

PATENT ASSIGNMENT

Electronic Version v1.1
 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Aram Christian Abajian	09/18/2001
Robin Andrew Alexander	09/18/2001
Scott Chao-Chueh Lee	09/24/2001
Austin David Dahl	09/18/2001
John Anthony Derosa	09/18/2001
Charles A. Porter	09/19/2001
Eric Carl Rehm	09/18/2001
Jennifer Lynn Kolar	09/18/2001
Srinivasan Sudanagunta	09/18/2001

RECEIVING PARTY DATA

Name:	Thomson Licensing S.A.
Street Address:	46 Qaui Alphonse Le Gallo
City:	Boulogne Billancourt
State/Country:	FRANCE
Postal Code:	F-92100

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	12780571

CORRESPONDENCE DATA

Fax Number: (202)408-4400
Correspondence will be sent via US Mail when the fax attempt is unsuccessful.

Phone: 2024084000
 Email: murraym@finnegan.com
 Correspondent Name: Finnegan Henderson
 Address Line 1: 901 New York Avenue, NW
 Address Line 4: Washington, DISTRICT OF COLUMBIA 20001-4413

OP \$40.00 12780571

501291015

PATENT
REEL: 024989 FRAME: 0366

ATTORNEY DOCKET NUMBER:	10587.0192-02000
NAME OF SUBMITTER:	Michelle Murray
<p>Total Attachments: 6 source=AssignmentThomson#page1.tif source=AssignmentThomson#page2.tif source=AssignmentThomson#page3.tif source=AssignmentThomson#page4.tif source=AssignmentThomson#page5.tif source=AssignmentThomson#page6.tif</p>	

ASSIGNMENT AND AGREEMENT IN AN APPLICATION FOR LETTERS PATENT OF THE UNITED STATES OF AMERICA

I hereby declare that I am the sole inventor (if only one inventor is named below) or one of 9 joint inventors (if plural inventors are named below) of the inventions relating to INTERNET STREAMING MEDIA WORKFLOW ARCHITECTURE

described in an application for Letters Patent of the United States of America filed on June 8, 2001 Under Serial No. 09/876,941
or, if not identified here by filing date and serial number, executed by me on even date with my execution of this

Assignment/Agreement.

For valuable consideration received, I hereby sell, assign and transfer to THOMSON LICENSING S.A., a corporation duly organized and existing under the laws of the country of France, its successors, and assigns my entire right, title and interest, for all countries in and to said inventions, and all the rights and privileges under any and all Letters Patent that may be granted therefor, and any divisions, continuations, reissues and extensions thereof.


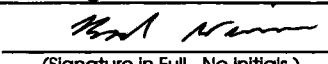
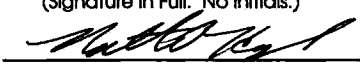
I agree that, when requested, I will, without charge to said corporation but at its expense, sign all papers, take all rightful oaths, make all rightful declarations and do all acts which may be necessary, desirable or convenient for securing and maintaining patents or other forms of protection for said inventions in any and all countries and for vesting title thereto in said corporation, its successors, assigns or nominees.

I agree that I will communicate to said corporation or its representatives any facts known to me respecting said inventions and when requested by said corporation and at its expense will testify in any legal proceedings, and generally do everything possible to aid said corporation, its successors, assigns and legal representatives or nominees, to obtain or enforce proper protection for said inventions in any and all countries.

I authorize and empower said corporation, its successors, assigns or nominees, to make application for patent or other form of protection for said inventions in its or their own name, or in my/our name, in any and all countries and to invoke and claim for any application for patent or other form of protection for said inventions filed by it or them, 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.

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 corporation or its successors, assigns or nominees to apply for patent or other proper protection for said inventions, and to claim the aforesaid benefits 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.

I covenant with THOMSON LICENSING S.A., its successors, assigns, legal representatives, and nominees, that to the best of my knowledge the right, title and interest herein conveyed by me are free and clear of any encumbrance, and that I have full right to convey the same as herein expressed.

