07-23-2001

U.S. DEPARTMENT OF COMMERCE Patent and Trademark Office

	78/412	
To the Honorable Commissioner of Patents and Trademarks: Plea	87412 Constitution of copy thereof.	
1. Name of conveying party(ies): Steven Mannheimer, Barry Jay Weber Kerry Wayne Calvert and Jonathan Paul Griffin	2. Name and address of receiving party(ies): Name: THOMSON Licensing S.A. Internal Address:	
Additional name(s) of X No conveying party(ies) attached:	Street Address:: 46 Quai A. Le Gallo 92648 Boulogne, Cedex, France	
3. Nature of conveyance:	40)	
X Assignment Merger	10 =0	
Security Agreement Change of Name Other	¬ ==	
Execution Date: June 29, 2001, respectively	Additional name(s) & address(es) attached? X No	
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: June 29, 2001, respectfully		
A. Patent Application No.(s): 19/896966	B. Patent No.(s)	
Additional numbers attached?	X No	
Name and address of party to whom correspondence concerning document should be mailed:	6. Total number of applications and patents involved:_1	
Name: JOSEPH S. TRIPOLI		
Internal Address: THOMSON multimedia Licensing Inc.	7. Total Fee (37 CFR 3.41): \$40.00	
PATENT OPERATIONS	Enclosed	
	X Authorized to be charged to deposit account	
Street Address: P. O. BOX 5312	8. Deposit account number: 07-0832	
City: PRINCETON State: NEW JERSEY Zip:08543-5312	(Attach duplicate copy of this page if paying by deposit acct)	
DO NOT USE THIS SPACE		
 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. 		
Vincent E. Duffy Unit The G/2901		
Name of Person Signing Signature	Reg.No.39,964 / Date	
Total number of pages including cover sheet, attachments, and document3		
OMB No. 0651-0011 (exp. 4/94)		
	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

ublic burden reporting for this sample cover sheet is estimated to average about 30 minutes per document to be recorded, including time for eviewing the document and gathering the data needed, and completing and reviewing the sample cover sheet. Send comments regarding this urden 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.

07/20/2001 LHUELLER 00000214 070832 09896966

01 FC:581

40.00 CH

PATENT REEL: 011988 FRAME: 0136

ASSIGNMENT AND AGREEMENT IN AN APPLICATION FOR LETTERS PATENT OF THE UNITED STATES OF AMERICA

I hereby declare that I am the sole inventor (if only one inventor is named below) or one of igint inventors (if plural inventors are named below) of the inventions relating to METHOD AND SYSTEM FOR PROVIDING AN ACOUSTIC INTERFACE

described in an application for Letters Patent of the United States of America filed on Herewith under Serial No. or, if not identified here by filing date and serial number, executed by me on even date with my execution of this

Assignment/Agreement.

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 all the rights and privileges under any and all Letters Patent that may be granted therefor, and any divisions, continuations, reissues and extensions thereof.

Lagree 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

Signed at Indianapolis, Indiana Inventor (1) Steve Mannheimer (Type or Print) Post Office Address 615 West Carmel Drive, Carmel, Indiana \ 46032 1st Witness ALERIE 101 Yn 2ndWitness (Type of rint) (Signature in Pull. No initials. Signed at Date Indianapolis, Indiana Inventor (2) Barry Jay Weber (Type or Print) Post Office Address 12979 Camborne Court, Carmel, 1st Witness 2ndWitness Type or Print) Date Signed at Indianapolis, Indiana Inventor (3) Kerry Wayne Calvert (Signature in Full. (Type or Print) Post Office Address 8354 Twin Pointe Circle, Indianapolis, Indiana 46236 1st Witness 2ndWitness (Type or Print) Signature in Full

After this Assignment has been recorded please RETURN to:

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

Pat Form 09/00

PATENT REEL: 011988 FRAME: 0137

ASSIGNMENT AND AGREEMENT IN AN APPLICATION FOR LETTERS PATENT OF THE UNITED STATES OF AMERICA (Cont'd)

Signed at	Indianapolis, Indiana Date	6/29/2001
Inventor (4)	Jonathan Paul Griffin (Type or Print)	Jonathan Paul Driffin (Signature in Full. No initials.)
Post Office Address 511 Oak Boulevard West Drive, Greenfield, Indiana 46140		
1st Witness	Plizabeth Ann Jarkson	Elizabeth ann Occupion
2ndWitness	(Type or Print) (Type or Print) (Type or Print)	(Signature in Full. No initials.) (Signature in Full. No mitials.)

After this Assignment has been recorded please RETURN to:

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

Pat Form 09/00

PATENT REEL: 011988 FRAME: 0138

RECORDED: 06/29/2001