

CUSTOMER NO.: 24498

FORM PTO-1595  
Rev. 10/2005

3/9/07

AJDE

03-15-2007



103382463

AP16 Rec'd PCT PTO 09 MAR 2007

Docket No.: PU040258

U.S. DEPARTMENT OF COMMERCE  
Patent and Trademark Office

COVER SHEET  
BY

11/662435

To the Honorable Director of the United States

and original documents or copy thereof.

1. Name of conveying party(ies):

Peng Yin, Jill MacDonald Boyce and Alexandros Michael Tourapis

Additional name(s) of  
conveying party(ies)  
attached:

X No

3. Nature of conveyance:

X Assignment  
Security Agreement  
Other

Merger  
Change of Name

Execution Date: October 13, 25, 2005 and November 11, 2005

2. Name and address of receiving party(ies):

Name: THOMSON LICENSING

Street Address: 46 Quai A. Le Gallo  
F-92100 Boulogne-Billancourt, France

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:

A. Patent Application No.(s): PCT/US2005/032732

B. Patent No.(s)

11/662435

Additional numbers attached?

Yes

No

X

5. Name and address of party to whom correspondence  
concerning document should be mailed:

Name: JOSEPH J. LAKS  
Internal Address: PATENT OPERATIONS  
THOMSON LICENSING LLC  
SUITE 200

Street or PO 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.

Jeffrey M. Navon

Name of Person Signing

Signature

Reg. No. 32,711

Date

March 9, 2007

Total number of pages including cover sheet, attachments, and document 3

Total no. of pages above

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.

03/13/2007 JBALINAN 00000088 070832 11662435

06 FC:8021

(40.00 DA)

PATENT  
REEL: 019022 FRAME: 0850

## 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 METHOD AND APPARATUS FOR RAPID VIDEO AND FIELD CODING

and described in Docket No. PU040258 ereupon-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**, 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**, 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	Princeton, New Jersey	Date	10/13/2005
Inventor (1)	PENG YIN		
	(Type or Print)		(Signature in Full. No initials.)
	Post Office Address 65 Warwick Road, West Windsor, New Jersey 08550		
1st Witness	DOROTHY KERRICK		
	(Type or Print)		(Signature in Full. No initials.)
2nd Witness	DAVIDA FORNAROTTO		
	(Type or Print)		(Signature in Full. No initials.)
Signed at	Princeton, New Jersey	Date	10/25/05
Inventor (2)	JILL MACDONALD BOYCE		
	(Type or Print)		(Signature in Full. No initials.)
	Post Office Address 3 Brandywine Court, Manalapan, New Jersey 07726		
1st Witness	DOROTHY KERRICK		
	(Type or Print)		(Signature in Full. No initials.)
2nd Witness	PATRICIA MARIE FEDOROWYCH		
	(Type or Print)		(Signature in Full. No initials.)
Signed at	Yorba Linda, California	Date	
Inventor (3)	ALEXANDROS MICHAEL TOURPIS		
	(Type or Print)		(Signature in Full. No initials.)
	Post Office Address 18700 Yorba Linda Blvd. #22, Yorba Linda, California 92886		
1st Witness			
	(Type or Print)		(Signature in Full. No initials.)
2nd Witness			
	(Type or Print)		(Signature in Full. No initials.)

After this Assignment has been recorded please RETURN to:

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

## 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 METHOD AND APPARATUS FOR RAPID VIDEO AND FIELD CODING

and described in Docket No. PU040258 ereupon-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**, 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**, 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>Princeton, New Jersey</u>	Date	
Inventor (1)	<u>PENG YIN</u> (Type or Print)		(Signature in Full. No initials.)
Post Office Address	<u>65 Warwick Road, West Windsor, New Jersey 08550</u>		
1st Witness	(Type or Print)		(Signature in Full. No initials.)
2nd Witness	(Type or Print)		(Signature in Full. No initials.)
Signed at	<u>Princeton, New Jersey</u>	Date	
Inventor (2)	<u>JILL MACDONALD BOYCE</u> (Type or Print)		(Signature in Full. No initials.)
Post Office Address	<u>3 Brandywine Court, Manalapan, New Jersey 07726</u>		
1st Witness	(Type or Print)		(Signature in Full. No initials.)
2nd Witness	(Type or Print)		(Signature in Full. No initials.)
Signed at	<u>Yorba Linda, California</u>	Date	<u>X 11/11/2005</u>
Inventor (3)	<u>ALEXANDROS MICHAEL TOURAPIS</u> (Type or Print)		(Signature in Full. No initials.)
Post Office Address	<u>18700 Yorba Linda Blvd. #22, Yorba Linda, California 92886</u>		
1st Witness	<u>X HYE-YEON CHEONG</u> (Type or Print)		(Signature in Full. No initials.)
2nd Witness	<u>X Donald Piau</u> (Type or Print)		(Signature in Full. No initials.)

After this Assignment has been recorded please RETURN to:

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