Signed at	<u>Seattle, Washington</u>	Date	<u>18-SEP-01</u>
Inventor (1)	<u>ARAM CHRISTIAN ABAJIAN</u> (Type or Print)	<u></u> (Signature in Full. No initials.)	
Post Office Address	<u>202 N.W. 43rd Street, Seattle, Washington 98107</u>		
1st Witness	<u>Brad Lienelle</u> (Type or Print)	<u></u> (Signature in Full. No initials.)	
2nd Witness	<u>Nate Hughes</u> (Type or Print)	<u></u> (Signature in Full. No initials.)	
Signed at	<u>Seattle, Washington</u>	Date	
Inventor (2)	<u>ROBIN ANDREW ALEXANDER</u> (Type or Print)		
Post Office Address	<u>4720 NE 95th Street, Redmond, Washington 98052</u>		
1st Witness			
2nd Witness			
Signed at	<u>Seattle, Washington</u>	Date	
Inventor (3)	<u>SCOTT CHAO-CHUEH LEE</u> (Type or Print)		
Post Office Address	<u>2031 151st Avenue SE, Bellevue, Washington</u>		
1st Witness			
2nd Witness			

After this Assignment has been recorded please RETURN to:

Patent Operations
THOMSON LICENSING S.A.
Licensing Inc.

REEL: 024989 FRAME: 0368

ASSIGNMENT AND AGREEMENT IN AN APPLICATION FOR LETTERS PATENT OF THE UNITED STATES OF AMERICA

I hereby declare that I am the sole inventor (if only one inventor is named below) or one of 9 joint inventors
(if plural inventors are named below) of the inventions relating to INTERNET STREAMING MEDIA WORKFLOW ARCHITECTURE

described in an application for Letters Patent of the United States of America filed on June 8, 2001 Under Serial No. 09/876,941
or, if not identified here by filing date and serial number, executed by me on even date with my execution of this

Assignment/Agreement.

For valuable consideration received, I hereby sell, assign and transfer to THOMSON LICENSING S.A., a corporation duly organized and existing under the laws of the country of France, its successors, and assigns my entire right, title and interest, for all countries in and to said inventions, and all the rights and privileges under any and all Letters Patent that may be granted therefor, and any divisions, continuations, reissues and extensions thereof.

I agree that, when requested, I will, without charge to said corporation but at its expense, sign all papers, take all rightful oaths, make all rightful declarations and do all acts which may be necessary, desirable or convenient for securing and maintaining patents or other forms of protection for said inventions in any and all countries and for vesting title thereto in said corporation, its successors, assigns or nominees.

I agree that I will communicate to said corporation or its representatives any facts known to me respecting said inventions and when requested by said corporation and at its expense will testify in any legal proceedings, and generally do everything possible to aid said corporation, its successors, assigns and legal representatives or nominees, to obtain or enforce proper protection for said inventions in any and all countries.

I authorize and empower said corporation, its successors, assigns or nominees, to make application for patent or other form of protection for said inventions in its or their own name, or in my/our name, in any and all countries and to invoke and claim for any application for patent or other form of protection for said inventions filed by it or them, 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.

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 corporation or its successors, assigns or nominees to apply for patent or other proper protection for said inventions, and to claim the aforesaid benefits 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.

I covenant with THOMSON LICENSING S.A., its successors, assigns, legal representatives, and nominees, that to the best of my knowledge the right, title and interest herein conveyed by me are free and clear of any encumbrance, and that I have full right to convey the same as herein expressed.

Signed at	<u>Seattle, Washington</u>	Date	<u>9/18/01</u>
Inventor (4)	<u>AUSTIN DAVID DAHL</u> (Type or Print)	<u>[Signature]</u> (Signature in Full. No initials.)	
Post Office Address	<u>2039 26th Ave. E, Seattle, Washington 98112</u>		
1st Witness	<u>Nate Hughes</u> (Type or Print)	<u>[Signature]</u> (Signature in Full. No initials.)	
2nd Witness	<u>Brad Wieneke</u> (Type or Print)	<u>[Signature]</u> (Signature in Full. No initials.)	
Signed at	<u>Seattle, Washington</u>	Date	<u>9/18/01</u>
Inventor (5)	<u>JOHN ANTHONY DEROSA</u> (Type or Print)	<u>[Signature]</u> (Signature in Full. No initials.)	
Post Office Address	<u>1407 6th Ave. W., Seattle, Washington 98119</u>		
1st Witness	<u>Michael G. Maithen</u> (Type or Print)	<u>[Signature]</u> (Signature in Full. No initials.)	
2nd Witness	<u>Diane Brady</u> (Type or Print)	<u>[Signature]</u> (Signature in Full. No initials.)	
Signed at	<u>Seattle, Washington</u>	Date	
Inventor (6)	<u>CHARLES A. PORTER</u> (Type or Print)	<u>[Signature]</u> (Signature in Full. No initials.)	
Post Office Address	<u>810 30th Ave., Seattle, Washington 98122</u>		
1st Witness	<u>(Type or Print)</u>	<u>(Signature in Full. No initials.)</u>	
2nd Witness	<u>(Type or Print)</u>	<u>(Signature in Full. No initials.)</u>	

