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1-31-92RCA 90.010
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101432907

RECORDATION FORM COVER SHEET
PATENTS ONLY

To the Honorable Assistant Commissioner for Patents:

Please record the attached original documents or copy thereof.

1. Name of conveying party(ies):

**Maxim B. Belotserkovsky, and
Louis Robert Litwin, Jr.**Additional name(s) of
conveying party(ies)
attached:Yes No **X**

2. Name and address of receiving party(ies):

Name: **THOMSON LICENSING S.A.**

Internal Address:

Street Address: **46 Quai A. Le Gallo
92648 Boulogne Cedex
FRANCE**

City:

State:

Zip:

3. Nature of conveyance:

Assignment **X**

Merger

Security Agreement

Change of Name

Other

Execution Date: **July 24th and July 20th, 2000, respectively.**

Additional name(s) & address(es) attached?

Yes

No **X**

4. Application number(s) or patent number(s):

If this document is being filed together with a new application, the execution date of the application is: **July 24th and July 20th, 2000,**

A. Patent Application No.(s)

B. Patent No.(s)

respectively.

09630005

Additional numbers attached?

Yes

No **X**5. Name and address of party to whom correspondence
concerning document should be mailed:

Name:

JOSEPH S. TRIPOLIInternal Address: **Thomson multimedia Licensing Inc.
Patent Operations**Street Address: **P.O. Box 5312**City: **PRINCETON** State: **NEW JERSEY** Zip: **08543-5312**6. Total number of applications and patents involved: 1

7. Total Fee (37 CFR 3.41):

\$40.00 Enclosed**X** 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.**Vincent E. Duffy**

Name of Person Signing

Registration No. **39,964**

Signature

July 31, 2000

Date

Total number of pages including cover sheet, attachments, and document: 3

OMB No. 0651-0011 (exp. 4/94)

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PATENT
REEL: 010988 FRAME: 0055

**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 2 joint inventors
(if plural inventors are named below) of the inventions relating to A METHOD AND SYSTEM FOR PROCESSING ORTHOGONAL
FREQUENCY DIVISION MULTIPLEXED SIGNALS
described in an application for Letters Patent of the United States of America filed on _____ under Serial No. _____
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 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	35511 Cesson-Sevigné Cedex	Date	
	Rennes, FRANCE		07/24/00
Inventor (1)	Maxim B. Belotserkovsky		Maxim B. Belotserkovsky
	(Type or Print)		(Signature in Full. No initials.)
Post Office Address	9108 Bryant Lane 3A, Indianapolis, Indiana 46250		
1st Witness	GUILLOUARD Samuel		Samuel Guillouard
	(Type or Print)		(Signature in Full. No initials.)
2nd Witness	LOREZ PATRICK		Patrick Lorez
	(Type or Print)		(Signature in Full. No initials.)
Signed at		Date	
Inventor (2)			
	(Type or Print)		(Signature in Full. No initials.)
Post Office Address			
1st Witness			
	(Type or Print)		(Signature in Full. No initials.)
2nd Witness			
	(Type or Print)		(Signature in Full. No initials.)
Signed at		Date	
Inventor (3)			
	(Type or Print)		(Signature in Full. No initials.)
Post Office Address			
1st Witness			
	(Type or Print)		(Signature in Full. No initials.)
2nd Witness			
	(Type or Print)		(Signature in Full. No initials.)

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P.O. Box 5312
Two Independence Way
Princeton, NJ 08543-5312

**ASSIGNMENT AND AGREEMENT IN AN APPLICATION FOR
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I hereby declare that I am the sole inventor (if only one inventor is named below) or one of 2 joint inventors
(if plural inventors are named below) of the inventions relating to A METHOD AND SYSTEM FOR PROCESSING ORTHOGONAL
FREQUENCY DIVISION MULTIPLEXED SIGNALS
described in an application for Letters Patent of the United States of America filed on _____ under Serial No. _____
or, if not identified here by filing date and serial number, executed by me on even date with my execution of this

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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 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 _____	Date _____	
Inventor (1) _____ (Type or Print)		(Signature in Full. No initials.) _____
Post Office Address _____		
1st Witness _____ (Type or Print)		(Signature in Full. No initials.) _____
2nd Witness _____ (Type or Print)		(Signature in Full. No initials.) _____
Signed at <u>Indianapolis, Indiana</u>	Date <u>7-20-00</u>	
Inventor (2) <u>Louis Robert Litwin, Jr.</u> (Type or Print)		<u>Louis Robert Litwin Jr</u> (Signature in Full. No initials.)
Post Office Address <u>126 Pineview Drive #8, Carmel, Indiana 46032</u>		
1st Witness <u>Ahmet Mursit Eskicioglu</u> (Type or Print)		<u>Ahmet Mursit Eskicioglu</u> (Signature in Full. No initials.)
2nd Witness <u>Charles Bryan Hunt</u> (Type or Print)		<u>Charles Bryan Hunt</u> (Signature in Full. No initials.)
Signed at _____	Date _____	
Inventor (3) _____ (Type or Print)		(Signature in Full. No initials.) _____
Post Office Address _____		
1st Witness _____ (Type or Print)		(Signature in Full. No initials.) _____
2nd Witness _____ (Type or Print)		(Signature in Full. No initials.) _____

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