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1. Name of conveying party(ies): CRISTINA GOMILA JOAN LLACH JEFFREY ALLEN COOPER Additional name(s) of conveying party(ies) attached: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	2. Name and address of receiving party(ies): Name: THOMSON Licensing Internal Address: Street: 46 Quai A. Le Gallo F-92100 Boulogne-Billancourt, France Additional name(s) & address(es) attached? <input type="checkbox"/> Yes <input 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 15, 18, 14, 2005, 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: November 17, 2005, respectively A. Patent Application No.(s): Additional numbers attached? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> X	B. Patent No.(s): Additional name(s) & address(es) attached? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> X
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5. Name and address of party to whom correspondence concerning document should be mailed: Name: ROBERT D. SHEDD Internal Address: PATENT OPERATIONS THOMSON LICENSING LLC Street Address: P. O. Box 5312 City: PRINCETON State: NEW JERSEY Zip: 08543-5312	6. Total number of applications and patents involved: <u>1</u> 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
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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.

ROBERT B. LEVY
 Name of Person Signing

[Signature]
 Signature - Reg. No. 28,234

10/20/09
 Date

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

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ASSIGNMENT AND AGREEMENT IN A PROVISIONAL APPLICATION FOR PATENT FILED IN THE UNITED STATES OF AMERICA UNDER 35 U.S.C. §111(b)

I hereby declare that I am the sole inventor (if only one inventor is named below) or one of 3 three joint inventors (if plural inventors are named below) of the inventions relating to Film Grain Method For HD DVD Systems

described in a Provisional Application for Patent filed in the United States of America under 35 U.S.C. §111(b) on October 18, 2004 under Serial No. 60/819,655 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, a corporation duly organized and existing under the laws 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 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 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 hereafter 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 hereafter be substituted for it.

I covenant with THOMSON LICENSING, 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 Princeton, New Jersey USA Date Oct 15, 2005
Inventor (1) Cristina Gomila
Post Office Address 25C Chestnut Court, (Mercer County), Princeton, New Jersey 08540 USA
1st Witness Anelia F. Urban
2nd Witness Natalie Sobon-Brothman

Signed at Princeton, New Jersey USA Date Oct. 13, 2005
Inventor (2) Joan Llach
Post Office Address 25C Chestnut Court, (Mercer County), Princeton, New Jersey 08540 USA
1st Witness Anelia F. Urban
2nd Witness Natalie Sobon-Brothman

Signed at Princeton, New Jersey USA Date Oct 14, 2005
Inventor (3) Jeffrey Allen Cooper
Post Office Address 11 Toth Lane, (Somerset County), Rocky Hill, New Jersey 08533 USA
1st Witness Anelia F. Urban
2nd Witness Natalie Sobon-Brothman

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STATEMENT UNDER 37 CFR 3.73(b)

Applicant/Patent Owner: THOMSON LICENSING Customer No. 24498 Docket No: PU040284 Cont. 1

Application No./Patent No.: Not Available Filed/Issue Date: October 20, 2009

Titled: FILM GRAIN SIMULATION METHOD

THOMSON LICENSING, a Corporation
(Name of Assignee) (Type of Assignee, e.g., corporation, partnership, university, government agency, etc.)

states that it is:

- 1. [X] the assignee of the entire right, title, and interest in;
2. [] an assignee of less than the entire right, title, and interest in (The extent (by percentage) of its ownership interest is _____ %); or
3. [] the assignee of an undivided interest in the entirety of (a complete assignment from one of the joint inventors was made)

the patent application/patent identified above, by virtue of either:

A. [] An assignment from the inventor(s) of the patent application/patent identified above. The assignment was recorded in the United States Patent and Trademark Office at Reel _____, Frame _____, or for which a copy therefore is attached.

OR

B. [] A chain of title from the inventor(s), of the patent application/patent identified above, to the current assignee as follows:

1. From: _____ To: _____

The document was recorded in the United States Patent and Trademark Office at Reel _____, Frame _____, or for which a copy thereof is attached.

2. From: _____ To: _____

The document was recorded in the United States Patent and Trademark Office at Reel _____, Frame _____, or for which a copy thereof is attached.

3. From: _____ To: _____

The document was recorded in the United States Patent and Trademark Office at Reel _____, Frame _____, or for which a copy thereof is attached.

[] Additional documents in the chain of title are listed on a supplemental sheet(s).

[X] As required by 37 CFR 3.73(b)(1)(i), the documentary evidence of the chain of title from the original owner to the assignee was, or concurrently is being, submitted for recordation pursuant to 37 CFR 3.11.

[NOTE: A separate copy (i.e., a true copy of the original assignment document(s)) must be submitted to Assignment Division in accordance with 37 CFR Part 3, to record the assignment in the records of the USPTO. See MPEP 302.08]

The undersigned (whose title is supplied below) is authorized to act on behalf of the assignee.

Signature

Date

ROBERT B. LEVY Reg. No. 28,234

Sr. Patent Counsel

Printed or Typed Name

Title

This collection of information is required by 37 CFR 3.73(b). The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

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Signed at Princeton, New Jersey USA Date Oct 15, 2005 Inventor (1) Cristina Gomila (Type or Print) (Signature in Full. No initials.) Post Office Address 25C Chestnut Court, (Mercer County), Princeton, New Jersey 08540 USA 1st Witness Anelia F. Urban (Type or Print) (Signature in Full. No initials.) 2nd Witness Natalie Sobon-Brottman (Type or Print) (Signature in Full. No initials.)

Signed at Princeton, New Jersey USA Date Oct. 18, 2005 Inventor (2) Joan Llach (Type or Print) (Signature in Full. No initials.) Post Office Address 25C Chestnut Court, (Mercer County), Princeton, New Jersey 08540 USA 1st Witness Anelia F. Urban (Type or Print) (Signature in Full. No initials.) 2nd Witness Natalie Sobon-Brottman (Type or Print) (Signature in Full. No initials.)

Signed at Princeton, New Jersey USA Date Oct 14, 2005 Inventor (3) Jeffrey Allen Cooper (Type or Print) (Signature in Full. No initials.) Post Office Address 11 Toth Lane, (Somerset County), Rocky Hill, New Jersey 08533 USA 1st Witness Anelia F. Urban (Type or Print) (Signature in Full. No initials.) 2nd Witness NATALIE Sobon-BROTTMAN (Type or Print) (Signature in Full. No initials.)

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