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FORM PTO-1595

07/2005

CUSTOMER NO.: 24498

Docket No.: RCA 89,749

U.S. DEPARTMENT OF COMMERCE

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Additional name(s) of X No		
conveying party(ics)	Street: 46 Quai A. Le Gallo	
uttached:	F-92100 Boulogne-Billancourt, France	
3. Nature of convenance:		
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Security Agreement Change of Name		
Other		
Execution Date: 11/07/2005	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	the application is:	
A. Patent Application No.(s): 10/148.155	B. Patent No.(s)	
Additional numbers attached? Yes	No X	
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concerning document should be mailed:		
Name: JOSEPH S. TRIPOLI	7. Total Fee (37 CFR 3.41): \$40.00	
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(111/2)	1.h //h	
Ronald H. Kurdyla	<u> </u>	
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> **PATENT REEL: 016984 FRAME: 0841**

7,00223145

CUSTOMER NO.: 24498 RCA 89,749

<u>ASSIGNMENT</u>

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:

U.S. Application Serial No. 10/148,155

Filed: May 23, 2002

Title: ERROR DETECTION/CORRECTION CODING FOR HIERARCHICAL

By:

QAM TRANSMISSION SYSTEMS

Thomson Licensing S.A.

By J- Hilly

Ronald H. Kurdyla

Patent Counsel, Reg. No. 26,932

Thomson Licensing Inc.
And Attorney in Fact for

Thomson Licensing S.A.

THOMSON LICENSING

Ronald H. Kurdyla

Patent Counsel! Reg. No. 26,932

Thomson Licensing Inc. And Attorney in Fact for THOMSON LICENSING

NOTARIAL CERTIFICATE

State of New Jersey)	
)	188
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 Ronald H. Kurdyla, who signed the foregoing Assignment this day, is fully authorized to execute the document on behalf of Thomson Licensing S.A. and THOMSON LICENSING respectively for this purpose.

Signed and sealed this 7 day of November 2005.

Motom: Dubli

After this Assignment has been recorded please RETURN to: Patent Operations Thomson Lacensing Inc. PO Box 5312

Princeton, NJ 08543-5312

Rev. 07/2005

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PATENT REEL: 016984 FRAME, 0842