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Philippe MINARD			
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conveying party(ies) attached:	F-92130 ISSY LES MOULINEAUX, FRANCE		
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09/29/2011 KNGUYEN1 00000005 070832 13138541 48.88 DA 01 FC:8021

PATENT REEL: 027097 FRAME: 0059

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

inventions relating to METHOD FOR PRODUCING AN ANTENN	A, OPERATING IN A GIVEN FREQUENCY BAND, FROM A
DUAL-BAND ANTENNA	
described in an Application for Patent filed on Pebruary 24, 2010 Docket	under Serial No. PCT/FR10/050309 and described in the file associated with
No. PF090023 , listed above or, if not identified here by filling	date and serial number or by the Docket Number listed above, executed by me on even
date with my execution of this Assignment/Agreement.	
country of France, its successors, and assigns my entire right, title and interest and all Letters Patent that may be granted therefor, and any divisions, continuati	o Thomson Licensing, a corporation duly organized and existing under the laws of the , for all countries in and to sald inventions, and all the rights and privileges under any ons, reissues and extensions thereof. out 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 a countries and for vesting title thereto in said corporation, its successors, assigns	and maintaining patents or other forms of protection for said inventions in any and all or nominees.
corporation and at its expense will testify in any legal proceedings, and generate	ves any facts known to me respecting said inventions and when requested by said ally do everything possible to aid said corporation, its successors, assigns and legal
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	invoke and claim for any application for patent or other form of protection for said ternational 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 s	uch right of priority without further written or oral authorization from me.
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interest herein conveyed by me are free and clear of any encumbrance, and that	
Signed at GRENOBUE	Date 05/09/2011
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Inventor (2) Jean-Yves LE NAOUR (Type or Print)	(Signature in Full. No initials.)
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Inventor (3) Philippe MINARD	
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Pat Form Rev. 01/2007

Docket No. PF090023

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

nventions relating	clare that I am the sole inventor (if only o		
o	METHOD FOR PRODUCING AN	ANTENNA, OPERATIN	IG IN A GIVEN FREQUENCY BAND, FROM A
DUAL-BAND AN			rial and described in the file associa
lescribed in an App iled on	lication for Patent February 24, 2	under Se	na and described in the file association PCT/FR10/050309 with
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lo. <u>PF090</u>	tion of this Assignment/Agreement.		
he laws of the couights and privileges I agree that ightful declaration rotection for said in I agree that equested by said of successors, assigns I authorize said inventions in it orm of protection rotection of Indus riority without furt I hereby co document which mu assigns or nominee provided by the in substituted for it	intry of France, its successors, and assigs sunder any and all Letters Patent that metals, when requested, I will, without charges and do all acts which may be necesinventions in any and all countries and for it will communicate to said corporation or and at its expense will testify and legal representatives or nominees, it and legal representatives or nominees, and empower said corporation, its succests or their own name, or in my/our name for said inventions filled by it or them trial Property, as amended, or by any conther written or oral authorization from mesent that a copy of this assignment shay be required in any country for any puts to apply for patent or other proper paternational Convention for the Protecti	ns my entire right, title an any be granted therefor, an a to said corporation but ssary, desirable or conver resting title thereto in sain or its representatives in any legal proceedings, to obtain or enforce propersors, assigns or nominees e, in any and all countries heterother of the right wention which may hence e. It is to be a full legal rose and more particular rotection for said invention of Industrial Property,	nson Licensing, a corporation duly organized and existing under dinterest, for all countries in and to said inventions, and all the day divisions, continuations, reissues and extensions thereofial its expense, sign all papers, take all rightful oaths, make a sient for securing and maintaining patents or other forms of iddicorporation, its successors, assigns or nominees, any facts known to me respecting said inventions and whe and generally do everything possible to aid said corporation, its protection for said inventions in any and all countries, so make application for patent or other form of protection for and to invoke and claim for any application for patent or other torn of protection for the orth be substituted for it, and to invoke and claim such right of the said corporation or its successors and to claim the aforesaid benefits of the right of priority and to claim the aforesaid benefits of the right of priority as and roominess, that to the best of my knowledge the find the said components.
citle and interest he	with Thomson Licensing, its successors, erein conveyed by me are free and clear of	assigns, legal representation of any encumbrance, and the Date	ves, and nominees, that to the best of my knowledge the righ- nat I have full right to convey the same as herein expressed.
Signed at			
Inventor (1)	Jean-François PINTOS		
	(Type or Print)		(Signature in Full. No initials.)
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1st Witness	Post Office Address 85 rue des E	rables - 38500 CC	
	(Type or Print)	rables - 38500 CC	(Signature in Full. No initials.)
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1st Witness 2ndWitness	(Type or Print) (Type or Print) Cesson - Se vi gne Jean-Yves LE NAOUR		(Signature in Full. No initials.) (Signature in Full. No initials.) August 23 44 2 11
1st Witness 2ndWitness Signed at	(Type or Print) (Type or Print) Cesson - Se vi gne		(Signature in Full. No initials.)
1st Witness 2ndWitness Signed at Inventor (2)	(Type or Print) (Type or Print) Cesson - Sevigne Jean-Yves LE NAOUR (Type or Print)	Date	(Signature in Full. No initials.) (Signature in Full. No initials.) August 23 44 2 11 (Signature in Full. No initials.)
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1st Witness 2ndWitness Signed at inventor (2) 1st Witness	(Type or Print) (Type or Print) Cesson—Sevigne Jean-Yves LE NAOUR (Type or Print) Post Office Address 1 rue des Ba (Type or Print)	Date	(Signature in Full. No initials.) (E - FRANCE (Signature in Full. No initials.)
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1st Witness 2ndWitness Signed at Inventor (2) 1st Witness 2ndWitness Signed at	(Type or Print) (Type or Print) Cesson—Sevigne Jean-Yves LE NAOUR (Type or Print) Post Office Address (Type or Print) (Type or Print) (Type or Print) Concerns Sevigne Philippe MINARD (Type or Print)	Date Idiers - 35740 PAC	(Signature in Full. No initials.) Accepted 17 2011 (Signature in Full. No initials.)
1st Witness 2ndWitness Signed at Inventor (2) 1st Witness 2ndWitness Signed at	(Type or Print) (Type or Print) (Type or Print) Jean-Yves LE NAOUR (Type or Print) Post Office Address 1 rue des Barrelle 1	Date Idiers - 35740 PAC	(Signature in Full. No initials.)
1st Witness 2ndWitness Signed at Inventor (2) 1st Witness 2ndWitness Signed at Inventor (3)	(Type or Print) (Type or Print) (Type or Print) Jean-Yves LE NAOUR (Type or Print) Post Office Address 1 rue des Ba (Type or Print) 100 2 1 R (Type or Print)	Date Idiers - 35740 PAC	(Signature in Full. No initials.) Accepted (7 2011) (Signature in Full. No initials.)

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