line 1) MolLi, Georges-Iten ri Name (line 2) Second Party Name (line 2) Receiving Party Correction Organized Under The Laws Of The State of Delaware Corrective Document to Mark if additional names of receiving parties attached States, an appointent of the States of the State of Delaware Corrective Document to Mark if additional names of receiving parties attached States, an appointent of the State of Delaware Corrective Document to Mark if additional names of receiving parties attached Address (line 2) Address (line 3) Address (line 2) Address (line 3) Address (line 2) Address (line 4) Address (line 3) Address (line 4) Address (lin			
Submission Type Conveyance Type New X Resubmission/Mon-Recordshon License Correction of PTO Error Change of Name Reel # Frame # Corrective Document Merger Other U.S. Government Reel # Frame # Corrective Document Departmental File Departmental File Departmental File Departmental File Departmental File Second Party Mark if additional names of conveying parties attached Name (ine 1) Molt. Government Name (ine 1) Molt. Government Name (ine 1) Mark if additional names of receiving parties attached Name (ine 2) Execution Dame Second Party Mark if additional names of receiving parties attached Name (ine 2) Government in the Comporation Receiving Party Mark if additional names of receiving parties attached Name (ine 2) A Corporation Organized Under The Laws Of The State of Delaware Address (ine 1) 500 Oracle Parkway Address (ine 1) For OfFICE USE ONLY Name (ine 3) For OfFICE USE ONLY <td< th=""><th></th><th>PATENTS ONLY</th><th></th></td<>		PATENTS ONLY	
Resubmission (Non-Recordation) License Change of Name Document 1844 Correction of PTO Error Merger U.S. Government Corrective Document Frame # Departmental File Department gencies) Corrective Document Frame # Departmental File Department gencies) Name (line 1) NOLL, Georges-Henri Mark if additional names of conveying parties attached Execution Date Month Daty, Year Name (line 2) Second Party Mark if additional names of receiving parties attached Execution Date Month Daty, Year Name (line 2) Second Party Mark if additional names of receiving parties attached Execution Date Month Daty, Year Name (line 2) Second Party Mark if additional names of receiving parties attached Execution Date Month Daty, Year Name (line 2) Second Party Mark if additional names of receiving parties attached Execution Date Month Daty, Year Name (line 2) Corporation Frame # Second Party Execution Date Month Daty, Year Name (line 2) Second Party Mark if additional names of receiving parties attached Second Party Name (line 2) Corporation Frame # Second Party Second Party Second Party<			led original document(s) or copyries).
Document 1956 Change of Name Big Change of Name Correction of PTO Error Rei # Frame # Other Corrective Document Corrective Document Big Corrective Document Big Corrective Document Rei # Frame # Departmental File Description Name (line 1) Mortine 1 Mark If additional names of conveying parties attached Execution Date Month Day, Year Name (line 2) Second Party Mark If additional names of conveying parties attached Execution Date Month Day, Year Name (line 2) Second Party Mark If additional names of conveying parties attached Execution Date Month Day, Year Name (line 2) Second Party Mark If additional names of conveying parties attached Execution Date Month Day, Year Name (line 2) Mark If additional names of conveying parties attached Execution Date Month Day, Year Name (line 2) A Corporation If document to be record attached in the United States (line 2) Execution Date Month Day, Year Address (line 2) A Corporation Organized Under The Laws Of The State of Delaware State, an appointment of a domastic states attached states attached states attached states attached (line 2) Address (line 2) Cond State (CA 94005 State Could (line 2) </td <td>X New D / S</td> <td>Assignment</td> <td>Security Agreement</td>	X New D / S	Assignment	Security Agreement
Real # Frame # Use over minent (For Use ONL'' by Us. Government (For Use ONL'') Name (line 1) Name (line 1) Month Day, Year (For Use ONL'') Name (line 2) Execution Dae Month Day, Year (For Use ONL'') Name (line 1) Name (line 1) Oracle Corporation If document to be record is an assignment of the receiving party is and is an assignment of the receiving party is and (For OFFICE USE ONLY (Designation must be a separate document from Assignment,) Address (line 2) State Corporation Organized Under The Laws Of The State of Delaware (Designation must be a separate document from Assignment,) Address (line 3) Rechwood Shores (Gov State/Contry Address (line 3) For OFFICE USE ONLY Address (line 4) For OFFICE USE ONLY Yeap Designment, Wather of the contribute of the control of documents regarding the budget and state the U.S. Batel to be record, Including time for reversing the control of the control of the control of the contrecher of doformality of the contrecher of documents regar	Document IB#	D) License	Change of Name
