

FORM PTO-1595

Docket No.: PU020321

CUSTOMER NO.: 24498  
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To the Honorable Director of the United States Patent and Trademark Office: Please record the attached original documents or copy thereof.

1. Name of conveying party(ies): <b>Thomson Licensing S.A.</b>		2. Name and address of receiving party(ies): Name: <b>THOMSON LICENSING</b> Internal Address:  Street: <b>46 Quai A. Le Gallo</b> <b>F-92100 Boulogne-Billancourt, France</b>	
Additional name(s) of conveying party(ies) attached: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No		Additional name(s) & address(es) attached? <input type="checkbox"/> Yes <input checked="" 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: <b>1/17/06</b>			
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): 10/192,039		B. Patent No.(s)	
Additional numbers attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> X			
5. Name and address of party to whom correspondence concerning document should be mailed: Name: <b>JOSEPH S. TRIPOLI</b> Internal Address: <b>PATENT OPERATIONS</b> <b>THOMSON LICENSING INC.</b>  Street Address: <b>P. O. Box 5312</b>  City: <b>PRINCETON</b> State: <b>NEW JERSEY</b> Zip: <b>08543-5312</b>		6. Total number of applications and patents involved: _____  7. Total Fee (37 CFR 3.41): <b>\$40.00</b> Enclosed <input checked="" type="checkbox"/> Authorized to be charged to deposit account 8. Deposit account number: <b>07-0832</b>	

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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.*Joseph J. Opalach

Name of Person Signing

Signature - Registration No. 36229

Date

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

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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:

U.S. Application Serial No. 10/192,039

Filed: July 10, 2002

Title: A MATCHED PULSE SHAPING FILTER

Thomson Licensing S.A.

THOMSON LICENSING

By: 

Joseph J. Opalach  
Patent Counsel, Registration No. 36,229  
Thomson Licensing Inc.  
And Attorney in Fact for  
Thomson Licensing S.A.

By: 

Joseph J. Opalach  
Patent Counsel, Registration No. 36,229  
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 JOSEPH J. OPALACH, 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 17<sup>th</sup> day of January 2006.

  
Notary Public

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

Rev. 07/2005

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

RECORDED: 01/17/2006

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REEL: 017199 FRAME: 0767  
\*\* TOTAL PAGE: 02 \*\*