After this Assignment has been recorded please RETURN to:

Patent Operations
THOMSON Licensing Inc.
PATENT

REEL: 024989 FRAME: 0369

ASSIGNMENT AND AGREEMENT IN AN APPLICATION FOR LETTERS PATENT OF THE UNITED STATES OF AMERICA

I hereby declare that I am the sole inventor (if only one inventor is named below) or one of 9 joint inventors
(if plural inventors are named below) of the inventions relating to INTERNET STREAMING MEDIA WORKFLOW ARCHITECTURE

described in an application for Letters Patent of the United States of America filed on June 8, 2001 Under Serial No. 09/876,941

or, if not identified here by filing date and serial number, executed by me on even date with my execution of this Assignment/Agreement.

For valuable consideration received, I hereby sell, assign and transfer to THOMSON LICENSING S.A., a corporation duly organized and existing under the laws of the country of France, its successors, and assigns my entire right, title and interest, for all countries in and to said inventions, and all the rights and privileges under any and all Letters Patent that may be granted therefor, and any divisions, continuations, reissues and extensions thereof.

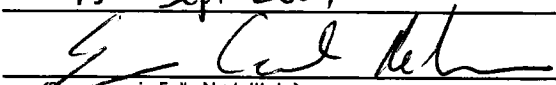
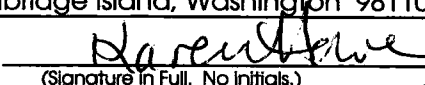
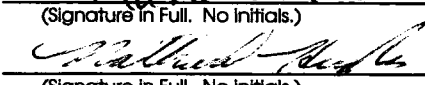
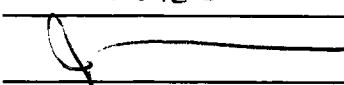
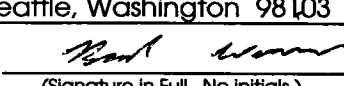
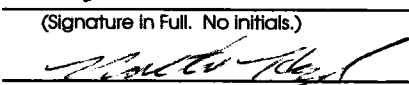
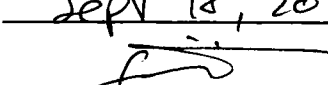
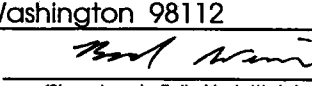
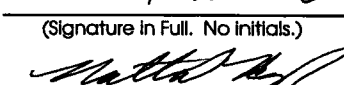
I agree that, when requested, I will, without charge to said corporation but at its expense, sign all papers, take all rightful oaths, make all rightful declarations and do all acts which may be necessary, desirable or convenient for securing and maintaining patents or other forms of protection for said inventions in any and all countries and for vesting title thereto in said corporation, its successors, assigns or nominees.

I agree that I will communicate to said corporation or its representatives any facts known to me respecting said inventions and when requested by said corporation and at its expense will testify in any legal proceedings, and generally do everything possible to aid said corporation, its successors, assigns and legal representatives or nominees, to obtain or enforce proper protection for said inventions in any and all countries.

I authorize and empower said corporation, its successors, assigns or nominees, to make application for patent or other form of protection for said inventions in its or their own name, or in my/our name, in any and all countries and to invoke and claim for any application for patent or other form of protection for said inventions filed by it or them, 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.

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 corporation or its successors, assigns or nominees to apply for patent or other proper protection for said inventions, and to claim the aforesaid benefits 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.

I covenant with THOMSON LICENSING S.A., its successors, assigns, legal representatives, and nominees, that to the best of my knowledge the right, title and interest herein conveyed by me are free and clear of any encumbrance, and that I have full right to convey the same as herein expressed.

