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Docket No.: PF030012

FORM PTO-1595  
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Additional name(s) of conveying party(ies) attached: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No		Street: <b>46 Quai A. Le Gallo F-92100 Boulogne-Billancourt, France</b>	
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 _____		Additional name(s) & address(es) attached? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	
Execution Date: <b>January 23, 2006</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): <b>10/767,759</b>		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 THOMSON LICENSING INC. SUITE 200</b> Street or PO 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: <u>1</u>	
		7. Total Fee (37 CFR 3.41): <b>\$40.00</b> <input type="checkbox"/> 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.*Brian J. Cromarty

Name of Person Signing

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23 Jan 2006

Date

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PATENT  
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ASSIGNMENT

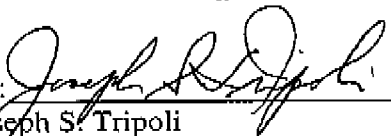
WHEREAS, **Thomson Licensing S.A.**, a corporation duly organized and existing under the laws of France, having offices at 46, Quai A. Le Gallo, F-92100 Boulogne-Billancourt, France and **THOMSON LICENSING**, a corporation organized and existing under the laws of France and having offices at 46, Quai 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:


**US Application No. 10/767,759, filed 29 January 2004**

**Title: BROADBAND ANTENNA WITH OMNIDIRECTIONAL RADIATION**

**Thomson Licensing S.A.**

By:   
 Joseph S. Tripoli  
 Sr. Patent Counsel, Reg. No. 26,040  
 Thomson Licensing Inc.  
 And Attorney in Fact for  
 Thomson Licensing S.A.

**THOMSON LICENSING**

By:   
 Joseph S. Tripoli  
 Sr. Patent Counsel, Reg. No. 26,040  
 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 S. Tripoli**, 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 23<sup>rd</sup> day of January 2006.



Notary Public

**DAVIDA P. FORNAROTTO**

NOTARY PUBLIC OF NEW JERSEY

My Commission Exp. Jan. 28, 2007

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

Rev. 07/2005

**PATENT**

**RECORDED: 01/23/2006**

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\*\* TOTAL PAGE 02 \*\*