Corrective Document (For Use Oil' by US. Government Agencies) Reel # Frame # Departmental File Secret File Conveying Party(ies) Mark if additional names of conveying parties attached Execution Date Mame (line 1) MOLL, Georges-Hen ri 7/12/2002 Name (line 2) Second Party Mark if additional names of conveying parties attached Execution Date Name (line 1) Month Day, Year Mark if additional names of receiving parties attached Execution Date Name (line 1) Mark if additional names of receiving parties attached If document to be received Name (line 1) Oracle Corporation If document to be received Name (line 1) Oracle Corporation Organized Under The Laws Of The State of Delaware State, an appointment to be received Address (line 1) 500 Oracle Parkway Georgenet for assignment, State, Conversition mast be assignment, Address (line 3) Redwood Shores CA State, Conversition State, Conversition Address (line 3) Redwood Shores CA State, Conversition State, Conversition Address (line 3) Address (line 4) For OFFICE USE ONLY State for the first Receiving Party only. <td< td=""><td></td><td></td><td></td></td<>			
Name (line 1) MoltL., Georges-Hen ri Month. Day. Year Name (line 2) Execution Date. Name (line 1) Month. Day. Year Name (line 1) Month. Day. Year Name (line 2) Execution Date. Receiving Party Mark if additional names of receiving parties attached Name (line 2) Mark if additional names of receiving parties attached Name (line 2) Mark if additional names of receiving parties attached Name (line 2) A Corporation Organized Under The Laws Of The State of Delaware Address (line 2) State of Delaware Address (line 3) State of Delaware Address (line 3) Redwood Shores Civ State of Delaware Address (line 3) Cov Address (line 3) Redwood Shores Civ State of Delaware Address (line 3) Cov Address (line 3) Cov Address (line 4) FOR OFFICE USE ONLY // 200 Code FOR OFFICE USE ONLY // 200 Code FOR OFFICE USE ONLY / 200 Code FOR OFFICE USE ONLY / 200 Code FOR OFFICE USE ONLY / 200		(For Use ONL)	Y by U.S. Government Agencies)
Name (line 1) MOLL, Georges-Hen ri 7/12/2002 Name (line 2) Image: Composition of the segment of the segmen	Conveying Party(ies)	Mark if additional name	
Second Party Execution Data Name (line 1) Month Day Year Name (line 2) Mark if additional names of receiving parties attached Receiving Party Mark if additional names of receiving parties attached Name (line 1) Oracle Corporation Name (line 1) Oracle Corporation Name (line 1) Oracle Corporation Organized Under The Laws Of The State of Delaware Address (line 1) S00 Oracle Parkway Address (line 2) Address (line 2) Address (line 2) State/Country Address (line 3) Receiving party end Address (line 2) State/Country Address (line 2) State/Country Address (line 2) State/Country Address (line 2) State/Country Address (line 2) CA Address (line 2) FOR OFFICE USE ONLY Address (line 3) FOR OFFICE USE ONLY Address (line 3) FOR OFFICE USE ONLY Address (line 4) FOR OFFICE USE ONLY Public burden reporting to this collection of informatory attended to average approximately 50 minutes per Count Sheet to be reported, including time to transmission to the US, Pant and Transmiss of Theore Maxing Sh address (line 4)	Name (line 1) MOLL, Georges-Hen r		
Second Party Month Day Year Name (line 1) Mark if additional names of receiving parties attached Receiving Party Mark if additional names of receiving parties attached Name (line 2) Mark if additional names of receiving parties attached Name (line 2) If document to be record Name (line 2) A Corporation Organized Under The Laws Of The State of Delaware Address (line 2) A corporation Organized Under The Laws Of The State of Delaware Address (line 2) A doress (line 2) Address (line 3) Redwood Shores Clv State/Country Zuo Code Zuo Code Domestic Representative Name and Address Enter for the first Receiving Party only. Name Address (line 3) Address (line 4) FOR OFFICE USE ONLY /2002 DBYRNE 00000176 150635 Year For OFFICE USE ONLY /2002 DBYRNE 00000176 150635 Year Section of Information Jestimated to wares again on the US, Bandon Poper (US) State Country Country Address (line 4) Country Address (line 4) FOR OFFICE USE ONLY Country For OFFICE USE ONLY <td>Name (line 2)</td> <td>21192078</td> <td>Execution Date</td>	Name (line 2)	21192078	Execution Date
Name (line 2) Receiving Party Mark if additional names of receiving parties attached Name (line 1) Oracle Corporation If document to be record Is an assignment and the United States, an appointment and the receiving parties attached If document to be record Address (line 2) A Corporation Organized Under The Laws Of The State of Delaware Oracle Organized Under The Laws Of The State of Delaware Address (line 2) A Corporation Organized Under The Laws Of The State of Delaware Oracle Oracle Parkway Address (line 3) Redwood Shores CA 94065 City State/Country Zin Code Domestic Representative Name and Address Enter for the first Receiving Party only. Name Address (line 2) Address (line 2) Address (line 2) FOR OFFICE USE ONLY Address (line 2) Address (line 3) Process the State of Country Process the State of Country Address (line 4) FOR OFFICE USE ONLY Process the State of Country of States of the first Receiving Party only. State of Country FOR OFFICE USE ONLY States of the Indomate of the origination of the orinterement the origination of the orintere		1118020	
