

FORM PTO-1595
1-31-92PU010245
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1. Name of conveying party(ies): Jonathan Robert Nowitz, Jennifer Weis, Julie L. Trott, Srinivasan Sudanagunta, Austin David Dahl and Michael Gerald Maitlen		2. Name and address of receiving party(ies): Name: Thomson Licensing S.A.	
Additional name(s) of conveying party(ies) attached: <input checked="" type="checkbox"/> No		Street Address: 46 quai Alphonse Le Gallo P-92100 Boulogne Billancourt France	
3. Nature of conveyance: <input checked="" type="checkbox"/> Assignment <input type="checkbox"/> Security Agreement <input type="checkbox"/> Other _____		City: Boulogne Billancourt State: France Zip:	
Execution Date: October 17, 2003, November 3, 2003 and October 17, 2003 respectively		Additional name(s) & address(es) attached? <input checked="" type="checkbox"/> No	
4. Application number(s) or patent number(s): Serial No. 10/625,141 If this document is being filed together with a new application, the execution date of the application is: A. Patent Application No.(s) U.S. 10/625,141		B. Patent No.(s) ----	
Additional numbers attached? <input checked="" type="checkbox"/> No		6. Total number of applications and patents involved: <u>1</u>	
5. Name and address of party to whom correspondence concerning document should be mailed: Name: JOSEPH S. TRIPOLI Internal Address: PATENT OPERATIONS THOMSON multimedia Licensing Inc. Street Address: PO Box 5312 City: PRINCETON State: NEW JERSEY Zip :08543-5312		7. Total Fee (37 CFR 3.41): \$40.00 Enclosed <input checked="" type="checkbox"/> Authorized to be charged to deposit account	
		8. Deposit account number: 07-0832	

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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.

Joel M. Fogelson Nov. 7, 2003
 Name of Person Signing Signature - Reg. No. 43,613 Date
 Total number of pages comprising cover sheet: 5

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PATENT
 REEL: 014113 FRAME: 0038

PU010245

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 6 joint inventors (if plural inventors are named below) of the inventions relating to METHOD AND SYSTEM FOR RULE BASED INDEXING OF MULTIPLE DATA STRUCTURES

described in an application for Letters Patent of the United States of America filed on July 23, 2003 Under Serial No. 10/625,141

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, renewals 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 in its 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>X 10/17/03</u>
Inventor (1)	<u>JONATHAN ROBERT NOWITZ</u> (Type or Print)		<u>X</u>  (Signature in Full. No initials.)
Post Office Address	<u>2302 NE 92 St., Seattle, Washington 98115</u>		
1st Witness	<u>Eric Rehm</u> (Type or Print)		<u>Eric Rehm</u> (Signature in Full. No initials.)
2nd Witness	<u>Julie Trott</u> (Type or Print)		<u>Julie Trott</u> (Signature in Full. No initials.)
Signed at	<u>Seattle, Washington</u>	Date	<u>10/17/03</u>
Inventor (2)	<u>JENNIFER WEIS</u> (Type or Print)		<u>Jennifer Weis</u> (Signature in Full. No initials.)
Post Office Address	<u>1302 Queen Anne Avenue N #5, Seattle, Washington 98109</u>		
1st Witness	<u>Eric Rehm</u> (Type or Print)		<u>Eric Rehm</u> (Signature in Full. No initials.)
2nd Witness	<u>JONATHAN NOWITZ</u> (Type or Print)		<u>Jonathan Nowitz</u> (Signature in Full. No initials.)
Signed at	<u>Seattle, Washington</u>	Date	<u>10/17/03</u>
Inventor (3)	<u>JULIE L. TROTT</u> (Type or Print)		<u>Julie L. Trott</u> (Signature in Full. No initials.)
Post Office Address	<u>6904 NE 161st Street, Seattle, Washington 98028</u>		
1st Witness	<u>Eric Rehm</u> (Type or Print)		<u>Eric Rehm</u> (Signature in Full. No initials.)
2nd Witness	<u>JONATHAN NOWITZ</u> (Type or Print)		<u>Jonathan Nowitz</u> (Signature in Full. No initials.)

After this Assignment has been recorded please RETURN to:

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Thomson Licensing Inc.
P.O. Box 5312
Princeton, NJ 08543-5312

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Signed at	<u>Seattle, Washington</u>	Date	<u>X Nov 3, 2003</u>
Inventor (1)	<u>SRINIVASAN SUDANAGUNTA</u> (Type or Print)		<u>X</u> (Signature in Full. No Initials.)
Post Office Address	<u>913 26th Avenue E., Seattle, Washington 98112-4115</u>		
1st Witness	<u>Eric Rehm</u> (Type or Print)		<u>Eric Rehm</u> (Signature in Full. No Initials.)
2nd Witness	<u>SONATHAN NOWITE</u> (Type or Print)		<u>SONATHAN NOWITE</u> (Signature in Full. No Initials.)
Signed at	<u>Seattle, Washington</u>	Date	
Inventor (2)	<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			(Signature in Full. No Initials.)
2nd Witness			(Signature in Full. No Initials.)
Signed at	<u>Tacoma, Washington</u>	Date	
Inventor (3)	<u>MICHAEL GERALD MAITLEN</u> (Type or Print)		(Signature in Full. No Initials.)
Post Office Address	<u>1107 North M Street, Tacoma, Washington 98403</u>		
1st Witness			(Signature in Full. No Initials.)
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Signed at	<u>Seattle, Washington</u>	Date	<u>10/17/03</u>
Inventor (2)	<u>AUSTIN DAVID DAHL</u> (Type or Print)	(Signature in Full. No initials.)	<u>Austin David Dahl</u>
Post Office Address	<u>2039 26th Ave. E., Seattle, Washington 98112</u>		
1st Witness	<u>Eric Behm</u> (Type or Print)	(Signature in Full. No initials.)	<u>Eric Behm</u>
2nd Witness	<u>DANIEL A. HENDRICK</u> (Type or Print)	(Signature in Full. No initials.)	<u>Dan A. Hendrick</u>
Signed at	<u>Tacoma, Washington</u>	Date	
Inventor (3)	<u>MICHAEL GERALD MAITLEN</u> (Type or Print)	(Signature in Full. No initials.)	
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Post Office Address	<u>1107 North M Street, Tacoma, Washington 98403</u>		
1st Witness	<u>Brent Charles Olson</u> (Type or Print)		(Signature in Full. No initials.)
2nd Witness	<u>Ruth J. Maitlen</u> (Type or Print)		(Signature in Full. No initials.)

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