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650-851-7210

Name YOUNG LAW FIRM

Address (line 1) 109 Brookside Drive

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6

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Patent Application Number(s)

Patent Number(s)

097 235, 119

If this document is being filed together with a new Patent Application, enter the date the patent application was signed by the first named executing inventor.

Month Day Year

Patent Cooperation Treaty (PCT)

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Signature

Date

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01/21/99**Conveying Party(ies)**☐

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Name (line 1) SUBRAMANIAN, Ashok

Execution Date
Month Day Year

01-11-99

Name (line 2)

Execution Date
Month Day Year

Name (line 1) RAJAN, Sundera

01-11-99

Name (line 2)

Execution Date
Month Day Year

Name (line 1) MURALI SENTHIL KUMAR, Palnisamy

01-11-99

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Mark if additional numbers attached

Enter either the Patent Application Number or the Patent Number (DO NOT ENTER BOTH numbers for the same property).

Patent Application Number(s)**Patent Number(s)**

ASSIGNMENT

I, Arvind Nath Puri, having my residence at 3108 Joanne Circle, Pleasanton, CA 94588 and I, Matthew Hom, having my residence at 11 Christamon East, Irvine, CA 92620 USA and I, Ashok Subramanian, having my residence at 34459 Maybird Circle, Fremont, CA 94555 and I, Sundera Rajan, having my residence at 1321 Marshall St. #201, Redwood City CA 94063 and I, Palnisamy Murali Senthil Kumar, having my residence at 1235 Wildwood Ave. #82, Sunnyvale, CA 94089 do hereby sell, assign and transfer to Oracle Corporation hereinafter, ASSIGNEE, a corporation organized under the laws of the state of Delaware, having its principal place of business at 500 Oracle Parkway, Redwood Shores CA 94065 USA, the entire right, title and interest, together with all rights of priority, in and to my invention for "Method For Loosely Coupling Object Oriented And Non-Object Oriented Applications In A Messaging-Based Communications Infrastructure" as described and claimed in my Application for Letters Patent of the United States of America filed herewith with Express Mail number EE370362795US, as described and/or claimed in any and all applications for Letters Patent based thereon including continued prosecution applications, divisions, continuations and reissues thereof as well as all foreign counterparts thereof together with all Letters Patent issuing on any of the aforesaid applications for Letters Patent, the same to be held and enjoyed by ASSIGNEE, its successors, assigns or other legal representatives, to the full ends of the terms of all said Letters Patent therefor which may be granted.

AND I HEREBY AUTHORIZE AND EMPOWER ASSIGNEE, its successors, assigns and legal representatives or nominees, to make applications for patent or other form of protection for my invention referenced above, the benefit of the right of priority provided by the International Convention for the Protection of Industrial Property, as amended, or by any convention which may henceforth be substituted for it, and to invoke and claim such right of priority without further written or oral authorization from me, and to receive Letters Patent for said invention in any foreign countries in its own name or in my name, at its election.

AND I HEREBY COVENANT AND AGREE that I will execute or procure any further necessary assurance of title to said invention and any Letters Patent which may issue therefor and that I will, at any time, upon the request and at the expense of ASSIGNEE deliver any testimony in any legal proceedings and execute all papers that may be necessary or desirable to perfect the

title to said invention or any Letters Patent which may be granted therefor in ASSIGNEE, its successors, assigns, or other legal representatives, and that I will, at any time, upon the request and at the expense of ASSIGNEE execute any continued prosecution applications, continuations, divisions, reissues, or any other additional applications for Letters Patent for said invention or any part or parts thereof, all of which applications and any Letters Patent issuing thereon are hereby assigned to ASSIGNEE, and will make all rightful oaths, and do all lawful acts required to procure the same therein, without further compensation, but at the expense of ASSIGNEE, its successors, assigns or other legal representatives.

AND I HEREBY AUTHORIZE AND REQUEST the Commissioner of Patents and Trademarks to issue any and all Letters Patent of the United States for said invention, resulting from any of the aforesaid applications to said sole assignee.

AND I HEREBY CONSENT that a copy of this assignment shall be deemed a full legal and formal equivalent of any assignment, consent to file or like document which may be required in any country for any purpose and more particularly in proof of the right of the said assignee or nominee to claim the aforesaid benefit of the right priority provided by the International Convention for the Protection of Industrial Property as, or by any convention which may henceforth be substituted for it.

AND I COVENANT with said assignee, its successors, assigns and legal representatives that the rights and property herein conveyed are free and clear of any encumbrance and that I have full right to convey the same, as herein expressed.

