

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)**

THOMSON CONSUMER ELECTRONICS, INC.

Date: Nov. 14, 2001

BY: 
Kuniyuki Akiyama
Senior Patent Counsel
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 **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.


Notary Public

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