

10-29-2001

RCA 89,217



U.S. DEPARTMENT OF COMMERCE  
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101888682

HEET

To the Honorable Director of Patents and Trademarks: Please record the attached original documents or copy thereof.

1. Name of conveying party(ies): <b>Thomson Consumer Electronics, Inc.</b>		2. Name and address of receiving party(ies): Name: <b>THOMSON Licensing S.A.</b> Internal Address:	
Additional name(s) of conveying party(ies) attached: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No		Street Address: <b>46 Quai Alphonse Le Gallo 92648 Boulogne Cedex, 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 type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Execution Date: <b>October 10, 2001</b>			
4. Application number(s) or patent number(s): <b>09/215,476</b> If this document is being filed together with a new application, the execution date of the application is:			
A. Patent Application No.(s): <b>09/215,476</b>		B. Patent No.(s) ----	
Additional numbers attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No			
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 MULTIMEDIA 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: <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.*

Frank Y. Liao  
Name of Person Signing

Signature - Reg. No. 40,065

October 10, 2001  
Date

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**PATENT  
REEL: 012281 FRAME: 0031**

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. 09/215,476**  
**filed December 18, 1998**  
**Title: High Impedance, Absolute Telephone Line Voltage**  
**Measurement Circuit**  
**(RCA 89,217)**

THOMSON CONSUMER ELECTRONICS, INC.

Date: 10/10/01

BY: Frank Y. Liao

Frank Y. Liao  
 Sr. Patent counsel  
 Reg. No. 40,065

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 Frank Y. Liao, 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 11th day of OCTOBER 2001.

Patricia M. Fedorowycz  
 Notary Public

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

**PATRICIA M. FEDOROWYCZ**  
**NOTARY PUBLIC OF NEW JERSEY**  
 My Commission Exp. July 20, 2003