Signed this 8th day of January, 1999.
(Day) (Month) (Year)

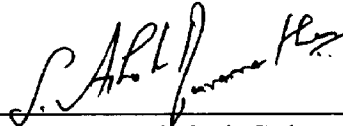


Arvind Nath Puri

Signed this _____th day of _____.
(Day) (Month) (Year)

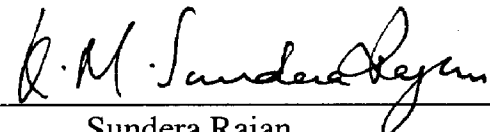
Matthew Hom

Signed this 11th day of Jan 1999.
(Day) (Month) (Year)



Ashok Subramanian

Signed this 11th day of Jan 1999.
(Day) (Month) (Year)



Sundera Rajan

Signed this 11th day of Jan 1999.
(Day) (Month) (Year)



Palnisamy Murali Senthil Kumar

ASSIGNMENT

I, Arvind Nath Puri, having my residence at 3108 Joanne Circle, Pleasanton, CA 94588 and I, Matthew Hom, having my residence at 11 Christamon East, Irvine, CA 92620 USA and I, Ashok Subramanian, having my residence at 34459 Maybird Circle, Fremont, CA 94555 and I, Sundera Rajan, having my residence at 1321 Marshall St. #201, Redwood City CA 94063 and I, Palnisamy Murali Senthil Kumar, having my residence at 1235 Wildwood Ave. #82, Sunnyvale, CA 94089 do hereby sell, assign and transfer to Oracle Corporation hereinafter, ASSIGNEE, a corporation organized under the laws of the state of Delaware, having its principal place of business at 500 Oracle Parkway, Redwood Shores CA 94065 USA, the entire right, title and interest, together with all rights of priority, in and to my invention for "Method For Loosely Coupling Object Oriented And Non-Object Oriented Applications In A Messaging-Based Communications Infrastructure" as described and claimed in my Application for Letters Patent of the United States of America filed herewith with Express Mail number EE370362795US, as described and/or claimed in any and all applications for Letters Patent based thereon including continued prosecution applications, divisions, continuations and reissues thereof as well as all foreign counterparts thereof together with all Letters Patent issuing on any of the aforesaid applications for Letters Patent, the same to be held and enjoyed by ASSIGNEE, its successors, assigns or other legal representatives, to the full ends of the terms of all said Letters Patent therefor which may be granted.

AND I HEREBY AUTHORIZE AND EMPOWER ASSIGNEE, its successors, assigns and legal representatives or nominees, to make applications for patent or other form of protection for my invention referenced above, the benefit of the right of priority provided by the International Convention for the Protection of Industrial Property, as amended, or by any convention which may henceforth be substituted for it, and to invoke and claim such right of priority without further written or oral authorization from me, and to receive Letters Patent for said invention in any foreign countries in its own name or in my name, at its election.

AND I HEREBY COVENANT AND AGREE that I will execute or procure any further necessary assurance of title to said invention and any Letters Patent which may issue therefor and that I will, at any time, upon the request and at the expense of ASSIGNEE deliver any testimony in any legal proceedings and execute all papers that may be necessary or desirable to perfect the

title to said invention or any Letters Patent which may be granted therefor in ASSIGNEE, its successors, assigns, or other legal representatives, and that I will, at any time, upon the request and at the expense of ASSIGNEE execute any continued prosecution applications, continuations, divisions, reissues, or any other additional applications for Letters Patent for said invention or any part or parts thereof, all of which applications and any Letters Patent issuing thereon are hereby assigned to ASSIGNEE, and will make all rightful oaths, and do all lawful acts required to procure the same therein, without further compensation, but at the expense of ASSIGNEE, its successors, assigns or other legal representatives.

AND I HEREBY AUTHORIZE AND REQUEST the Commissioner of Patents and Trademarks to issue any and all Letters Patent of the United States for said invention, resulting from any of the aforesaid applications to said sole assignee.

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AND I COVENANT with said assignee, its successors, assigns and legal representatives that the rights and property herein conveyed are free and clear of any encumbrance and that I have full right to convey the same, as herein expressed.

Signed this _____th day of _____.
(Day) (Month) (Year)

Arvind Nath Puri

Signed this 18th day of January 1999.
(Day) (Month) (Year)


Matthew Hom

Signed this _____th day of _____.
(Day) (Month) (Year)

Ashok Subramanian

Signed this _____th day of _____.
(Day) (Month) (Year)

Sundera Rajan

Signed this _____th day of _____.
(Day) (Month) (Year)

Palnisamy Murali Senthil Kumar