

CUSTOMER NO.: 24498

FORM PTO-1595
Rev. 01/07/2007

05-23-2008

Docket No.: PU050248

U.S. DEPARTMENT OF COMMERCE

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

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Original documents or copy thereof.

1. Name of conveying party(ies):

PAUL GOTHARD KNUTSON, JUN LI

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: January 3, 2006 and December 13, 2005 respectively

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/US2005/41397

B. Patent No.(s)

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

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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

Date

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PATENT
REEL: 020996 FRAME: 0144

Customer No. 24498

(FOT Priority Application)

Docket No.: PU050248

ASSIGNMENT AND AGREEMENT

I hereby declare that I am the sole inventor (if only one inventor is named below) or one of 2 joint inventors (if plural inventors are named below) of the inventions relating to EQUALIZER INTERFACE FOR ELECTRONIC APPARATUS

and described in Docket No. PU050248 and the thereupon-based International (Patent Cooperation Treaty) Application for patent about to be filed or later 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>PAUL GOTHARD KNUTSON</u> (Type or Print)		(Signature in Full. No initials.)
Post Office Address	<u>5 Huron Way (Mercer County), Lawrenceville, New Jersey 08648 USA</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	<u>1/13/2006</u>
Inventor (2)	<u>JUN LI</u> (Type or Print)		(Signature in Full. No initials.)
Post Office Address	<u>26 Orchid Drive (Middlesex County), Plainsboro, New Jersey 08536 USA</u>		
1st Witness	<u>XIAOJUN MA</u> (Type or Print)		(Signature in Full. No initials.)
2nd Witness	<u>HUANDIANG ZHANG</u> (Type or Print)		(Signature in Full. No initials.)
Signed at		Date	
Inventor (3)	(Type or Print)		(Signature in Full. No initials.)
Post Office Address			
1st Witness	(Type or Print)		(Signature in Full. No initials.)
2nd Witness	(Type or Print)		(Signature in Full. No initials.)

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Princeton, NJ 08543-5312

ASSIGNMENT AND AGREEMENT

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(if plural inventors are named below) of the inventions relating to EQUALIZER INTERFACE FOR ELECTRONIC APPARATUS

and described in Docket No. PU050248 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**., 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	<u>December 13, 2005</u>
Inventor (1)	<u>PAUL GOTHARD KNUTSON</u> (Type or Print)	<u>[Signature]</u> (Signature in Full. No initials.)	
Post Office Address	<u>5 Huron Way (Mercer County), Lawrenceville, New Jersey 08648 USA</u>		
1st Witness	<u>DOROTHY KERRICK</u> (Type or Print)	<u>[Signature]</u> (Signature in Full. No initials.)	
2nd Witness	<u>DAVIDA FORNAROTTO</u> (Type or Print)	<u>[Signature]</u> (Signature in Full. No initials.)	
Signed at	<u>Princeton, New Jersey</u>	Date	
Inventor (2)	<u>JUN LI</u> (Type or Print)		
Post Office Address	<u>26 Orchid Drive (Middlesex County), Plainsboro, New Jersey 08536 USA</u>		
1st Witness			
2nd Witness			
Signed at		Date	
Inventor (3)			
Post Office Address			
1st Witness			
2nd Witness			

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