

06-09-2006

10/581152

CUSTOMER NO.: 24498

Docket No.: PU030309

FORM PTO-1595
Rev. 10/2005

103254671

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APR 20 2006 PCT/PTO 31 MAY 2006

5-31-06

To the Honorable Director of the United States Patent and Trademark Office: Please record the attached original documents or copy thereof.

1. Name of conveying party(ies):

Khelan M. Modi, Joseph Wayne Forler, Charu Aneja and
Aaron Hal Dinwiddie

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

Name: THOMSON LICENSING

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

X No

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

3. Nature of conveyance:

X Assignment Merger
Security Agreement Change of Name
Other

Execution Date: January 21, 19, 22 and 17, 2005 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:

A. Patent Application No.(s): PCT/US2004/041086

B. Patent No.(s)

10/581152

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 INC.
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.

Robert D. Shedd

Name of Person Signing

Signature

Reg. No. 36,269

31 May 2006

Date

Total number of pages including cover sheet, attachments, and document 4

Total no. of pages above

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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: 017970 FRAME: 0908

ASSIGNMENT

WHEREAS, **Thomson Licensing S.A.**, a corporation duly organized and existing under the laws of France, having offices at 46, Quai A. Le Gallo, F-92100 Boulogne-Billancourt, France and **THOMSON LICENSING**, a corporation organized and existing under the laws of France and having offices at 46, Quai A. Le Gallo, F-92100 Boulogne-Billancourt, France, entered into an agreement calling for the assignment of certain inventions, to **THOMSON LICENSING**;


NOW THEREFORE, **Thomson Licensing S.A.**, in consideration of the mutual covenants of said agreement, does hereby assign to **THOMSON LICENSING**, its successors and assigns, Thomson Licensing S.A.'s entire right, title and interest, for all countries and states, in and to, and including any right to claim priority of:

US Application No. 60/527m945 filed 08 December 2003

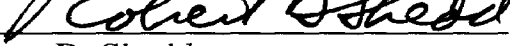
PCT Application No. PCT/US2004/041086 filed 08 December 2004

Title: DIGITAL/ANALOG CLOSED CAPTION DISPLAY SYSTEM IN A TELEVISION SIGNAL RECEIVER

Thomson Licensing S.A.

By: 
Robert B. Shedd
Sr. Patent Counsel, Reg. No. 36,269
Thomson Licensing Inc.
And Attorney in Fact for
Thomson Licensing S.A.

THOMSON LICENSING

By: 
Robert D. Shedd
Sr. Patent Counsel, Reg. No. 36,269
Thomson Licensing Inc.
And Attorney in Fact for
THOMSON LICENSING

NOTARIAL CERTIFICATE

State of New Jersey)
) :ss
County of Middlesex)

I do hereby certify that Thomson Licensing S.A., and THOMSON LICENSING, mentioned in the foregoing Assignment, both having offices at the addresses listed above, are corporations organized and existing under the laws of the country of France, and that **Robert D. Shedd**, who signed the foregoing Assignment this day, is/are fully authorized to execute the document on behalf of Thomson Licensing S.A. and THOMSON LICENSING respectively for this purpose.

Signed and sealed this 31 day of May 2006.


Notary Public

After this Assignment has been recorded please RETURN to:
Patent Operations
Thomson Licensing Inc.
PO Box 5312
Princeton, NJ 08543-5312

DAVIDA P. FORNAROTTO
NOTARY PUBLIC OF NEW JERSEY
My Commission Exp. Jan. 28, 2007

Rev. 07/2005

ASSIGNMENT AND AGREEMENT

I hereby declare that I am the sole inventor (if only one inventor is named below) or one of 4 joint inventors (if plural inventors are named below) of the inventions relating to Digital/Analog Closed Caption Display System in a Television Signal Receiver

and described in Docket No. PU030309 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.

