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U.S. DEPARTMENT OF COMMERCE

Patent and Trademark Office

OVER SHEET

| To the Honorable Director of the United States Patent and Trademark Office: Please re-                                                                                                                                                                                                          | cord the attached original documents or copy thereof.                                  |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------|
| 1. Name of conveying party(ies): Thomson Licensing S.A.                                                                                                                                                                                                                                         | 2. Name and address of receiving party(ies): Name: THOMSON LICENSING Internal Address: |
| Additional name(s) of X No conveying party(ies) attached:                                                                                                                                                                                                                                       | Street: 46 Quai A. Le Gallo<br>F-92100 Boulogne-Billancourt, France                    |
| 3. Nature of convenance:  X Assignment Merger Security Agreement Change of Name Other                                                                                                                                                                                                           |                                                                                        |
| Execution Date: JUNE 15, 2006                                                                                                                                                                                                                                                                   | Additional name(s) & address(es)attached? X No                                         |
| 4. Application number(s) or patent number(s):  If this document is being filed together with a new application, the execution date of                                                                                                                                                           | 1 *-                                                                                   |
| A. Patent Application No.(s): PCT/US2005/000755                                                                                                                                                                                                                                                 | B. Patent No.(s) 10 (586123                                                            |
| Additional numbers attached? Yes                                                                                                                                                                                                                                                                | No X                                                                                   |
| <ol> <li>Name and address of party to whom correspondence<br/>concerning document should be mailed:</li> <li>Name: JOSEPH J. LAKS</li> </ol>                                                                                                                                                    | 6. Total number of applications and patents involved:1                                 |
| Internal Address: PATENT OPERATIONS THOMSON LICENSING INC.                                                                                                                                                                                                                                      | 7. Total Fee (37 CFR 3.41): \$40.00<br>Enclosed                                        |
| Street Address: P. O. Box 5312                                                                                                                                                                                                                                                                  | X Authorized to be charged to deposit account  8. Deposit account number:  07-0832     |
| City: PRINCETON State: NEW JERSEY Zip: 08543-5312                                                                                                                                                                                                                                               |                                                                                        |
| DO NO                                                                                                                                                                                                                                                                                           | OT USE THIS SPACE                                                                      |
| 9. Statement and signature.  To the best of my knowledge and belief, the foregoing information is frue and correct copy of the original document.  Guy H. Eriksen  Name of Person Signing  Total number of pages including cover sheet, attachments, and correct copy of the original document. | Reg. No. 41,736  14 JULY 2006  Date                                                    |
| DO NOT 1                                                                                                                                                                                                                                                                                        | ETACU THIS DODTION                                                                     |
| Mail documents to be recorded with this sheet to:  Mail Stop Assi Director of the United                                                                                                                                                                                                        | gnment Recordation Services States Patent and Trademark Office P. O. Box 1450          |
| Public burden reporting for this sample cover sheet is estimated to average about 30 and gathering the data needed, and completing and reviewing the sample cover sheet Office, Office of Information Systems, PK2-1000C, Washington, D.C. 20231, and to (0651-0011), Washington, D.C. 20503.   | Send comments regarding this burden estimate to the U.S. Patent and Trademark          |
| 07/21/2006 GFREY1 00000047 070832 10586123                                                                                                                                                                                                                                                      |                                                                                        |

**PATENT** 

**REEL: 018115 FRAME: 0563** 

Docket No.: PU040035

## **ASSIGNMENT**

WHEREAS, Thomson Licensing S.A., a corporation duly organized and existing under the laws of France, having offices at 46, Quai A. Le Gallo, F-92100 Boulogne-Billancourt, France and THOMSON LICENSING, a corporation organized and existing under the laws of France and having offices at 46, Quai A. Le Gallo, F-92100 Boulogne-Billancourt, France, entered into an agreement calling for the assignment of certain inventions, to THOMSON LICENSING;

NOW THEREFORE, Thomson Licensing S.A., in consideration of the mutual covenants of said agreement, does hereby assign to THOMSON LICENSING, its successors and assigns, Thomson Licensing S.A.'s entire right, title and interest, for all countries and states, in and to, and including any right to claim priority of:

Provisional Application No. 60/540,634, filed 30 January 2004 PCT Application No. PCT/US2005/000755 filed 11 January 2005 Title: ENCODER WITH ADAPTIVE RATE CONTROL

| THOMSON LICENSING                                 |  |  |
|---------------------------------------------------|--|--|
| By:                                               |  |  |
| Robery E/Levy Sr. Patent Counsel, Reg. No. 28,234 |  |  |
| Thomson Licensing Inc.                            |  |  |
| And Attorney in Fact for                          |  |  |
| THOMSON LICENSING                                 |  |  |
|                                                   |  |  |

## **NOTARIAL CERTIFICATE**

| State of New Jersey | ) |     |
|---------------------|---|-----|
|                     | ) | :ss |
| County of Middlesex | ) |     |

I do hereby certify that Thomson Licensing S.A., and THOMSON LICENSING, mentioned in the foregoing Assignment, both having offices at the addresses listed above, are corporations organized and existing under the laws of the country of France, and that Robert B. Levy who signed the foregoing Assignment this day, is/are fully authorized to execute the document on behalf of Thomson Licensing S.A. and THOMSON LICENSING respectively for this purpose.

Signed and sealed this KTN day of

2006.

Notary Public

After this Assignment has been recorded please RETURN to: Patent Operations Thomson Licensing Inc. PO Box 5312 Princeton, NJ 08543-5312

RECORDED: 07/14/2006

Rev. 07/2005

PATRICIA M. FEDOROWYCZ NOTARY PUBLIC OF NEW JERSEY My Commission Exp. July 23, 2008

> PATENT REEL: 018115 FRAME: 0564