

Express Mail Label: EV 163993115 US

AD581/40

10/381114  
0111 Rec'd PCT/PTO PU000105  
21 MAR 2003

04-30-2003

U.S. DEPARTMENT OF COMMERCE  
Patent and Trademark Office



To the Honorable Commissioner of Patents and Trademarks: Pl

102434811

reof.

1. Name of conveying party(ies):  
**David John Weaver, William Henry Mengel and Lawrence Carl Pesce**

2. Name and address of receiving party(ies):  
Name: **THOMSON Licensing S.A.**  
Internal Address:

Additional name(s) of conveying party(ies) attached:  Yes  No

Street Address: **46, quai Alphonse le Gallo  
92648 Boulogne Cedex, France**

3. Nature of conveyance:  
 Assignment  Merger  
 Security Agreement  Change of Name  
 Other

Additional name(s) & address(es) attached?  Yes  No

Execution Date: **September 21, 2001**

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: **September 21, 2001**

A. Patent Application No.(s):

10381114

B. Patent No.(s) ----

Additional numbers attached?

Yes  No

5. Name and address of party to whom correspondence concerning document should be mailed:  
Name: **JOSEPH S. TRIPOLI**  
Internal Address: **THOMSON multimedia Licensing Inc.  
PATENT OPERATIONS**

6. Total number of applications and patents involved: 1

Street Address: **P. O. BOX 5312**

7. Total Fee (37 CFR 3.41): **\$40.00**  
 Enclosed  
 Authorized to be charged to deposit account

City: **PRINCETON** State: **NEW JERSEY** Zip: **08543-5312**

8. Deposit account number:  
**07-0832**  
(Attach duplicate copy of this page if paying by deposit acct)

DO NOT USE THIS SPACE

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.26,932

Date

Total number of pages including cover sheet, attachments, and document 2

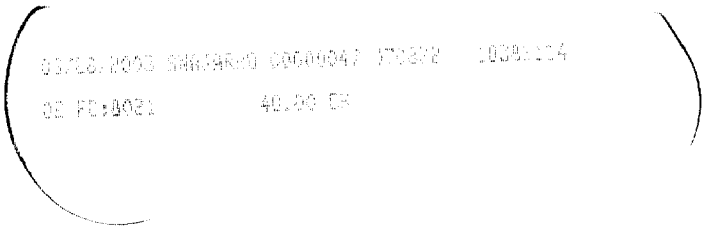
OMB No. 0651-0011 (exp. 4/94)

DO NOT DETACH THIS PORTION

Mail documents to be recorded with required cover sheet information to:

Commissioner of Patents and Trademarks  
Box Assignments  
Washington, D.C. 20231

Public burden reporting for this sample cover sheet is estimated to average about 30 minutes per document to be recorded, including time for reviewing the document and gathering the data needed, and completing and reviewing the sample cover sheet. Send comments regarding this burden estimate to the U.S. Patent and Trademark Office, Office of Information Systems, PK2-1000C, Washington, D.C. 20231, and to the Office of Management and Budget, Paperwork Reduction Project (0651-0011), Washington, D.C. 20503.



PATENT  
REEL: 013996 FRAME: 0488

ASSIGNMENT AND AGREEMENT

I hereby declare that I am the sole inventor (if only one inventor is named below) or one of 3 joint inventors (if plural inventors are named below) of the inventions relating to ARCHITECTURE FOR OPTIMIZING AUDIO AND VIDEO OUTPUT STATES FOR MULTIMEDIA DEVICES

and described in Docket No. PU000105 and the thereupon-based International (Patent Cooperation Treaty) Application for patent about to be filed or lately filed by said corporation naming me/us as inventor(s).

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 application, and all the rights and privileges under any and all Patents that may be granted therefor, and any divisions, continuations, reissues 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.

Form with three inventor sections. Each section includes: Signed at, Date, Inventor (1-3) name and signature, Post Office Address, 1st Witness name and signature, 2nd Witness name and signature. Inventor 1: DAVID JOHN WEAVER, 9-21-01, 8985 Providence Drive, Noblesville, Indiana 46060 USA. Inventor 2: WILLIAM HENRY MENGEL, 9/21/01, 14804 Warner Trail, Westfield, Indiana 46074 USA. Inventor 3: LAWRENCE CARL PESCE, 9/21/01, 7583 Forest Drive, Fishers, Indiana 46038 USA.

After this Assignment has been recorded please RETURN to:

Patent Operations THOMSON multimedia Licensing Inc. P. O. Box 5312 Princeton, NJ 08543-5312