503273396 04/21/2015

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT3320014

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
OANA-ELENA BARBU	04/13/2015
CARLES NAVARRO-MANCHON	04/13/2015
GUILLAUME MONGHAL	04/19/2015
BERNARD H. FLEURY	04/12/2015
CHRISTIAN ROM	04/13/2015

RECEIVING PARTY DATA

Name:	INTEL IP CORPORATION
Street Address:	2200 MISSION COLLEGE BOULEVARD
City:	SANTA CLARA
State/Country:	CALIFORNIA
Postal Code:	95054

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	14692267

CORRESPONDENCE DATA

Fax Number:

Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.

Phone: 2127535000

Email: kbonsignore@schiffhardin.com, patents-ny@schiffhardin.com

Correspondent Name: SCHIFF HARDIN LLP **Address Line 1:** 666 FIFTH AVENUE

Address Line 2: 17TH FLOOR

Address Line 4: NEW YORK, NEW YORK 10103

	ATTORNEY DOCKET NUMBER:	42542-0038
	NAME OF SUBMITTER:	LAURA C. BRUTMAN
DATE SIGNED: 04/01/0015	SIGNATURE:	/Laura C. Brutman/
DATE SIGNED: 04/21/2015	DATE SIGNED:	04/21/2015

Total Attachments: 4

PATENT REEL: 035460 FRAME: 0874

503273396

source=42542-0038 - Assignment#page1.tif
source=42542-0038 - Assignment#page2.tif
source=42542-0038 - Assignment#page3.tif
source=42542-0038 - Assignment#page4.tif

PATENT REEL: 035460 FRAME: 0875

Attorney Docket No.: 42542-0038 (P64623)

<u>ASSIGNMENT</u>

In consideration of good and valuable consideration, the receipt of which is hereby acknowledged, we, the undersigned inventor(s):

Oana-Elena BARBU; Carles NAVARRO-MANCHON; Guillaume MONGHAL; Bernard H. FLEURY; and Christian ROM

hereby sell, assign, and transfer to:

Intel IP Corporation

a corporation of Delaware, having a principal place of business at 2200 Mission College Boulevard, Santa Clara, California, 95054 USA ("Assignee"), and its successors, assigns, and legal representatives, the entire right, title, and interest for the United States and all other countries, in and to any and all inventions and improvements that are disclosed in the application for the patent entitled:

METHODS AND DEVICES FOR CHANNEL ESTIMATION AND OFDM RECEIVER

wh	nich was filed on	April 21, 2015	as	
	U.S.	Application Number	14/692,267	

which has been executed by the undersigned prior hereto or concurrently herewith on the date(s) indicated below,

and in and to said application and all Additional Applications, and all other patent applications that have been or shall be filed in the United States and all other countries and international filing offices on any of said inventions and improvements; and in and to all original and reissued patents that have been or shall be issued in the United States and all other countries and international filing offices on said inventions and improvements; and in and to all rights of priority resulting from the filing of said applications; as used herein "Additional Applications" includes but is not limited to design, utility, utility model, divisional, continuing, continuation-in-part, substitute, renewal, reissue, and national phase applications on said inventions and improvements;

and agree that said Assignee may apply for and receive a patent or patents for said inventions and improvements in its own name; and that, when requested, without charge to, but at the expense of, said Assignee, its successors, assigns, and legal representatives, to carry out in good faith the intent and purpose of this Assignment, the

Page 1 of 2

Attorney Docket No.: 42542-0038

(P64623)

undersigned will execute all Additional Applications, and all other patent applications on any and all said inventions and improvements; execute all rightful oaths, assignments, powers of attorney, and other papers; communicate to said Assignee, its successors, assigns, and legal representatives all facts known to the undersigned relating to said inventions and improvements and the history thereof; and generally assist said Assignee, its successors, assigns, or legal representatives in securing and maintaining proper patent protection for said inventions and improvements and for vesting title to said inventions and improvements, and all applications for patents and all patents on said improvements, in said Assignee, its successors, assigns, and legal representatives; and

covenant with said Assignee, its successors, assigns, and legal representatives that no assignment, grant, mortgage, license, or other agreement affecting the rights and property herein conveyed has been made to others by the undersigned, and that full right to convey the same as herein expressed is possessed by the undersigned.

Carles NAVARRO-MANCHON

13/04/2015

Date signed

Guillaume MONGHAL

Bernard H. FLEURY

Christian ROM

Date signed

12/04/2015 Date signed

Attorney Docket No.: 42542-0038

(P64623)

ASSIGNMENT

In consideration of good and valuable consideration, the receipt of which is hereby acknowledged, we, the undersigned inventor(s):

Oana-Elena BARBU; Carles NAVARRO-MANCHON; Guillaume MONGHAL; Bernard H. FLEURY; and Christian ROM

hereby sell, assign, and transfer to:

Intel IP Corporation

a corporation of Delaware, having a principal place of business at 2200 Mission College Boulevard, Santa Clara, California, 93054 USA ("Assignee"), and its successors, assigns, and legal representatives, the entire right, title, and interest for the United States and all other countries, in and to any and all inventions and improvements that are disclosed in the application for the patent entitled:

METHODS AND DEVICES FOR CHANNEL ESTIMATION AND OFDM RECEIVER

	which was filed on	April 21, 2015		
	U.S.	Application Number	14/692,267	
8d	COUNTRY or Internations	si Office		
hich	has been executed by the under	raigned prior hereto or concurrently b	erewith on the date(s) indicate:	d belo

shall be filed in the United States and all other countries and international filing offices on any of said inventions and improvements; and in and to all original and reissued patents that have been or shall be issued in the United States and all other countries and international filing offices on said inventions and improvements; and in and to all rights of priority resulting from the filing of said applications; as used herein "Additional Applications" includes but is not limited to design, utility, utility model, divisional, continuing, continuation-in-part, substitute, renewal, reissue, and national phase applications on said inventions and improvements;

and agree that said Assignee may apply for and receive a patent or ratents for said inventions and improvements in its own name; and that, when requested, without charge to, but at the expense of, said Assignee, its successors, assigns, and legal representatives, to carry out in good faith the intent and purpose of this Assignment, the

Page 1-18/2

Attorney Docket No.: 42542-0038 (P64623)

undersigned will execute all Additional Applications, and all other patent applications on any and all said inventions and improvements; execute all rightful oaths, assignments, powers of attorney, and other papers; communicate to said Assignee, its successors, assigns, and legal representatives all facts known to the undersigned relating to said inventions and improvements and the history thereof; and generally assist said Assignee, its successors, assigns, or legal representatives in securing and maintaining proper patent protection for said inventions and improvements and for vesting title to said inventions and improvements, and all applications for patents and all patents on said improvements, in said Assignee, its successors, assigns, and legal representatives, and

covenant with said Assignee, its successors, assigns, and legal representatives that no assignment, grant, mortgage. Iteense, or other agreement affecting the rights and property herein conveyed has been made to others by the undersigned, and that full right to convey the same as herein expressed is possessed by the undersigned.

minni	Oana-Elena BARBU	Date signed
	Carles NAVARRO-MANCHON	Date signed
	Coullagine MONGHAL	1916 1951/2015 Daild signed
	Bernard H. FLEURY	Date signed
·	Christian ROM	Date signed

Page 2 of 2