Receiving Party Mark if additional names of receiving parties attached Name (line 1) Oracle Corporation If document to be record Name (line 2) A Corporation Organized Under The Laws Of The State of Delaware If document to be record Address (line 2) State/Country Componentiation and the United States, an appointment of a domastic representative is attached Delaware Address (line 2) State/Country Componentiation and the United States, an appointment of a domastic representative is attached Delaware Address (line 3) Redwood Shores CA 94065 Dornestic Representative Name and Address Enter for the first Receiving Party only. Name Address (line 2) Address (line 3) Address (line 3) Por OFFICE USE ONLY Por OFFICE USE ONLY Yeto Delaware FOR OFFICE USE ONLY Por Orester to be recorded, including time for reviewing the document requesting for this collection of information particle states and address of the to be the state of the Collect States of the Collect States of the Collect States of the Collect States of States of the Collect States of the		1	
Name (line 1) Oracle Corporation If document to be record Is an assignment and th Name (line 1) A Corporation Organized Under The Laws Of The State of Delaware Address (line 1) 500 Oracle Parkway Address (line 2) Solo Oracle Parkway Address (line 2) CA Address (line 3) Redwood Shores Civ State/Country Domestic Representative Name and Address Enter for the first Receiving Party only. Name Address (line 2) Address (line 2) FOR OFFICE USE ONLY Address (line 3) FOR OFFICE USE ONLY Pathe barden reporting for this collection of Information Jestimated to average approximately 20 minutes per Gover Sheet to be recorded, including time for reviewing the document public barden reporting for this collection of Information Jestimated to average approximately 20 minutes per Gover Sheet to be recorded, including time for reviewing the document public barden reporting for this collection of Information Jestimated to average approximately 20 minutes per Gover Sheet to be recorded, including time for reviewing the document public barden reporting for this collection of Uniformation Jestimated to average approximately 20 minutes per Gover Sheet to be recorded, including time for reviewing the document public barden reporting for this collection of Uniformation Jestimated to average approximately 20 minutes per Gover Sheet to be recorded, including time for reviewing the document public barden reporting f		Mark if	additional names of receiving parties attached
Name (line 2) A Corporation Organized Under The Laws Of The State of Delaware receiving party is not dominant of a domestic dominant of a domestic representative is attache (Designation must be a supportment from Assignment.) Address (line 1) 500 Oracle Parkway Generatic component from Assignment.) Address (line 3) Redwood Shores CA 94065 City State/Country Zip Code Domestic Representative Name and Address Enter for the first Receiving Party only. Name			If document to be record
Address (line 1) 500 Oracle Parkway State/Country State/Country Address (line 2) Address (line 3) Redwood Shores CA 94065 City State/Country Zin Code Domestic Representative Name and Address Enter for the first Receiving Party only. Name		zod Under The Laws Of The State of De	receiving party is not
Address (ime 7) Sub Oracle Parkway (Designation must be a separate document from Assignment.) Address (ime 3) Redwood Shores CA 94065 City State/Country Zip Code Domestic Representative Name and Address Enter for the first Receiving Party only. Name			of a domestic
Address (line 3) Redwood Shores CA 94065 City State/Country Zip Code Domestic Representative Name and Address Enter for the first Receiving Party only. Name	Address (line 1) 500 Oracle Parkway		(Designation must be a
Address (inite s) Netword Sind City State/Country Zip Code Domestic Representative Name and Address Enter for the first Receiving Party only. Name	Address (line 2)		Assignment.)
Domestic Representative Name and Address Enter for the first Receiving Party only. Name			
Address (line 1) Address (line 2) Address (line 3) Address (line 3) Address (line 4) FOR OFFICE USE ONLY V2002 DBYRNE 00000176 150635 10198028 FOR OFFICE USE ONLY Public burden reporting for this collection of Information Lestimated to average approximately 30 minutes per Cover Sheet to be recorded, including time for reviewing the document gathering the data needed to complete the Cover Sheet. Seed comments regarding this burden estimate to the U.S. Patent and Trademark Office, Chief Information Officer, Washington D.C. 2053. See OMB D.C. 2023 and to the Office of Information and Regulatory Affairs, Office of Management and Budget, Paperwork Reduction Project (0651-0027), Washington, D.C. 2053. See OMB Information Collection Budget Package 0651-0027, Patent and Trademark Assignment Practice. Do NOT SEND REQUESTS TO RECORD ASSIGNMENTDOCUMENTS TO THIS ADDRE Information Collection Budget Package 0651-0027, Patent and Trademark Assignment Practice. Do NOT SEND REQUESTS TO RECORD ASSIGNMENTDOCUMENTS TO THIS ADDRE Information and Collection Budget Package 0651-0027, Patent and Trademark Assignment Practice. Do NOT SEND REQUESTS TO RECORD ASSIGNMENTDOCUMENTS TO THIS ADDRE Information Collection Budget Package 0651-0027, Patent and Trademark Assignment Practice. Do NOT SEND REQUESTS TO RECORD ASSIGNMENTDOCUMENTS TO THIS ADDRE Information and Trademark Assignment Practice. Do NOT SEND REQUESTS TO RECORD ASSIGNMENTDOCUMENTS TO THIS ADDRE Information 10 to:			