Signed at	<u>Seattle, Washington</u>	Date	<u>18 Sept 2001</u>
Inventor (7)	<u>Eric Carl Rehm</u> (Type or Print)	 (Signature in Full. No initials.)	
Post Office Address	<u>353 Wallace Way NE #3, Bainbridge Island, Washington 98110</u>		
1st Witness	<u>Karen Howe</u> (Type or Print)	 (Signature in Full. No initials.)	
2nd Witness	<u>Nate Hughes</u> (Type or Print)	 (Signature in Full. No initials.)	
Signed at	<u>Seattle, Washington</u>	Date	<u>9/18/2001</u>
Inventor (8)	<u>JENNIFER LYNN KOLAR</u> (Type or Print)	 (Signature in Full. No initials.)	
Post Office Address	<u>3626 Fremont Lane N #201, Seattle, Washington 98103</u>		
1st Witness	<u>Brad Wiencke</u> (Type or Print)	 (Signature in Full. No initials.)	
2nd Witness	<u>Nate Hughes</u> (Type or Print)	 (Signature in Full. No initials.)	
Signed at	<u>Seattle, Washington</u>	Date	<u>Sept 18, 2001</u>
Inventor (9)	<u>SRINIVASAN SUDANAGUNTA</u> (Type or Print)	 (Signature in Full. No initials.)	
Post Office Address	<u>913 26th Avenue E., Seattle, Washington 98112</u>		
1st Witness	<u>Brad Wiencke</u> (Type or Print)	 (Signature in Full. No initials.)	
2nd Witness	<u>Nate Hughes</u> (Type or Print)	 (Signature in Full. No initials.)	

After this Assignment has been recorded please RETURN to:

Patent Operations
THOMSON Licensing Inc.
PATENT

REEL: 024989 FRAME: 0370

ASSIGNMENT AND AGREEMENT IN AN APPLICATION FOR LETTERS PATENT OF THE UNITED STATES OF AMERICA

I hereby declare that I am the sole inventor (if only one inventor is named below) or one of 9 joint inventors
(if plural inventors are named below) of the inventions relating to INTERNET STREAMING MEDIA WORKFLOW ARCHITECTURE

described in an application for Letters Patent of the United States of America filed on June 8, 2001 Under Serial No. 09/876,941

or, if not identified here by filing date and serial number, executed by me on even date with my execution of this Assignment/Agreement.

For valuable consideration received, I hereby sell, assign and transfer to THOMSON LICENSING S.A., a corporation duly organized and existing under the laws of the country of France, its successors, and assigns my entire right, title and interest, for all countries in and to said inventions, and all the rights and privileges under any and all Letters Patent that may be granted therefor, and any divisions, continuations, reissues and extensions thereof.

I agree that, when requested, I will, without charge to said corporation but at its expense, sign all papers, take all rightful oaths, make all rightful declarations and do all acts which may be necessary, desirable or convenient for securing and maintaining patents or other forms of protection for said inventions in any and all countries and for vesting title thereto in said corporation, its successors, assigns or nominees.

I agree that I will communicate to said corporation or its representatives any facts known to me respecting said inventions and when requested by said corporation and at its expense will testify in any legal proceedings, and generally do everything possible to aid said corporation, its successors, assigns and legal representatives or nominees, to obtain or enforce proper protection for said inventions in any and all countries.

I authorize and empower said corporation, its successors, assigns or nominees, to make application for patent or other form of protection for said inventions in its or their own name, or in my/our name, in any and all countries and to invoke and claim for any application for patent or other form of protection for said inventions filed by it or them, 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.

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 corporation or its successors, assigns or nominees to apply for patent or other proper protection for said inventions, and to claim the aforesaid benefits 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.

I covenant with THOMSON LICENSING S.A., its successors, assigns, legal representatives, and nominees, that to the best of my knowledge the right, title and interest herein conveyed by me are free and clear of any encumbrance, and that I have full right to convey the same as herein expressed.

