


RCA 88,841

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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): THOMSON Consumer Electronics, Inc.		2. Name and address of receiving party(ies): Name: THOMSON Licensing S.A. Internal Address: Street Address: 46 Quai A. Le Gallo 92648 Boulogne Cedex, France	
Additional name(s) of conveying party(ies) attached: <input checked="" type="checkbox"/> No		Additional name(s) & address(es) attached? <input checked="" type="checkbox"/> No	
3. Nature of conveyance: <input checked="" type="checkbox"/> Assignment Security Agreement Other _____ Execution Date: December 8, 2003		Merger Change of Name	
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): 09/218,186		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. Street Address: P. O. BOX 5312 City: PRINCETON State: NEW JERSEY Zip: 08543-5312		6. Total number of applications and patents involved: <u>1</u> 7. Total Fee (37 CFR 3.41): \$40.00 Enclosed <input checked="" type="checkbox"/> Authorized to be charged to deposit account 8. Deposit account number: 07-0832	

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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.*Ronald H. Kurdyla
Name of Person Signing

 Signature Reg. No. 28,932
 Total number of pages including cover sheet, attachments, and document 2
December 8, 2003
Date

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RCA 88,841

ASSIGNMENT

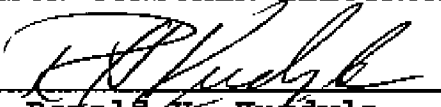
WHEREAS, THOMSON CONSUMER ELECTRONICS, INC. (TCE, Inc.), a Delaware Corporation having offices at 10330 North Meridian Street, Indianapolis, Indiana 46290, and THOMSON Licensing S.A. (TLSA), a French corporation having offices at 46, quai Alphonse Le Gallo, 92648 Boulogne Cedex, France, entered into an agreement calling for the assignment of certain inventions, to TLSA;

NOW THEREFORE, TCE, Inc., in consideration of the mutual covenants of said agreement, does hereby assign to TLSA, its successors and assigns, TCE, Inc.'s entire right, title and interest, for all countries and states, in and to, and including any right to claim priority of

U.S. Patent Application No. 09/218,186
Filed: December 22, 1998
Title: Adaptive Channel Equalizer Having a Training Mode
(RCA 88,841)

THOMSON CONSUMER ELECTRONICS, INC.

Date: December 8, 2003

BY: 
Ronald H. Kurdyla
Sr. Patent Counsel
Reg. No. 26,932
THOMSON multimedia Licensing Inc.
And Attorney in Fact for
THOMSON CONSUMER ELECTRONICS, INC.

NOTARIAL CERTIFICATE

State of New Jersey :ss
County of Middlesex

I do hereby certify that THOMSON CONSUMER ELECTRONICS, INC. (TCE, Inc.), having offices 10330 North Meridian Street, Indianapolis, Indiana 46290 U.S.A., mentioned in the foregoing Assignment, is a corporation organized and existing under the laws of the State of Delaware, United States of America, and that Ronald H. Kurdyla, who signed the foregoing Assignment, is fully authorized to execute the document on behalf of THOMSON CONSUMER ELECTRONICS, INC. for this purpose.

Signed and sealed the 8th day of December 2003.


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