Address (line 2) Address (line 3) Address (line 4) FOR OFFICE USE ONLY FOR OFFICE USE ONLY FOR OFFICE USE ONLY FOR OFFICE USE ONLY State of the content of t	Name		
Address (line 2) Address (line 3) Address (line 4) FOR OFFICE USE ONLY FOR OFFICE USE ONLY FOR OFFICE USE ONLY FOR OFFICE USE ONLY State of the content of t			
Address (line 3) Address (line 4) FOR OFFICE USE ONLY FOR OFFICE USE ONLY FOR OFFICE USE ONLY State of the optimistic content of the optimistic of the optimistic opt			
Address (line 4) 2002 DBYRNE 00000176 150635 10198028 581 40.00 CH Public burden reporting for this collection of information in estimated to average approximately 30 minutes per Cover Sheet to be recorded, including time for reviewing the document gathering the data needed to complete the Cover Sheet. Send comments regarding this burden estimate to the U.S. Patent and Trademark Office, Chief Information Officer, Washington D.C. 20231 and to the Office of Information and Regulatory Affairs, Office of Management and Budget, Paperwork Reduction Project (0651-0027), Washington, D.C. 20231 and to the Office of Information and Regulatory Affairs, Office of Management Practice. DO NOT SEND REQUESTS TO RECORD ASSIGNMENT DOCUMENTS TO THIS ADDRE Information Collection Budget Package 0651-0027, Patent and Trademark Assignment Practice. Do NOT SEND REQUESTS TO THIS ADDRE Information To:	Address (line 2)		
FOR OFFICE USE ONLY FOR OFFIC	Address (line 3)		
2002 DBYRNE 00000176 150635 10198028 40.00 CH Public burden reporting for this collection of information is estimated to average approximately 30 minutes per Cover Sheet to be recorded, including time for reviewing the document gathering the data needed to complete the Cover Sheet. Send comments regarding this burden estimate to the U.S. Patent and Trademark Office, Chief Information Officer, Washington D.C. 20231 and to the Office of Information and Regulatory Affairs, Office of Management and Budget, Paperwork Reduction Project (0651-0027), Washington, D.C. 20503. See OMB Information Collection Budget Package 0651-0027, Patent and Trademark Assignment Practice. DO NOT SEND REQUESTS TO RECORD ASSIGNMENT DOCUMENTS TO THIS ADDRE Information Collection Budget Package 0651-0027, Patent and Trademark Assignment Practice. DO NOT SEND REQUESTS TO RECORD ASSIGNMENT DOCUMENTS TO THIS ADDRE	Address (line 4)		
gathering the data needed to complete the Cover Sheet. Send Commens regarding the data needed to complete the Cover Sheet. Send Commens regarding the data needed to complete the Cover Sheet. Send Commens regarding the data needed to complete the Cover Sheet. 2003. See OMB D.C. 20231 and to the Office of Information and Regulatory Affairs, Office of Management and Budget, Paperwork Reduction Project (0651-0027), Washington, D.C. 20503. See OMB D.C. 20231 and to the Office of Information and Regulatory Affairs, Office of Management and Budget, Paperwork Reduction Project (0651-0027), Washington, D.C. 20503. See OMB Information Collection Budget Package 0651-0027, Patent and Trademark Assignment Practice. DO NOT SEND REQUESTS TO RECORD ASSIGNMENT DOCUMENTS TO THIS ADDRI Information Collection Budget Package 0651-0027, Patent and Trademark Assignment Practice. DO NOT SEND REQUESTS TO RECORD ASSIGNMENT DOCUMENTS TO THIS ADDRI Information Collection Budget Package 0651-0027, Patent and Trademark Assignment Practice. DO NOT SEND REQUESTS TO RECORD ASSIGNMENT DOCUMENTS TO THIS ADDRI Information Collection Budget Package 0651-0027, Patent and Trademark Assignment Practice. DO NOT SEND REQUESTS TO RECORD ASSIGNMENT DOCUMENTS TO THIS ADDRI Information Collection Budget Package 0651-0027, Patent and Trademark Assignment Practice. DO NOT SEND REQUESTS TO RECORD ASSIGNMENT DOCUMENTS TO THIS ADDRI Information Collection Budget Package 0651-0027, Patent and Trademark Assignment Practice. DO NOT SEND REQUESTS TO RECORD ASSIGNMENT DOCUMENTS TO THIS ADDRI Information Collection Budget Package 0651-0027, Patent and Trademark Assignment Practice. DO NOT SEND REQUESTS TO RECORD ASSIGNMENT DOCUMENTS TO THIS ADDRI Information Collection Budget Package 0651-0027, Patent and Trademark Assignment Practice. DO NOT SEND RECORD ASSIGNMENT DOCUMENTS TO THIS ADDRI Information Collection Budget Package 0651-0027, Patent and Trademark Assignment Practice. DO NOT SEND RECORD ASSIGNMENT DOCUMENTS TO THIS ADDRI Information Collection Budget Packag	-541 40.00 CH	в)	
D.C. 20231 and to the Office of Information and Regulatory Allars, Once of management Practice. DO NOT SEND REQUESTS TO RECORD ASSIGNMENT DOCUMENTS TO THIS ADDRE Information Collection Budget Package 0651-0027, Patent and Trademark Assignment Practice. DO NOT SEND REQUESTS TO RECORD ASSIGNMENT DOCUMENTS TO THIS ADDRE	Public burden reporting for this collection of informatio	. Senu comments regarding the survey of	A star Design (0651 0027) Washington D.C. 20503. See OMB
	D.C. 20231 and to the Office of Information and Regular Information Collection Budget Package 0651-0027, Pat	ent and Trademark Assignment Practice. DO NOT SEND REC	QUESTS TO RECORD ASSIGNMENT DOCUMENTS TO THIS ADDRE