Signed at	<u>Indianapolis, Indiana</u>	Date	<u>1/21/05</u>
Inventor (1)	<u>Khelan M. Modi</u> (Type or Print)	<u>[Signature]</u> (Signature in Full. No initials.)	
Post Office Address	<u>10834 Pleasantview Lane, Fishers, Indiana 46038</u>		
1st Witness	<u>JACQUELINE Buford</u> (Type or Print)	<u>Jacqueline Buford</u> (Signature in Full. No initials.)	
2nd Witness	<u>April Lilly-Ervin</u> (Type or Print)	<u>April Lilly-Ervin</u> (Signature in Full. No initials.)	
Signed at	<u>Indianapolis, Indiana</u>	Date	<u>1/19/05</u>
Inventor (2)	<u>Joseph Wayne Forler</u> (Type or Print)	<u>Joseph Wayne Forler</u> (Signature in Full. No initials.)	
Post Office Address	<u>1112 Foxglove Court, Zionsville, Indiana 46077</u>		
1st Witness	<u>JACQUELINE Buford</u> (Type or Print)	<u>Jacqueline Buford</u> (Signature in Full. No initials.)	
2nd Witness	<u>April Lilly-Ervin</u> (Type or Print)	<u>April Lilly-Ervin</u> (Signature in Full. No initials.)	
Signed at	<u>Chicago, Illinois</u>	Date	
Inventor (3)	<u>Charu Aneja</u> (Type or Print)		
Post Office Address	<u>121 West Chestnut, Apt. 2202, Chicago, Illinois 60610</u>		
1st Witness			
2nd Witness			

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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.

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Signed at	<u>Indianapolis, Indiana</u>	Date	
Inventor (1)	<u>Khelan M. Modi</u> (Type or Print)		(Signature in Full. No initials.)
Post Office Address	<u>10834 Pleasantview Lane, Fishers, Indiana 46038</u>		
1st Witness	<u></u> (Type or Print)		(Signature in Full. No initials.)
2nd Witness	<u></u> (Type or Print)		(Signature in Full. No initials.)
Signed at	<u>Indianapolis, Indiana</u>	Date	
Inventor (2)	<u>Joseph Wayne Forler</u> (Type or Print)		(Signature in Full. No initials.)
Post Office Address	<u>1112 Foxglove Court, Zionsville, Indiana 46077</u>		
1st Witness	<u></u> (Type or Print)		(Signature in Full. No initials.)
2nd Witness	<u></u> (Type or Print)		(Signature in Full. No initials.)
Signed at	<u>Chicago, Illinois</u>	Date	<u>+ 1/22/05</u>
Inventor (3)	<u>Charu Aneja</u> (Type or Print)		<u>+ [Signature]</u> (Signature in Full. No initials.)
Post Office Address	<u>121 West Chestnut, Apt. 2202, Chicago, Illinois 60610</u>		
1st Witness	<u>+ Thomas Frese</u> (Type or Print)		<u>+ [Signature]</u> (Signature in Full. No initials.)
2nd Witness	<u>+ Ankur Aneja</u> (Type or Print)		<u>+ [Signature]</u> (Signature in Full. No initials.)

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and described in Docket No. PU030309 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).

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Signed at	Indianapolis, Indiana	Date	1-17-05
Inventor (1)	Aaron Hal Dinwiddie (Type or Print)		<i>Aaron Hal Dinwiddie</i> (Signature in Full. No initials.)
Post Office Address	1075 Bear Cub Drive, Cicero, Indiana 46034		
1st Witness	<i>Jacqueline Buford</i> (Type or Print)		<i>Jacqueline Buford</i> (Signature in Full. No initials.)
2nd Witness	<i>April Lilly-Ervin</i> (Type or Print)		<i>April Lilly-Ervin</i> (Signature in Full. No initials.)
Signed at		Date	
Inventor (2)			
Post Office Address			
1st Witness			
2nd Witness			
Signed at		Date	
Inventor (3)			
Post Office Address			
1st Witness			
2nd Witness			

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