PF010090

FORM PTO-1595 9-21-95

U.S. DEPARTMENT OF COMMERCE Patent and Trademark Office

RECORDATION FORM COVER SHEET PATENTS ONLY

To the Honorable Assistant Commissioner for Patents: Please record the attached origin	nal documents or come the section	···-
Name of conveying party(ies):	and documents or copy thereof.	
Françoise Le Bolzer	2. Name and address of receiving party(ies):	
Ali Louzir	Name: THOMSON LICENSING S.A.	
Franck Thudor	Internal Address:	
Philippe Minard	michiai Aggiess.	
Additional name(s) of Yes No X	Street Address; 46 QUAI A, LE GALLO	
conveying party(ies)	F-02100 ROLU OCNE BULL ANGOLUM DE LANGO	
attached:	F-92100 BOULOGNE BILLANCOURT, FRANCE	
Nature of conveyance:	City: State: 7	-
Assignment X Merger	State. Z	ip;
Security Agreement Change of Name		
Other		
Execution 7/23/02, 7/23/02, 7/23/02, and 9/16/02, respectively	Additional name(s) & address(es) attached? Yes	h' 37
4. Application number(s) or patent number(s):		No X
If this document is being filed together with a new application, the execution date of	the application is:	
A. Patent Application No.(s):10/213,976	B. Patent No.(s)	
Additional numbers attached? Yes	No X	
5 November 1 at 1 C		
5. Name and address of party to whom correspondence	6. Total number of applications and patents involved:_1	
concerning document should be mailed: Name: JOSEPH S. TRIDOLI	11 Provide 11 - 1	
Internal Address: THOMSON MULTIMEDIA LICENSING, INC.	7. Total Fee (37 CFR 3.41): \$40.00	
	Enclosed	
Street Address 2 INDEDITIONS	X Authorized to be charged to deposit account	
Street Address: 2 INDEPENDENCE WAY	8. Deposit account number:	
City: PRINCETON State: NEW JERSEY Zin :08543,5312	07-0832	
City: PRINCETON State: NEW JERSEY Zip :08543-5312		
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9. Statement and signature.		
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To the best of my knowledge and belief, the foregoing information is true and correct copy of the original document.	and any attached copy is a true	
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Name of Person Signing Signature	007. 2. 2002	
	Date	
Total number of pages including cover sheet, attachments, and document:	7	
OMB No. 0651-0011 (exp. 4/94)		
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sheet. Send comments regarding this burden estimate to the U.S. Patent and Trademar. Systems, PK2-1000C, Washington, D.C. 20221 and at the O.S. Patent and Trademar.	k Office, Office of Information	
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Systems, PK2-1000C, Washington, D.C. 20231, and to the Office of Management and Budget, Paperwork Reduction Project (0651-0011), Washington, D.C. 20503.

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PF010090

ASSIGNMENT OF APPLICATION FOR UNITED STATES LETTER PATENT

WHEREAS Françoise Le Bolzer, 28 rue Charles Oberthur, F-35000 Rennes, France; Ali Louzir, 6 rue de la Godmondière, F-35000 Rennes, France; France; Franck Thudor, 28 rue Charles Oberthur, F-35000 Rennes, France; Philippe Minard, 17 square du Bois Perrin, F-35700 Rennes, France; hereinafter (collectively) referred to as the assignor, have invented a certain improvement relating to

DEVICE FOR RECEIVING AND/OR EMITTING SIGNALS WITH RADIATION DIVERSITY

for which said assignor has caused an application for United States Letters Patent to be prepared,

- the inventor's declaration for said application being executed concurrently with the execution of this instrument; said application to be filed in the United States Patent and Trademark Office:
- () said application having been filed in the United States Patent and Trademark Office on Serial Number ;

AND WHEREAS

THOMSON LICENSING, S.A. 46 quai Alphonse Le Gallo F-92100 Boulogne Billancourt FRANCE

hereinafter referred to as the assignee, is desirous of acquiring the entire right, title and interest in and to said application, including any and all divisions and continuations thereof, and in and to said invention and any and all patents which may be granted therefor, including any and all renewals, reissues and prolongations thereof:

NOW THIS WITNESSETH, that for good and valuable consideration paid by said assignee to said assignor, the receipt of which is hereby acknowledged, said assignor hereby assigns, sells and transfers to said assignee, and said assignee's successors and assigns, the entire and exclusive right, title and interest in and to said application, including any and all divisions and continuations thereof, and in and to said invention and any and all patents which may be granted therefor, including any and all renewals, reissues and prolongations thereof; said assignee, and said assignee's successors and assigns, to have, hold, exercise and enjoy the said application, including any and all divisions and continuations thereof, and the said invention and any and all patents which may be granted therefor, including any and all renewals, reissues and prolongations thereof, with all the rights, powers, privileges and advantages in anywise arising from or appertaining thereto, for and during the term or terms of any and all such patents when granted, including any and all renewals, reissues and prolongations thereof, for the use and benefit of said assignee, and said assignee's successors and assigns, in as ample and beneficial a manner as the said assignor might or could have held and enjoyed the same, if this assignment had not been made.

