

11-21-2000

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Additional name(s) of conveying party(ies) attached: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No		Street Address: 46 Quai Alphonse Le Gallo 92648 Boulogne Cedex, France	
3. Nature of convenience: <input checked="" type="checkbox"/> Assignment <input type="checkbox"/> Merger <input type="checkbox"/> Security Agreement <input type="checkbox"/> Change of Name <input type="checkbox"/> Other _____		Additional name(s) & address(es) attached? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	
Execution Date: October 17, 2000, respectively			
4. Application number(s) or patent number(s): 09/590,910 If this document is being filed together with a new application, the execution date of the application is:		B. Patent No.(s) ----	
A. Patent Application No.(s): 09/590,910			
Additional numbers attached?		<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	
5. Name and address of party to whom correspondence concerning document should be mailed: Name: JOSEPH S. TRIPOLI Internal Address: PATENT OPERATIONS THOMSON MULTIMEDIA LICENSING INC. Street Address: P. O. BOX 5312 City: PRINCETON State: NEW JERSEY Zip: 08543-5312		6. Total number of applications and patents involved: <u>1</u>	
		7. Total Fee (37 CFR 3.41): \$40.00 <input type="checkbox"/> Enclosed <input checked="" type="checkbox"/> 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.

Fred A. Wein

Name of Person Signing

Signature - Reg. No. 27,168

Date

11/6/00

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

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PATENT
REEL: 011246 FRAME: 0825

**ASSIGNMENT AND AGREEMENT IN AN APPLICATION FOR
LETTERS PATENT OF THE UNITED STATES OF AMERICA**

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 Tuner with Non-Edge RF Input Pin/Lead

described in an application for Letters Patent of the United States of America under Serial No. 09/590,910 filed on June 9, 2000 or, if not identified here by filing date and serial number, executed by me on even date with my execution of this Assignment/Agreement.

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 an to said inventions, and all the rights and privileges under any and all Letters Patent 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>30 Oct 2000</u>
Inventor (1)	<u>Edward Allen Hall</u> (Type or Print)		<u>Edward Allen Hall</u> (Signature in Full. No initials.)
	Post Office Address <u>868 Desert Wind Court, Carmel, Indiana 46032</u>		
1st Witness	<u>FEROZ K. ALPAIWALLA.</u> (Type or Print)		<u>Feroz K. AlpaIWalla.</u> (Signature in Full. No initials.)
2nd Witness	<u>Kathy Lynn Graves</u> (Type or Print)		<u>Kathy Lynn Graves</u> (Signature in Full. No initials.)
Signed at		Date	
Inventor (2)	<u>Tey Tiam Fatt</u> (Type or Print)		(Signature in Full. No initials.)
	Post Office Address <u>Blk 120, #11-66 Marsiling Rise, Singapore, Singapore 730120</u>		
1st Witness	(Type or Print)		(Signature in Full. No initials.)
2nd Witness	(Type or Print)		(Signature in Full. No initials.)
Signed at		Date	
Inventor (3)	<u>Pang Kim Suan</u> (Type or Print)		(Signature in Full. No initials.)
	Post Office Address <u>1Blk 53, #07-338 Chai, Chee Street, Singapore, Singapore 560053</u>		
1st Witness	(Type or Print)		(Signature in Full. No initials.)
2nd Witness	(Type or Print)		(Signature in Full. No initials.)

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

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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.

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Post Office Address	<u>868 Desert Wind Court, Carmel, Indiana 46032</u>		
1st Witness	(Type or Print)		(Signature in Full. No initials.)
2nd Witness	(Type or Print)		(Signature in Full. No initials.)
Signed at	<u>SINGAPORE</u>	Date	<u>1st NOV 2000</u>
Inventor (2)	<u>Tey Tiam Fatt</u> (Type or Print)		(Signature in Full. No initials.)
Post Office Address	<u>Blk 120, #11-66 Marsiling Rise, Singapore, Singapore 730120</u>		
1st Witness	<u>CHAN CHOON MENG</u> (Type or Print)		(Signature in Full. No initials.)
2nd Witness	<u>CHEONG YEW HONN</u> (Type or Print)		(Signature in Full. No initials.)
Signed at	<u>SINGAPORE</u>	Date	<u>1st NOV 2000</u>
Inventor (3)	<u>Pang Kim Suan</u> (Type or Print)		(Signature in Full. No initials.)
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