Signed at	<u>Seattle, Washington</u>	Date	
Inventor (1)	<u>ARAM CHRISTIAN ABAJIAN</u> (Type or Print)		(Signature in Full. No initials.)
Post Office Address	<u>202 N.W. 43rd Street, Seattle, Washington 98107</u>		
1st Witness	<u></u> (Type or Print)		(Signature in Full. No initials.)
2nd Witness	<u></u> (Type or Print)		(Signature in Full. No initials.)
Signed at	<u>Seattle, Washington</u>	Date	<u>09/18/01.</u>
Inventor (2)	<u>ROBIN ANDREW ALEXANDER</u> (Type or Print)		<u>Robin Andrew Alexander</u> (Signature in Full. No initials.)
Post Office Address	<u>4720 NE 95th Street, Redmond, Washington 98052</u>		
1st Witness	<u>JAMES W. TEAGUE II</u> (Type or Print)		<u>James William Teague II</u> (Signature in Full. No initials.)
2nd Witness	<u>Mark D. Johnson</u> (Type or Print)		<u>Mark Daniel Johnson</u> (Signature in Full. No initials.)
Signed at	<u>Seattle, Washington</u>	Date	
Inventor (3)	<u>SCOTT CHAO-CHUEH LEE</u> (Type or Print)		(Signature in Full. No initials.)
Post Office Address	<u>2031 151st Avenue SE, Bellevue, Washington</u>		
1st Witness	<u></u> (Type or Print)		(Signature in Full. No initials.)
2nd Witness	<u></u> (Type or Print)		(Signature in Full. No initials.)

After this Assignment has been recorded please RETURN to:

Patent Operations
THOMSON LICENSING S.A.
Licensing Inc.

REEL: 024989 FRAME: 0371

ASSIGNMENT AND AGREEMENT IN AN APPLICATION FOR LETTERS PATENT OF THE UNITED STATES OF AMERICA

I hereby declare that I am the sole inventor (if only one inventor is named below) or one of 9 joint inventors
(if plural inventors are named below) of the inventions relating to INTERNET STREAMING MEDIA WORKFLOW ARCHITECTURE

described in an application for Letters Patent of the United States of America filed on June 8, 2001 Under Serial No. 09/876,941
or, if not identified here by filing date and serial number, executed by me on even date with my execution of this

Assignment/Agreement.

For valuable consideration received, I hereby sell, assign and transfer to THOMSON LICENSING S.A., a corporation duly organized and existing under the laws of the country of France, its successors, and assigns my entire right, title and interest, for all countries in and to said inventions, and all the rights and privileges under any and all Letters Patent that may be granted therefor, and any divisions, continuations, reissues and extensions thereof.

I agree that, when requested, I will, without charge to said corporation but at its expense, sign all papers, take all rightful oaths, make all rightful declarations and do all acts which may be necessary, desirable or convenient for securing and maintaining patents or other forms of protection for said inventions in any and all countries and for vesting title thereto in said corporation, its successors, assigns or nominees.

I agree that I will communicate to said corporation or its representatives any facts known to me respecting said inventions and when requested by said corporation and at its expense will testify in any legal proceedings, and generally do everything possible to aid said corporation, its successors, assigns and legal representatives or nominees, to obtain or enforce proper protection for said inventions in any and all countries.

I authorize and empower said corporation, its successors, assigns or nominees, to make application for patent or other form of protection for said inventions in its or their own name, or in my/our name, in any and all countries and to invoke and claim for any application for patent or other form of protection for said inventions filed by it or them, 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.

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 corporation or its successors, assigns or nominees to apply for patent or other proper protection for said inventions, and to claim the aforesaid benefits 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.

I covenant with THOMSON LICENSING S.A., its successors, assigns, legal representatives, and nominees, that to the best of my knowledge the right, title and interest herein conveyed by me are free and clear of any encumbrance, and that I have full right to convey the same as herein expressed.

Signed at	<u>Seattle, Washington</u>	Date	
Inventor (1)	<u>ARAM CHRISTIAN ABAJIAN</u> (Type or Print)		(Signature in Full. No initials.)
Post Office Address	<u>202 N.W. 43rd Street, Seattle, Washington 98107</u>		
1st Witness			(Signature in Full. No initials.)
2nd Witness			(Signature in Full. No initials.)
Signed at	<u>Seattle, Washington</u>	Date	
Inventor (2)	<u>ROBIN ANDREW ALEXANDER</u> (Type or Print)		(Signature in Full. No initials.)
Post Office Address	<u>4720 NE 95th Street, Redmond, Washington 98052</u>		
1st Witness			(Signature in Full. No initials.)
2nd Witness			(Signature in Full. No initials.)
Signed at	<u>Seattle, Washington</u>	Date	<u>9/24/2001</u>
Inventor (3)	<u>SCOTT CHAO-CHUEH LEE</u> (Type or Print)		<u>Scott Chao-Chueh Lee</u> (Signature in Full. No initials.)
Post Office Address	<u>2031 151st Avenue SE, Bellevue, Washington 98007</u>		
1st Witness	<u>Peter Lee</u> (Type or Print)		<u>Peter Lee</u> (Signature in Full. No initials.)
2nd Witness	<u>Hsieh Hung Lee</u> (Type or Print)		<u>Hsieh Hung Lee</u> (Signature in Full. No initials.)

