FORM PTO-1595 9-21-95

RCA 88,240

U.S. DEPARTMENT OF COMMERCE Patent and Trademark Office

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Thomson Consumer Electronics, Inc.	Name and address of receiving party(ies); Name: THOMSON LICENSING S.A. Internal Address;		
Additional name(s) of Yes No X conveying party(ies) attached: 3. Nature of conveyance;	Street Address: 46 QUAI A. LE GALLO F-92648 BOULOGNE CEDEX, FRANCE		
Assignment X Merger Security Agreement Change of Name	City: State;	Zip:	
Execution November 14, 2001			
4. Application number(s) or patent number(s):	Additional name(s) & address(es) attached?	Yes N	
If this document is being filed together with a new application, the execution date of A. Patent Application No.(s): 09/155,025	the application is: B. Patent No.(s)		No X
Additional numbers attached? Yes 5. Name and address of party to whom correspondence	No X		
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Name: JOSEPH S. TRIPOLI	patents involved:_1		
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 Statement and signature. To the best of my knowledge and belief, the foregoing information is true and correct copy of the original document. 	and any attached copy is a true		
Name of Person Signing Kuniyuki Akiyama Reg. 43,313 Total number of pages including cover sheet, attachments, and document; DMB No. 0651-0011 (exp. 4/94)	NOV. (4, 200) Date		
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Mail documents to be recorded with required cover sheet information to:

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PATENT REEL: 012176 FRAME: 0181

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, including the right to claim priority of

U.S. Application No. 09/155,025 filed May 10, 1999 (RCA 88,240)

Date: NOV. 14, 200/

THOMSON CONSUMER ELECTRONICS, INC.

BY:

Kuniyuki Aktyama

Senior Patent Counsel
THOMSON multimedia Licensing Inc. And Attorney in Fact for

THOMSON CONSUMER ELECTRONICS, INC.

NOTARIAL CERTIFICATE

State of New Jersey

:88

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 Kuniyuki Akiyama, 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 14 day of November 2001.

DAVIDA P. FORNAROTTO NOTARY PUBLIC OF NEW JERSEY My Commission Exp. Jan. 24, 2002

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

RECORDED: 11/14/2001

PATENT REEL: 012176 FRAME: 0182