

08-10-2006



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To the Honorable Assistant Commissioner for Patents: Please record the attached original documents or copy thereof.

1. Name of conveying party(ies):

Thomson Inc.

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

Yes

No X

3. Nature of conveyance:

X Assignment

Security Agreement

Other

Merger

Change of Name

Execution Date: March 6, 2006

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) US 10/863,578

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

Name: THOMSON LICENSING S.A.

Internal Address:

Street Address: 46, Quai A. Le Gallo

F-92100 Boulogne-Billancourt, France

City:

State:

Zip:

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

Yes

No X

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) US 10/863,578

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 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.

JOSEPH J. OPALACH

Name of Person Signing

Signature Registration No. 36,229

Date

Total number of pages including cover sheet, attachments, and document: 5

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(0651-0011), Washington, D.C. 20503.

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# ASSIGNMENT

WHEREAS, **Thomson Inc.**, a corporation duly organized and existing under the laws of the state of Delaware, USA, having offices at 10330 North Meridian Street, INH340, Indianapolis, Indiana 46290 USA and **THOMSON LICENSING S.A.**, 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 S.A.**;


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

## Of the Applications and Patents listed on the attached EXHIBIT A

**Thomson Inc.**

By:   
Charles Freeland  
Senior Counsel  
Thomson Inc.

**THOMSON LICENSING S.A.**

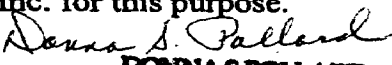
By:   
Joseph J. Opalach  
Sr. Patent Counsel, Reg. No.36,229  
Thomson Licensing Inc.  
And Attorney in Fact for  
THOMSON LICENSING S.A.

## NOTARIAL CERTIFICATE

State of Indiana )  
 ) :ss  
County of HAMILTON )

I do hereby certify that Thomson Inc., mentioned in the foregoing Assignment, having offices at the address listed above, is a corporation organized and existing under the laws of the state of Delaware, USA, and that **Charles Freeland**, who signed the foregoing Assignment this day, is/are fully authorized to execute the document on behalf of Thomson Inc. for this purpose.

Signed and sealed this 6th day of MARCH 2006.

  
**DONNA S. POLLARD**  
NOTARY PUBLIC STATE OF INDIANA  
HANCOCK COUNTY  
MY COMMISSION EXP JUNE 6, 2007

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

I do hereby certify that Thomson Licensing S.A., mentioned in the foregoing Assignment, has offices at the address listed above, is a corporation organized and existing under the laws of the country of France, and that **Joseph J. Opalach**, who signed the foregoing Assignment this day, is/are fully authorized to execute the document on behalf of Thomson Licensing S.A. for this purpose.

Signed and sealed this 6 day of March 2006.