PATENT REEL: 013123 FRAME: 0438

FORM PTO-1619B Expires 06/30/99 OMB 0651-0027	ORCL5772/OID-2001-063-01 Page 2	U.S. Department of Commerce Patent and Trademark Office PATENT
Correspondent Name and Address	Area Code and Telephone Number	650-851-7210
Name YOUNG LAW FIRM		
Address (line 1) A Professional Corporation	······································	
Address (line 2) 4370 Alpine Road, Suite 106		
Address (line 3) Portola Valley, CA 94028		
Address (line 4)		
Pages Enter the total number of p including any attachments	ages of the attached conveyance docume s.	nt # TWO
Patent Application Number(s) Patent Application Number(s) fit his document is being filed together with a new Patent Gooperation Treaty (PCT) Enter PCT application number only if a U.S. Application Number has not been assigned. Number of Properties Enter the together with a new Patent PCT application Number Number of Properties	Patent Number (DO NOT ENTER BOTH numbers for Patent N Patent Patent Paten	Jumber(s)
	t for Properties Listed (37 CFR 3.41): \$	40.00
	osit Account #[15-06-35
	· · · ·	Yes X No
Statement and Signature		
attached copy is a true copy of the indicated herein. Alan W. Young, Esq.	belief, the foregoing information is true and original document. Charges to deposit ad	d correct and any count are authorized, as July 18, 2002 Date
Name of Person Signing	Signature	

