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3. Nature of conveyance: <input checked="" type="checkbox"/> Assignment Merger Security Agreement Change of Name Other _____		Additional name(s) & address(es) attached? <input checked="" type="checkbox"/> No	
Execution Date: September 10, 2001			
4. Application number(s) or patent number(s): 09/852,570 If this document is being filed together with a new application, the execution date of the application is: A. Patent Application No.(s):		B. Patent No.(s) ---	
Additional numbers attached? <input checked="" type="checkbox"/> No			
5. Name and address of party to whom correspondence concerning document should be mailed: Name: JOSEPH S. TRIPOLI Internal Address: PATENT OPERATIONS THOMSON LICENSING INC.		6. Total number of applications and patents involved: <u>1</u>	
Street Address: P. O. BOX 5312		7. Total Fee (37 CFR 3.41): \$40.00 <input type="checkbox"/> Enclosed <input checked="" type="checkbox"/> Authorized to be charged to deposit account	
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PATENT
REEL: 015061 FRAME: 0419

Serial No.: 09/852,570

PU010089

Docket No.

ASSIGNMENT AND AGREEMENT IN AN APPLICATION FOR LETTERS PATENT OF THE UNITED STATES OF AMERICA

I hereby declare that I am the sole inventor (if only one inventor is named below) or one of 1 joint inventors (if plural inventors are named below) of the inventions relating to ECONOMICAL EXTENSION OF THE OPERATING DISTANCE OF AN RF REMOTE LINK ACCOMMODATING INFORMATION SIGNAL S HAVING DIFFERING CARRIER FREQUENCIES

described in an application for Letters Patent of the United States of America filed on May 10, 2001 under Serial No. 09/852,570 or, if not identified here by filing date and serial number, executed by me on even date with my execution of this

Assignment/Agreement.

For valuable consideration received, I hereby sell, assign and transfer to THOMSON LICENSING S.A., a corporation duly organized and existing under the laws of France, its successors, and assigns my entire right, title and interest, for all countries in and to said inventions, and all the rights and privileges under any and all Letters Patent that may be granted therefor, and any divisions, continuations, renewals and extensions thereof.

I agree that, when requested, I will, without charge to said corporation but at its expense, sign all papers, take all rightful oaths, make all rightful declarations and do all acts which may be necessary, desirable or convenient for securing and maintaining patents or other forms of protection for said inventions in any and all countries and for vesting title thereto in said corporation, its successors, assigns or nominees.

I agree that I will communicate to said corporation or its representatives any facts known to me respecting said inventions and when requested by said corporation and at its expense will testify in any legal proceedings, and generally do everything possible to aid said corporation, its successors, assigns and legal representatives or nominees, to obtain or enforce proper protection for said inventions in any and all countries.

I authorize and empower said corporation, its successors, assigns or nominees, to make application for patent or other form of protection for said inventions in its or their own name, or in my/our name, in any and all countries and to invoke and claim for any application for patent or other form of protection for said inventions filed by it or them, the benefit of the right of priority provided by the International Convention for the Protection of Industrial Property, as amended, or by any convention which may henceforth be substituted for it, and to invoke and claim such right of priority without further written or oral authorization from me.

I hereby consent that a copy of this assignment shall be deemed a full legal and formal equivalent of any assignment, consent to file or like document which may be required in any country for any purpose and more particularly in proof of the right of the said corporation or its successors, assigns or nominees to apply for patent or other proper protection for said inventions, and to claim the aforesaid benefits of the right of priority provided by the International Convention for the Protection of Industrial Property, as amended, or by any convention which may henceforth be substituted for it.

I covenant with THOMSON LICENSING S.A., its successors, assigns, legal representatives, and nominees, that to the best of my knowledge the right, title and interest herein conveyed by me are free and clear of any encumbrance, and that I have full right to convey the same as herein expressed.

Signed at	<u>Indianapolis, Indiana</u>	Date	<u>9-10-01</u>
Inventor (1)	<u>Michael Anthony Pugel</u> (Type or Print)	(Signature In Full. No initials.)	
Post Office Address	<u>20925 Creek Road Noblesville, Indiana 46060</u>		
1st Witness	<u>Charles Antoinette Davis</u> (Type or Print)	(Signature In Full. No initials.)	
2nd Witness	<u>Elizabeth Ann Jackson</u> (Type or Print)	(Signature In Full. No initials.)	
Signed at		Date	
Inventor (2)		(Signature In Full. No initials.)	
Post Office Address			
1st Witness		(Signature In Full. No initials.)	
2nd Witness		(Signature In Full. No initials.)	
Signed at		Date	
Inventor (3)		(Signature In Full. No initials.)	
Post Office Address			
1st Witness		(Signature In Full. No initials.)	
2nd Witness		(Signature In Full. No initials.)	

After this Assignment has been recorded please RETURN to:

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THOMSON multimedia Licensing Inc.
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Princeton, NJ 08543-5312

Pat Form 09/00

RECORDED: 08/13/2004

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** TOTAL PAGE: 02 **