  
Notary Public

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

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

Rev. 07/2005

# Exhibit A

Ctry	Patent No.	Appln No.	Filing Date	Title	Status
US		08/366,897	12/30/94	Universal LAN Power Line Carrier Repeater System and Method	Abandoned
US	5,818,821	08/710,841	9/23/96	Universal LAN Power Line Carrier Repeater System and Method	Issued
US		09/427,772	10/26/99	Universal LAN Power Line Carrier Repeater System and Method	Abandoned
AR		P980103000	6/23/98	Universal LAN Power Line Carrier Repeater System and Method	Pending
CL		1447-98	6/23/98	Universal LAN Power Line Carrier Repeater System and Method	Abandoned
US		60/069,474	12/15/97	Method and Apparatus for Power Line Exchange Protocol	Provisional
US		09/211,950	12/15/98	Method and Apparatus for Power Line Exchange Protocol	Abandoned
US		10/915,708	8/10/04	Method and Apparatus for Power Line Exchange Protocol	Pending
CA		2315160	12/15/98	Method and Apparatus for Power Line Exchange Protocol	Abandoned
CN		98813262.1	12/15/98	Method and Apparatus for Power Line Exchange Protocol	Abandoned
EP		98963955.4	12/15/98	Method and Apparatus for Power Line Exchange Protocol	Pending
HK		1102725.7	12/15/98	Method and Apparatus for Power Line Exchange Protocol	Abandoned
JP		539365/2000	12/15/98	Method and Apparatus for Power Line Exchange Protocol	Abandoned
KR		2000-7006943	12/15/98	Method and Apparatus for Power Line Exchange Protocol	Abandoned
WO		PCT/US98/26690	12/15/98	Method and Apparatus for Power Line Exchange Protocol	PCT
US		60/072,128	1/22/98	Method and Apparatus for Universal Data Exchange Gateway	Provisional
US		09/235,084	1/21/99	Method and Apparatus for Universal Data Exchange Gateway	Pending
CA		2318926	1/21/99	Method and Apparatus for Universal Data Exchange Gateway	Abandoned
CN		99803953.5	1/21/99	Method and Apparatus for Universal Data Exchange Gateway	Pending
EP		99903242.8	1/21/99	Method and Apparatus for Universal Data Exchange Gateway	Abandoned
HK		1107495.4	1/21/99	Method and Apparatus for Universal Data Exchange Gateway	Abandoned
JP		528920/2000	1/21/99	Method and Apparatus for Universal Data Exchange Gateway	Pending
KR		20007008178	1/21/99	Method and Apparatus for Universal Data Exchange Gateway	Abandoned
WO		PCT/US99/01234	1/21/99	Method and Apparatus for Power Line Exchange Protocol	PCT
US		09/491,735	1/27/00	Embedded Annotation Computer Language for Speech Recognition Systems	Abandoned
US		60/185,891	2/29/00	High Data-Rate Powerline Network System and Method	Provisional
US		09/794,761	2/27/01	High Data-Rate Powerline Network System and Method	Pending
US		10/188,347	7/1/02	High Data-Rate Powerline Network System and Method	Abandoned
EP		1920166.4	2/27/01	High Data-Rate Powerline Network System and Method	Abandoned
WO		PCTUS01/06539	2/27/01	High Data-Rate Powerline Network System and Method	PCT
WO		PCTUS02/21074	7/2/02	High Data-Rate Powerline Network System and Method	Abandoned
US		60/211,934	6/16/00	Continuous-time orthogonal frequency division multiplexing	Provisional
US		09/883,099	6/15/01	Continuous-time orthogonal frequency division multiplexing	Abandoned
US		09/559,817	4/25/00	Multi-Channel Power Line Exchange Protocol	Pending
EP		1924554.7	4/2/01	Multi-Channel Power Line Exchange Protocol	Pending
WO		PCTUS01/10493	4/2/01	Multi-Channel Power Line Exchange Protocol	PCT
US		29/161,040	5/20/02	Powerline Network Adapter	Abandoned
US		60/217,364	7/11/00	Modular Powerline Network Adapter	Provisional
US	6,747,859	09/902,454	7/10/01	Modular Powerline Network Adapter	Issued
US		10/863,578	6/8/04	Modular Powerline Network Adapter	Pending
EP		1953444.5	7/10/01	Modular Powerline Network Adapter	Pending
WO		PCTUS01/21786	7/10/01	Modular Powerline Network Adapter	PCT

**Exhibit A**

<u>Ctry</u>	<u>Patent No.</u>	<u>Appln No.</u>	<u>Filing Date</u>	<u>Title</u>	<u>Status</u>
US		09/803,422	3/9/01	Apparatus and Method for Re-Sending Data on Communications Channels	Pending
US		60/302,568		Method and Apparatus for Encoding Data Streams to Detect Crosstalk Between Communication Channels	Provisional
US		10/073,686	2/11/02	Method and Apparatus for Encoding Data Streams to Detect Crosstalk Between Communication Channels	Abandoned
US		29/163,105	6/25/02	Electrical Plug with Pass-Through	Abandoned
US		09/883,845	6/18/01	Sliding-Window Multi-Carrier Frequency Division Multiplexing System	Pending
EP		1950319.2	6/18/01	Sliding-Window Multi-Carrier Frequency Division Multiplexing System	Pending
WO		PCTUS01/19390	6/18/01	Sliding-Window Multi-Carrier Frequency Division Multiplexing System	PCT
US		09/883,834	6/18/01	Sliding-Window Transform with Integrated Windowing	Pending
US		08/881,481	6/24/97	Improved universal lan power line carrier repeater system and method	Abandoned
MY		A19802464		Improved universal lan power line carrier repeater system and method	Abandoned
TW		87108610		Improved universal lan power line carrier repeater system and method	Abandoned
WO		PCT/US98/11107	6/1/98	Improved universal lan power line carrier repeater system and method	PCT
ZA		9804721	6/2/98	Improved universal lan power line carrier repeater system and method	Abandoned

<u>Thomson</u>				
<u>Docket No.</u>	<u>KMOB Docket No.</u>	<u>Country</u>	<u>Status</u>	
PLUG05001	EPLUG.001FW1	US	Issued	US 5,818,821
PLUG05002	EPLUG.002C1	US	Pending	10/915,708
PLUG05003	EPLUG.003A	US	Pending	09/235,084
PLUG05005	EPLUG.023A	US	Pending	09/794,761
PLUG05007	EPLUG.034A	US	Pending	09/559,817
PLUG05008	EPLUG.037A	US	Issued	US 6,747,859
PLUG05008	EPLUG.037C1	US	Pending	10/863,578
PLUG05009	EPLUG.042A	US	Allowed	09/803,422
PLUG05011	EPLUG.052A	US	Allowed	09/883,845
PLUG05012	EPLUG.053A	US	Issued	US 7,020,218
10	TOTAL	5	pending	

PATENT

RECORDED: 08/07/2006

REEL: 018161 FRAME: 0388