

VIA FACSIMILE (2 pgs)

RCA 90285

FORM PTO-1595
Rev. 04/2003

U.S. DEPARTMENT OF COMMERCE
Patent and Trademark Office

RECORDATION FORM COVER SHEET
PATENTS ONLY

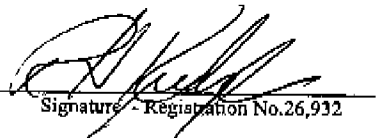
To the Honorable Director of the United States Patent and Trademark Office: Please record the attached original documents or copy thereof.

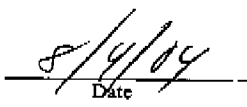
1. Name of conveying party(ies): CHANDRA (NMN) MOHAN ZHIMING JAMES ZHANG MANUAL (NMN) APRAEZ Additional name(s) of conveying party(ies) attached: <input checked="" type="checkbox"/> No	2. Name and address of receiving party(ies): Name: Thomson Licensing S.A. Internal Address: Street Address: 46 Qual A. Le Gallo F-92100 Boulogne-Billancourt, France Additional name(s) & address(es) attached? <input checked="" type="checkbox"/> No
3. Nature of conveyance: <input checked="" type="checkbox"/> Assignment <input type="checkbox"/> Merger <input type="checkbox"/> Security Agreement <input type="checkbox"/> Change of Name <input type="checkbox"/> Other	
Execution Date October 17, 2000, respectively 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): US 09/626,295 Additional numbers attached? Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> X 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 LICENSING INC. 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 <input type="checkbox"/> Enclosed <input checked="" type="checkbox"/> Authorized to be charged to deposit account 8. Deposit account number: 07-0832

DO NOT USE THIS SPACE

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.

RONALD H. KURDYLA
 Name of Person Signing


 Signature - Registration No. 26,932


 Date

Total number of pages including cover sheet, attachments, and document **2**

DO NOT DETACH THIS PORTION

Mail documents to be recorded with this sheet to:

Mail Stop Assignment Recordation Services
 Director of the United States Patent and Trademark Office
 P. O. Box 1450
 Alexandria, Virginia 22313-1450

Public burden reporting for this sample cover sheet is estimated to average about 30 minutes per document to be recorded, including time for reviewing the document and gathering the data needed, and completing and reviewing the sample cover sheet. Send comments regarding this burden estimate to the U.S. Patent and Trademark Office, Office of Information Systems, PK2-1000C, Washington, D.C. 20231, and to the Office of Management and Budget, Paperwork Reduction Project (0651-0011), Washington, D.C. 20503.

CHI \$40.00 070832 09626295

RCA 90,285

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 3 Joint Inventors (if plural inventors are named below) of the inventions relating to AN IN-BAND-ON-CHANNEL BROADCAST SYSTEM FOR DIGITAL DATA

described in an application for Letters Patent of the United States of America under Serial No. 09/626,296 filed on July 25, 2000 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 an 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 Indianapolis, Indiana Date 10-17-00

Inventor (1) Chandra (NMN) Mohan (Type or Print) Signature in Full, No Initials.

Post Office Address 12970 Fleetwood Drive North, Carmel, Indiana 46032

1st Witness IZZAT HEKMAT IZZAT (Type or Print) Signature in Full, No Initials.

2nd Witness Kathy Lynn Graves (Type or Print) Signature in Full, No Initials.

Signed at Indianapolis, Indiana Date 10-17-2000

Inventor (2) Zhiming James Zhang (Type or Print) Signature in Full, No Initials.

Post Office Address 10854 Belair Drive, Indianapolis, Indiana 46280

1st Witness Thomas Anthony Stahl (Type or Print) Signature in Full, No Initials.

2nd Witness Kathy Lynn Graves (Type or Print) Signature in Full, No Initials.

Signed at Indianapolis, Indiana Date 10/17/00

Inventor (3) Manual (NMN) Apraez (Type or Print) Signature in Full, No Initials.

Post Office Address 219 Walter Court, Carmel, Indiana 46032

1st Witness Thomas Anthony Stahl (Type or Print) Signature in Full, No Initials.

2nd Witness Kathy Lynn Graves (Type or Print) Signature in Full, No Initials.

After this Assignment has been recorded please RETURN to:

Patent Operations THOMSON multimedia Licensing Inc. 2 Independence Way P. O. Box 5312 Princeton, NJ 08543-5312