S.L.

After this Assignment has been recorded please RETURN to:

Patent Operations
THOMSON LICENSING S.A.
Licensing Inc.

REEL: 024989 FRAME: 0372

ASSIGNMENT AND AGREEMENT IN AN APPLICATION FOR LETTERS PATENT OF THE UNITED STATES OF AMERICA

I hereby declare that I am the sole inventor (if only one inventor is named below) or one of 9 joint inventors
(if plural inventors are named below) of the inventions relating to INTERNET STREAMING MEDIA WORKFLOW ARCHITECTURE

described in an application for Letters Patent of the United States of America filed on June 8, 2001 Under Serial No. 09/876,941

or, if not identified here by filing date and serial number, executed by me on even date with my execution of this

Assignment/Agreement.

For valuable consideration received, I hereby sell, assign and transfer to THOMSON LICENSING S.A., a corporation duly organized and existing under the laws of the country of France, its successors, and assigns my entire right, title and interest, for all countries in and to said inventions, and all the rights and privileges under any and all Letters Patent that may be granted therefor, and any divisions, continuations, reissues and extensions thereof.

I agree that, when requested, I will, without charge to said corporation but at its expense, sign all papers, take all rightful oaths, make all rightful declarations and do all acts which may be necessary, desirable or convenient for securing and maintaining patents or other forms of protection for said inventions in any and all countries and for vesting title thereto in said corporation, its successors, assigns or nominees.

I agree that I will communicate to said corporation or its representatives any facts known to me respecting said inventions and when requested by said corporation and at its expense will testify in any legal proceedings, and generally do everything possible to aid said corporation, its successors, assigns and legal representatives or nominees, to obtain or enforce proper protection for said inventions in any and all countries.

I authorize and empower said corporation, its successors, assigns or nominees, to make application for patent or other form of protection for said inventions in its or their own name, or in my/our name, in any and all countries and to invoke and claim for any application for patent or other form of protection for said inventions filed by it or them, 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.

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 corporation or its successors, assigns or nominees to apply for patent or other proper protection for said inventions, and to claim the aforesaid benefits 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.

I covenant with THOMSON LICENSING S.A., its successors, assigns, legal representatives, and nominees, that to the best of my knowledge the right, title and interest herein conveyed by me are free and clear of any encumbrance, and that I have full right to convey the same as herein expressed.

Signed at	<u>Seattle, Washington</u>	Date	
Inventor (4)	<u>AUSTIN DAVID DAHL</u> (Type or Print)		(Signature in Full. No initials.)
Post Office Address	<u>2039 26th Ave. E, Seattle, Washington 98112</u>		
1st Witness	(Type or Print)		(Signature in Full. No initials.)
2nd Witness	(Type or Print)		(Signature in Full. No initials.)
Signed at	<u>Seattle, Washington</u>	Date	
Inventor (5)	<u>JOHN ANTHONY DEROSA</u> (Type or Print)		(Signature in Full. No initials.)
Post Office Address	<u>1407 6th Ave. W., Seattle, Washington 98119</u>		
1st Witness	(Type or Print)		(Signature in Full. No initials.)
2nd Witness	(Type or Print)		(Signature in Full. No initials.)
Signed at	<u>Seattle, Washington</u>	Date	<u>9-19-01</u>
Inventor (6)	<u>CHARLES A. PORTER</u> (Type or Print)		(Signature in Full. No initials.)
Post Office Address	<u>810 30th Ave., Seattle, Washington 98122</u>		
1st Witness	<u>Kevin Adams</u> (Type or Print)		(Signature in Full. No initials.)
2nd Witness	<u>Robert Jasper</u> (Type or Print)		(Signature in Full. No initials.)

After this Assignment has been recorded please RETURN to:

Patent Operations
THOMSON Licensing Inc.
Licensing Inc.