IAPO1Reg'd PCT II MAY 2010 FORM PTO-1595 EXPRESS MAIL EM 322488098 05-14-2010 U.S. DEPARTMENT OF COMMERCE CUSTOMER NO.: 24498 Rev. 1/7/07 5-11-10 I COVER SHEET DNLY To the Honorable Director of the Unite tached original documents or copy thereof. 103597200 e and address of receiving party(ies) Name of conveying party(ies) KIM SUAN PANG **THOMSON Licensing** Internal Address: LYE YOONG LUM KOK KEEN LEONG Additional name(s) of X No conveying party(ies) Street: 46 Quai A. Le Gallo attached: F-92100 Boulogne-Billancourt, France Nature of convenance: Assignment Merger Security Agreement Change of Name Other Execution Date: April 22; 22; 27, 2010, respectively Additional name(s) & address(es)attached? X No 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/EP2008/64573 B. Patent No.(s) 12734592 Additional numbers attached? Yes No Name and address of party to whom correspondence 6. Total number of applications and patents involved: concerning document should be mailed: ROBERT D. SHEDD Name Internal Address: PATENT OPERATIONS Total Fee (37 CFR 3.41): \$40.00 THOMSON LICENSING LLC _ Enclosed Authorized to be charged to deposit account Street Address: P.O. Box 5312 Deposit account number: 07-0832 City: PRINCETON State: NEW JERSEY Zip: 08543-5312 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

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ASSIGNMENT OF APPLICATION FOR UNITED STATES LETTER PATENT

WHEREAS Kim Suan PANG, Block 53, Chai Chee Street, #07-338, 460053 Singapore, Singapore; Lye Yoong LUM, Blk 142, Serangoon Nth Ave 1, #01-313, 550142 Singapore, Singapore; Kok Keen LEONG, Block 12, Telok Blangah Crescent, #08-97, 090012 Singapore, Singapore; hereinafter (collectively) referred to as the assignor, has invented a certain improvement relating to

TUNER HOUSING

for which said assignor has caused an application for United States Letters Patent to be prepared, the specification of which was filed on 28/OCT/08 as Application Serial No. PCT/EP08/064573 , or, if not identified here by filing date and serial number, the inventor's declaration for said application being executed concurrently with the execution of this instrument; said application to be filed in the United States Patent and Trademark Office.

AND WHEREAS

Thomson Licensing 46 Quai A. le Gallo F-92100 Boulogne-Billancourt France

hereinafter referred to as the assignee, is desirous of acquiring the entire right, title and interest in and to said application, including any and all divisions and continuations thereof, and in and to said invention and any and all patents which may be granted therefor, including any and all renewals, reissues and prolongations thereof;

NOW THIS WITNESSETH, that for good and valuable consideration paid by said assignee to said assignor, the receipt of which is hereby acknowledged, said assignor hereby assigns, sells and transfers to said assignee, and said assignee's successors and assigns, the entire and exclusive right, title and interest in and to said application, including any and all divisions and continuations thereof, and in and to said invention and any and all patents which may be granted therefor, including any and all renewals, reissues and prolongations thereof; said assignee, and said assignee's successors and assigns, to have, hold, exercise and enjoy the said application, including any and all divisions and continuations thereof, and the said invention and any and all patents which may be granted therefor, including any and all renewals, reissues and prolongations thereof, with all the rights, powers, privileges and advantages in anywise arising from or appertaining thereto, for and during the term or terms of any and all such patents when granted, including any and all renewals, reissues and prolongations thereof, for the use and benefit of said assignee, and said assignee's successors and assigns, in as ample and beneficial a manner as the said assignor might or could have held and enjoyed the same, if this assignment had not been made.

AND said assignor hereby agrees to perform, upon the request of said assignee, or said assignee's successors or assigns, any and all acts relating to the obtaining or to the asserting of said patents, including any and all renewals, reissues and prolongations thereof.

AND said assignor authorizes and requests the Commissioner of Patents and Trademarks to issue Letters Patent on said application, and on any and all divisions and continuations thereof, to said assignee, and said assignee's successors and assigns, in accordance herewith.

PATENT REEL: 024385 FRAME: 0022

EXECUTED, this x22nd day of x Ap	<u>ril</u> , 2010.
WITNESSES:	ASSIGNOR:
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Name: TEY THAM FATT Address: BLK155 GANGSA ROAD #22-341, S670155	
EXECUTED, this <u>* 22nd</u> day of * Ap	<u>vri (</u> , 2010.
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Signature: 🗶 🎢 .	Signature: x lunly horny
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Signature: X - Ly-	
Name: X Li Tue Address: X BLK763 #08-271, Chock Co	hu koing North 5, 5'680763
EXECUTED, this x a day of x April, 2010.	
WITNESSES:	ASSIGNOR:
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RECORDED: 05/11/2010