ASSIGNMENT OF APPLICATION FOR PATENT

WHEREAS:

I, Georges-Henri Moll, residing at 1520 Vista Club Circle, No. 304, Santa Clara, California 95054 USA (hereinafter referred to as ASSIGNOR(S)), have made a discovery or invention entitled:

METHODS AND SYSTEMS FOR SCHEDULING AND BUFFER BALANCING

- for which application for Letters Patent of the United States has been executed on even date herewith,
- for which application for Letters Patent of the United States has been filed on _____, under Application No. _____, and

WHEREAS:

Oracle Corporation, a corporation of Delaware, having a business address of 500 Oracle Parkway, Mail Stop 50P7, Redwood Shores, CA 94065

(hereinafter referred to as ASSIGNEE), is desirous of acquiring the entire interest in, to and under said invention and in, to and under Letters Patent or similar legal protection to be obtained therefor in the United States and in any and all foreign countries.

NOW, THEREFORE, TO ALL WHOM IT MAY CONCERN:

Be it known that for good and valuable consideration, the receipt of which is hereby acknowledged, ASSIGNOR(S) hereby sells, assigns and transfers to ASSIGNEE, the full and exclusive right, title and interest to said discovery or invention in the United States and its territorial possessions and in all foreign countries and to all Letters Patent or similar legal protection in the United States and its territorial possessions and in any and all foreign countries to be obtained for said invention by said application or any continuation, division, renewal, substitute, reissue and/or any application claiming priority thereof, including any legal equivalent thereof, in a foreign country for the full term or terms for which the same may be granted.

I, SAID ASSIGNOR(S), hereby authorize and request the Commissioner of Patents and Trademarks of the United States of America and any Official of any country or countries foreign to the United States of America whose duty it is to issue Letters Patent on applications as aforesaid, to issue all such Letters Patent for said discovery or invention to the ASSIGNEE; as assignee of the entire right. title and interest in, to and under the same, for the sole use and benefit of the ASSIGNEE, its successors, legal representatives and assigns, in accordance with the terms of this instrument.

Page 1 of 2

I, SAID, ASSIGNOR(S), hereby covenant with ASSIGNEE, its successors, assigns, and legal representatives that no assignment, grant, mortgage, license, or other agreement affecting the rights and property herein conveyed has been made to others by the undersigned and that I have full right to convey the entire right, title and interest herein sold, assigned, transferred and set over;

AND I, SAID ASSIGNOR(S) hereby further covenant and agree that the ASSIGNEE, its successors, legal representatives, or assigns, may apply for foreign Letters Patent on said discovery or invention and claim the benefits of the International Convention, and that I will, at any time, when called upon to do so by the ASSIGNEE, its successors, legal representatives, or assigns, communicate to the ASSIGNEE, its successors, legal representatives, or assigns, as the case may be, any facts known to me respecting said discovery or invention, and execute and deliver any and all lawful papers that may be necessary or desirable to perfect the title to the said discovery or invention, the said applications and the said Letters Patent in the ASSIGNEE, its successors, legal representatives and assigns, and that if reissues of the said Letters Patent or disclaimers relating thereto, or divisions, continuations, or refilings of the said applications, or any thereof, shall hereafter be desired by the ASSIGNEE, its successors, legal representatives, or assigns, I will, at any time, when called upon to do so by the ASSIGNEE its successors, legal representatives, or assigns, sign all lawful papers, make all rightful oaths, execute and deliver all such disclaimers and all divisional, continuation and reissue applications so desired, and do all lawful acts requisite for the application for such reissues and the procuring thereof and for the filing of such disclaimers and such applications, and generally do everything possible to aid the ASSIGNEE, its successors, legal representatives and assigns, to obtain and enforce proper patent protection for said invention or discovery in all countries, all without further compensation but at the expense of the ASSIGNEE, its successors, legal representatives and assigns.

Inventor(s): Please Sign and Date Below:

(1)

Date: 7/12/2002

\\Alan\CLIENTS\ORCL\5772\5772 Formal Papers.doc

Page 2 of 2

PATENT REEL: 013123 FRAME: 0441

RECORDED: 07/18/2002