

EXPRESS MAIL EV 365

Item #  
14

A/ 581-40

PU010203

10/489211

112 Rec'd PCT/PTO 10 MAR 2004

07-20-2004

FORM PTO-1595

Rev. 04/2003

ATION FORM COVER :  
PATENTS ONLY

102794413

To the Honorable Director of the United States Patent and Trademark Office:

Please record the attached original.

1. Name of conveying party(ies):

MARGARET PAIGE SMITH

LISA RENEE JOHNSON

SIN HUI CHEAH

Additional name(s) of

X No

conveying party(ies)

attached:

3. Nature of conveyance:

X Assignment

Merger

Security Agreement

Change of Name

Other

Execution Date July 9, 1 and 8, 2002, respectively

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:

A. Patent Application No.(s):

PCT/US02/20365

Additional name(s) &amp; address(es) attached?

X No

Additional numbers attached?

Yes

No

X

5. Name and address of party to whom correspondence

concerning document should be mailed:

Name: JOSEPH S. TRIPOLI

Internal Address: PATENT OPERATIONS

THOMSON LICENSING INC.

Street Address: P. O. Box 5312

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

6. Total number of applications and patents involved: 1

7. Total Fee (37 CFR 3.41):

\$40.00

Enclosed

X

Authorized to be charged to deposit account

8. Deposit account number:

07-0832

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.

PAUL P. KIEL

Name of Person Signing

Signature - Registration No. 40,677

Date

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

2

DO NOT DETACH THIS PORTION

Mail documents to be recorded with this sheet to:

Mail Stop Assignment Recordation Services  
Director of the United States Patent and Trademark Office  
P. O. Box 1450  
Alexandria, Virginia 22313-1450

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.

03/17/2004 SNAJARRO 00000008 070832 10489211

02 FC:8021 40.00 DA

PATENT  
REEL: 015567 FRAME: 0524

## ASSIGNMENT AND AGREEMENT

I hereby declare that I am the sole inventor (if only one inventor is named below) or one of THREE joint inventors (if plural inventors are named below) of the inventions relating to

**METHOD AND APPARATUS FOR AUTOMATIC EQUALIZATION MODE ACTIVATION**

and described in Docket No PU010203 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 the country 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.

Signed at	<u>Indianapolis, Indiana</u>	Date	<u>7-9-02</u>
Inventor (1)	<u>Margaret Paige Smith</u> (Type or Print)		<u>Margaret Paige Smith</u> (Signature in Full. No initials.)
Post Office Address	<u>9545 N. College Avenue, Indianapolis, Indiana 46340, U.S.A.</u>		
1st Witness	<u>Elizabeth Ann Jackson</u> (Type or Print)		<u>Elizabeth Ann Jackson</u> (Signature in Full. No initials.)
2nd Witness	<u>Chaise Antoinette Downs</u> (Type or Print)		<u>Chaise Antoinette Downs</u> (Signature in Full. No initials.)
Signed at	<u>Indianapolis, Indiana</u>	Date	<u>July 1, 2002</u>
Inventor (2)	<u>Lisa Renee Johnson</u> (Type or Print)		<u>Lisa Renee Johnson</u> (Signature in Full. No initials.)
Post Office Address	<u>9109 Dew Circle, Indianapolis, Indiana 46260, U.S.A.</u>		
1st Witness	<u>Elizabeth Ann Jackson</u> (Type or Print)		<u>Elizabeth Ann Jackson</u> (Signature in Full. No initials.)
2nd Witness	<u>Chaise Antoinette Downs</u> (Type or Print)		<u>Chaise Antoinette Downs</u> (Signature in Full. No initials.)
Signed at	<u>Indianapolis, Indiana</u>	Date	<u>8th. July 2002</u>
Inventor (3)	<u>Sin Hui Cheah</u> (Type or Print)		<u>Sin Hui Cheah</u> (Signature in Full. No initials.)
Post Office Address	<u>14648 Brahms Drive, Indianapolis, Indiana 46220, U.S.A.</u>		
1st Witness	<u>Elizabeth Ann Jackson</u> (Type or Print)		<u>Elizabeth Ann Jackson</u> (Signature in Full. No initials.)
2nd Witness	<u>Chaise Antoinette Downs</u> (Type or Print)		<u>Chaise Antoinette Downs</u> (Signature in Full. No initials.)

After this Assignment has been recorded please RETURN to: Patent Operations

THOMSON multimedia Licensing Inc.  
PO Box 5312  
Princeton, NJ 08543-5312