USTOMER NO.; 24498	Docket No.: PU010070
DRM PTO-1595 ev. 01/17/2007	U.S. DEPARTMENT OF COMMERCE Patent and Trademark Office
RECOR	DATION FORM COVER SHEET PATENTS ONLY
o the Honorable Director of the United States Patent and TrademarkOffice: Ple	ase record the attached original documents or copy thereof.
Name of conveying party(ics): Thomson Licensing S.A.	2. Name and address of receiving party(ies): Name: THOMSON LICENSING
Additional name(s) of X No onveying party(ics) itached:	Street: 46 Quai A. Le Gallo F-92100 Boulogne-Billancourt, France
Nature of convenance: Assignment Merger Security Agreement Change of Name Other	
Execution Date: JUNE 27, 2008	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 the application is:
A. Patent Application No.(s): 10/474,909	B. Patent No.(s)
Additional numbers attached?	Yes No X
 Name and address of party to whom correspondence concerning document should be mailed: Name: JOSEPH J. UAKS 	6. Totsi number of applications and patents involved:1
Internal Address: PATENT OPERATIONS	7. Total Fee (37 CFR 3.41): <u>\$40.00</u>
THOMSON LICENSING LLC SUITE 200	Enclosed X Authorized to be charged to deposit account
Street or PO Address: P. O. Box 5312	8. Deposit account number:
City: PRINCETON State: NEW JERSEY Zip : 08543-5312	07-0832
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D. Statement and signature. To the best of my knowledge and belief, the foregoing information is true and a copy of the original document.	correct and any attached copy is a true
Brian J. Dorini	Nan_ JUNE 27, 2008
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	bout 30 minutes per document to be recorded, including time for reviewing the document or sheet. Send comments regarding this burden estimate to the U.S. Patent and Tradema , and to the Office of Management and Budget, Paperwork Reduction Project

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Docket No.: PU010070

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. 10/474,909, filed 15 October 2003 Title: A PHASE TRACKING SYSTEM

Thomson Licensing S.A. By: 🔽

Guy H. Eriksen Sr. Patent Counsel, Reg. No.41,736 Thomson Licensing Inc. And Attorney in Fact for Thomson Licensing S.A.

THOMSON LICENSING

Bran J. Dorini Sr. Patent Counsel, Reg. No.43,594 Thomson Licensing LLC 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 Brian J. Dorini, 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 27 Hay of June

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

Rev. 07/2007

Davida Joinaiot

PATENT REEL: 021167 FRAME: 0656

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Notary Public

DAVIDA P. FORNAROTTO NOTARY PUBLIC OF NEW JERSEY, I.D. No. 2096561 My Commission E: p. Lon. 28, 2012

RECORDED: 06/27/2008