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To the Honorable Director of the United States Patent and Trademark Office: Please rec	cord the attached original documents or copy thereof.		
1. Name of conveying party(ies): Thomson Licensing S.A.	Name and address of receiving party(ies): Name: THOMSON LICENSING		
Additional name(s) of X No conveying party(ies) attached:	Street: 46 Quai A. Le Gallo F-92100 Boulogne-Billancourt, France		
3. Nature of convenance: X Assignment Merger Security Agreement Change of Name Other	Additional name(s) & address(es)attached? X No		
Execution Date: April 28, 2009	Additional name(s) & address(es)attached? X No		
 Application number(s) or patent number(s): If this document is being filed together with a new application, the execution date of A. Patent Application No.(s): 11/107,764 	the application is: B. Patent No.(s)		
Additional numbers attached? Yes	No x		
5. Name and address of party to whom correspondence concerning document should be mailed: Name: ROBERT D. SHEDD	6. Total number of applications and patents involved: _ I		
Internal Address: PATENT OPERATIONS THOMSON LICENSING LLC SUITE 200	7. Total Fee (37 CFR 3.41): \$40.00 Enclosed X Authorized to be charged to deposit account		
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9. Statement and signature. To the best of my knowledge and belief, the foregoing information if true and correct copy of the original document. Patricia A. Verlangieri Name of Person Signing Total number of pages including cover sheet, attachments, a	April 28, 2009		
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Mail documents to be recorded with this sheet to:

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PATENT REEL: 022622 FRAME: 0171 Customer No.: 24498 Docket No.: PD040045

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:

US Application No. 11/107,764, filed 15 April 2005 Title: DEVICE FOR READING FROM OR WRITING TO OPTICAL RECORDING MEDIA

Thomson Licensing S.A.	THOMSON LICENSING		
By: Jakruis a Colons	By: Tashey a. O.		
Patricia A. Verlangieri	Patricia A. Verlangieri		
Sr. Patent Counsel, Reg. No. 42,201	Sr. Patent Counsel, Reg. No. 42,201		
Thomson Licensing Inc.	Thomson Licensing LLC		
And Attorney in Fact for	And Attorney in Fact for		
Thomson Licensing S.A.	THOMSON LICENSING		
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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 Patricia A. Verlangieri, 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 28 day of 102

Notary Public

THOMSON LICENSING

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

Rev. 07/2008

JOAN D. SANDERS I.D. #2376633 Notary Public of New Jersey Commission Expires 8/8/2013

> PATENT REEL: 022622 FRAME: 0172

RECORDED: 04/30/2009