AND said assignor hereby agrees to perform, upon the request of said assignee, or said assignee's successors or assigns, any and all acts relating to the obtaining or to the asserting of said patents, including any and all renewals, reissues and prolongations thereof.

AND said assignor authorizes and requests the Commissioner of Patents and Trademarks to issue Letters Patent on said application, and on any and all divisions and continuations thereof, to said assignee, and said assignee's successors and assigns, in accordance herewith.

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PF010090

EXECUTED, this $_{\it L3}$ day of	Joly , 2002.
WITNESSES:	ASSIGNOR:
Signature:	Signature: Jobben
Name: AVERTY Florent Address: 24 bol Solfenino	Name: Françoise Le Bolzer
Signature: Signature: Some Some Some Some Some Some Some Some	
EXECUTED, thisday of	July , 2002.
WITNESSES:	ASSIGNOR:
Signature:	Signature:
Name: ROBENG Je Address: 2 rue Paul Gauguly Belton. 38-830	Name: Ali Louzir
Signature:	
Name: DENis Bernard Address: La Fiolais	
3558 SESENOUX	

EXECUTED, this 23 day of July __, 2002.

WITNESSES:

Signature: _

Name:

Palrich Lapez

Address: 30° nu du Colombia 3560 livrés/changeon

Signature:

JEANNE LUDING Name:

ASSIGNOR:

Name: Franck Thudor

- 3 -

PF010090

EXECUTED, thisda	ay of, 2002.
WITNESSES:	ASSIGNOR:
Signature:	Signature:
Name: Address:	Name: Phillipe Minard
Signature:	
Name: Address:	

-1- PF010090

ASSIGNMENT OF APPLICATION FOR UNITED STATES LETTER PATENT

WHEREAS Françoise Le Bolzer, 28 rue Charles Oberthur, F-35000 Rennes, France; Ali Louzir, 6 rue de la Godmondière, F-35000 Rennes, France; France; Franck Thudor, 28 rue Charles Oberthur, F-35000 Rennes, France; Philippe Minard, 17 square du Bois Perrin, F-35700 Rennes, France; hereinafter (collectively) referred to as the assignor, have invented a certain improvement relating to

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- the inventor's declaration for said application being executed concurrently with the execution of this instrument; said application to be filed in the United States Patent and Trademark Office;
- (xx) said application having been filed in the United States Patent and Trademark Office on August 7, 2002 Serial Number 10/213976 ;

AND WHEREAS

THOMSON LICENSING, S.A. 46 quai Alphonse Le Galio F-92100 Boulogne Billancourt FRANCE

hereinafter referred to as the assignee, is desirous of acquiring the entire right, title and interest in and to said application, including any and all divisions and continuations thereof, and in and to said invention and any and all patents which may be granted therefor, including any and all renewals, reissues and prolongations thereof;

NOW THIS WITNESSETH, that for good and valuable consideration paid by said assignee to said assignor, the receipt of which is hereby acknowledged, said assignor hereby assigns, sells and transfers to said assignee, and said assignee's successors and assigns, the entire and exclusive right, title and interest in and to said application, including any and all divisions and continuations thereof, and in and to said invention and any and all patents which may be granted therefor, including any and all renewals, reissues and prolongations thereof; said assignee, and said assignee's successors and assigns, to have, hold, exercise and enjoy the said application, including any and all divisions and continuations thereof, and the said invention and any and all patents which may be granted therefor, including any and all renewals, reissues and prolongations thereof, with all the rights, powers, privileges and advantages in anywise arising from or appertaining thereto, for and during the term or terms of any and all such patents when granted, including any and all renewals, reissues and prolongations thereof, for the use and benefit of said assignee, and said assignee's successors and assigns, in as ample and beneficial a manner as the said assignor might or could have held and enjoyed the same, if this assignment had not been made.

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-2-

PF010090

EXECUTED, this	day of	, 2002.
WITNESSES:		ASSIGNOR:
Signature:	**************************************	Signature:
Name: Address:		Name: Françoise Le Bolzer
Signature <u>:</u> .		
Name: Address:		
EXECUTED, this	day of	, 2002.
WITNESSES:		ASSIGNOR:
Signature:	·	Signature:
Name: Address:		Name: Ali Louzir
Signature <u>:</u> Name: Address:		
EXECUTED, this	dav of	. 2002.
WITNESSES:	,	ASSIGNOR:
Signature:	**************************************	Signature:
Name: Address:		Name: Franck Thudor
Signature <u>:</u> .		

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PF010090

WITNESSES:

Signature:

Name: BOISBOUVIER NICOLAS Address: 6, RUE JEAN MARIN

35 700 RENNES

RECORDED: 10/02/2002

Signature:

horent jue 2 rue Paul Goubuil Name: Address:

35330, BETTOW.

ASSIGNOR:

Signature:

Name: Phillipe Minard

PATENT