

09/29/2011



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Docket No.: PF090023

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1. Name of conveying party(ies): <b>Jean-Francois PINTOS</b> <b>Jean-Yves LE NAOUR</b> <b>Philippe MINARD</b> Additional name(s) of conveying party(ies) attached: <input checked="" type="checkbox"/> No		2. Name and address of receiving party(ies): Name: <b>THOMSON Licensing</b> Internal Address:  Street: <b>1-5 rue Jeanne d'Arc</b> <b>F-92130 ISSY LES MOULINEAUX, FRANCE</b>	
3. Nature of conveyance: <input checked="" type="checkbox"/> Assignment <input type="checkbox"/> Security Agreement <input type="checkbox"/> Other Execution Date: <u>September 5; August 23; August 17, 2011; respectively</u>		Additional name(s) & address(es) attached? <input checked="" type="checkbox"/> 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): <u>US 13/138,541</u>		B. Patent No.(s)	
Additional numbers attached? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> X			
5. Name and address of party to whom correspondence concerning document should be mailed: Name: <b>ROBERT D. SHEDD</b> Internal Address: <b>PATENT OPERATIONS</b> <b>THOMSON LICENSING LLC</b>  Street Address: <b>P. O. Box 5312</b>  City: <b>PRINCETON</b> State: <b>NEW JERSEY</b> Zip: <b>08543-5312</b>		6. Total number of applications and patents involved: <u>1</u>  7. Total Fee (37 CFR 3.41): <b>\$40.00</b> <input type="checkbox"/> Enclosed <input checked="" type="checkbox"/> Authorized to be charged to deposit account  8. Deposit account number: <b>07-0832</b>	

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PATRICIA A. VERLANGIERI

Name of Person Signing

*Patricia A. Verlangieri*  
Signature - Reg. No. 42,201

*Sept 27, 2011*  
Date

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PATENT  
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**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 **METHOD FOR PRODUCING AN ANTENNA, OPERATING IN A GIVEN FREQUENCY BAND, FROM A DUAL-BAND ANTENNA**

described in an Application for Patent filed on February 24, 2010 under Serial No. PCT/FR10/050309 and described in the file associated with Docket

No. PF090023 listed above or, if not identified here by filing date and serial number or by the Docket Number listed above, 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, a corporation duly organized and existing under the laws of the country of France, its successors, and assigns my entire right, title and interest, for all countries in and 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.

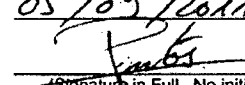


I agree that, when requested, I will, without charge to said corporation but at its expense, sign all papers, take all rightful oaths, make all rightful declarations and do all acts which may be necessary, desirable or convenient for securing and maintaining patents or other forms of protection for said inventions in any and all countries and for vesting title thereto in said corporation, its successors, assigns or nominees.

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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>GRENOBLE</u>	Date <u>05/09/2011</u>
Inventor (1) <u>Jean-François PINTOS</u> (Type or Print)	 (Signature in Full. No initials.)
Post Office Address <u>400 route du mollard - 38140 SAINT BLAISE DU BUIS - FRANCE</u>	
1st Witness <u>Rossoni</u> (Type or Print)	 (Signature in Full. No initials.)
2nd Witness <u>Rudan</u> (Type or Print)	 (Signature in Full. No initials.)
Signed at _____	Date _____
Inventor (2) <u>Jean-Yves LE NAOUR</u> (Type or Print)	_____ (Signature in Full. No initials.)
Post Office Address <u>1 rue des Badiers - 35740 PACE - FRANCE</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>Philippe MINARD</u> (Type or Print)	_____ (Signature in Full. No initials.)
Post Office Address <u>La Tremblaie - 35250 SAINT-MEDARD SUR ILLE - FRANCE</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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**DUAL-BAND ANTENNA**

described in an Application for Patent filed on

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date with my execution of this Assignment/Agreement.

For valuable consideration received, I hereby sell, assign and transfer to Thomson Licensing, a corporation duly organized and existing under the laws of the country of France, its successors, and assigns my entire right, title and interest, for all countries in and 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, 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		Date	
Inventor (1)	<u>Jean-François PINTOS</u> (Type or Print)		(Signature in Full. No initials.)
Post Office Address	<u>85 rue des Erables - 38500 COUBLEVIE - FRANCE</u>		
1st Witness			(Signature in Full. No initials.)
2nd Witness			(Signature in Full. No initials.)
Signed at	<u>Cesson-Sévigne</u>	Date	<u>August 23<sup>th</sup> 2011</u>
Inventor (2)	<u>Jean-Yves LE NAOUR</u> (Type or Print)		(Signature in Full. No initials.)
Post Office Address	<u>1 rue des Badiers - 35740 PACE - FRANCE</u>		
1st Witness	<u>ROBERT Jean. Luc.</u> (Type or Print)		(Signature in Full. No initials.)
2nd Witness	<u>LOUIS Ali</u> (Type or Print)		(Signature in Full. No initials.)
Signed at	<u>Cesson-Sévigne</u>	Date	<u>August 17 2011</u>
Inventor (3)	<u>Philippe MINARD</u> (Type or Print)		(Signature in Full. No initials.)
Post Office Address	<u>La Tremblaye - 35250 SAINT-MEDARD SUR ILLE - FRANCE</u>		
1st Witness	<u>François BARON</u> (Type or Print)		(Signature in Full. No initials.)
2nd Witness	<u>Sandra de Beauchesne</u> (Type or Print)		(Signature in Full. No initials.)

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