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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):  
**PATRICE HIRTZLIN**  
**JEAN-YVES LE NAOUR**  
**PATRICK WURM**  
Additional name(s) of conveying party(ies) attached: Yes No X  
1-17-03

2. Name and address of receiver:  
Name: THOMSON Licensing S...  
Internal Address: 46 Quai A. Le Gallo  
F-92100 Boulogne-Billancourt France  
Street Address:  
City: State: Zip:  
102519486

3. Nature of conveyance:  
Assignment  X  
Security Agreement  
Other  
Execution Dates December 17, 17, and 18, 2002, respectively  
Merger  
Change of Name

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:  
A. Patent Application No.(s) FR 00/09571  
PCT/FR01/02197  
Additional numbers attached? Yes No X  
10333320

B. Patent No.(s)

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

6. Total number of applications and patents involved: 1  
7. Total Fee (37 CFR 3.41): \$40.00  
 Enclosed  
 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.

**BRIAN J. CROMARTY**  
Name of Person Signing

Signature

January 17, 2003  
Date

Total number of pages including cover sheet, attachments, and document: 5

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

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Assistant Commissioner for Patents  
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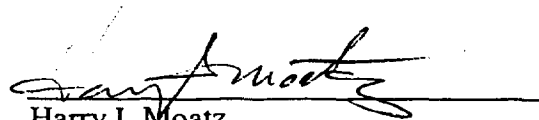
BEFORE THE OFFICE OF ENROLLMENT AND DISCIPLINE  
UNITED STATE PATENT AND TRADEMARK OFFICE

LIMITED RECOGNITION UNDER 37 CFR § 10.9(b)

Brian Jonathan Cromarty is hereby given limited recognition under 37 CFR § 10.9(b), as an employee of Thomson Multimedia Licensing, Inc., to prepare and prosecute patent applications wherein Thomson Multimedia Licensing, Inc. is the assignee of record of the entire interest. This limited recognition shall expire on the date appearing below, or when whichever of the following events first occurs prior to the date appearing below: (i) Brian Jonathan Cromarty ceases to lawfully reside in the United States, (ii) Brian Jonathan Cromarty's employment with Thomson Multimedia Licensing, Inc., ceases or is terminated, or (iii) Brian Jonathan Cromarty ceases to remain or reside in the United States on an H-1B visa.

This document constitutes proof of such limited recognition. The original of this document is on file in the Office of Enrollment and Discipline of the U.S. Patent and Trademark Office.

Expires: December 6, 2003



Harry I. Moatz  
Director of Enrollment and Discipline

ASSIGNMENT OF APPLICATION FOR UNITED STATES LETTER PATENT

WHEREAS Patrice Hirtzlin, 3bis rue de la Côte d'Emeraude, F-35830 Betton, France; Jean-Yves Le Naour, 1 rue des Badiers, F-35740 Pacé, France; Patrick Wurm, 19 Fox's Way, Comberton, CB37DL Cambridge, United Kingdom; hereinafter (collectively) referred to as the assignor, have invented a certain improvement relating to

**RF SIGNALS AMPLIFICATION BLOCK, RF SIGNALS TRANSMISSION DEVICE AND RF SIGNALS TRANSMISSION ANTENNA/TERMINAL**

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

- (xx) 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.

EXECUTED, this 17<sup>th</sup> day of December, 2002.

WITNESSES:

Signature: \_\_\_\_\_

Name: PISTOS

Address: 16 ALLÉE DES FRÈRES  
35230 BOURG-BARRE

ASSIGNOR:

Signature: \_\_\_\_\_

Name: Patrice Hirtzlin

Signature: \_\_\_\_\_

Name: NOURQUARD

Address: 11, rue Noire  
35000 RENNES

EXECUTED, this 17<sup>th</sup> day of December, 2002.

WITNESSES:

Signature: \_\_\_\_\_

Name: D. LO THINE TONG

Address: 49, RUE JEANNE COUPLAN  
31700 RENNES.

ASSIGNOR:

Signature: \_\_\_\_\_

Name: Jean-Yves Le Naour

Signature: \_\_\_\_\_

Name: P. CHABRELIN

Address: 14 Rue du Plessis d'Essé  
35410 Chateaugiron.

EXECUTED, this \_\_\_\_\_ day of \_\_\_\_\_, 2002.

WITNESSES:

Signature: \_\_\_\_\_

Name:

Address:

ASSIGNOR:

Signature: \_\_\_\_\_

Name: Patrick Wurm

Signature: \_\_\_\_\_

Name:

Address:

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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.

EXECUTED, this \_\_\_\_\_ day of \_\_\_\_\_, 2002.

WITNESSES:

ASSIGNOR:

Signature: \_\_\_\_\_

Signature: \_\_\_\_\_

Name:  
Address:

Name: Patrice Hirtzlin

Signature: \_\_\_\_\_

Name:  
Address:

EXECUTED, this \_\_\_\_\_ day of \_\_\_\_\_, 2002.

WITNESSES:

ASSIGNOR:

Signature: \_\_\_\_\_

Signature: \_\_\_\_\_

Name:  
Address:

Name: Jean-Yves Le Naour

Signature: \_\_\_\_\_

Name:  
Address:

EXECUTED, this 18 day of DECEMBER, 2002.

WITNESSES:


ASSIGNOR:

Signature: 

Signature: 

Name: PETER CORNER  
Address: 4 LOCKERS PARK LANE  
HEMEL HEMPSTEAD  
HERTS MK1 1TH UK

Name: Patrick Wurm

Signature: 

Name: NIGEL WALCOTT  
Address: 202 HIGH ST  
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