

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT										
NATURE OF CONVEYANCE:	ASSIGNMENT										
CONVEYING PARTY DATA											
<table border="1"> <thead> <tr> <th>Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>ALEXANDER MALTSEV</td> <td>09/04/2013</td> </tr> <tr> <td>ALEXEI DAVYDOV</td> <td>09/04/2013</td> </tr> <tr> <td>GREGORY MOROZOV</td> <td>09/04/2013</td> </tr> <tr> <td>ILYA BOLOTIN</td> <td>09/04/2013</td> </tr> </tbody> </table>		Name	Execution Date	ALEXANDER MALTSEV	09/04/2013	ALEXEI DAVYDOV	09/04/2013	GREGORY MOROZOV	09/04/2013	ILYA BOLOTIN	09/04/2013
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<table border="1"> <tr> <td>Name:</td> <td>INTEL CORPORATION</td> </tr> <tr> <td>Street Address:</td> <td>2200 MISSION COLLEGE BOULEVARD</td> </tr> <tr> <td>City:</td> <td>SANTA CLARA</td> </tr> <tr> <td>State/Country:</td> <td>CALIFORNIA</td> </tr> <tr> <td>Postal Code:</td> <td>95054</td> </tr> </table>		Name:	INTEL CORPORATION	Street Address:	2200 MISSION COLLEGE BOULEVARD	City:	SANTA CLARA	State/Country:	CALIFORNIA	Postal Code:	95054
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<table border="1"> <thead> <tr> <th>Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>PCT Number:</td> <td>US2012050007</td> </tr> </tbody> </table>		Property Type	Number	PCT Number:	US2012050007						
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PCT Number:	US2012050007										
CORRESPONDENCE DATA											
Fax Number: (612)332-8352 Email: ILOH-formals@cpaglobal.com <i>Correspondence will be sent via US Mail when the email attempt is unsuccessful.</i> Correspondent Name: THORPE NORTH & WESTERN LLP Address Line 1: C/O CPA GLOBAL Address Line 2: PO BOX 52050 Address Line 4: MINNEAPOLIS, MINNESOTA 55402											
ATTORNEY DOCKET NUMBER:	P45342PCT										
NAME OF SUBMITTER:	MAYURI SAXENA										
Signature:	/Mayuri Saxena/										

Date:

02/24/2014

Total Attachments: 6

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ASSIGNMENT

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

ALEXANDER MALTSEV; ALEXEI DAVYDOV; GREGORY MOROZOV; ILYA BOLOTIN

hereby sell, assign, and transfer to:

Intel 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 foreign countries, in and to any and all inventions and improvements that are disclosed in the application for the United States patent entitled:

SUPPORT FOR ASYNCHRONOUS TIME DIVISION DUPLEXING IN ADJACENT CELLS OF A WIRELESS COMMUNICATION SYSTEM

(I hereby authorize and request any attorney having appropriate authority from the assignee to insert on the designated lines below, the filing date and application number of said application when known.)

which was filed on August 8, 2012 as

International Application Number PCT/US2012/050007 and
COUNTRY or International Office

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;

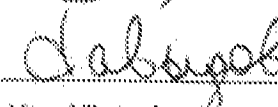
and agree that said Assignee may apply for and receive a patent or patents for said inventions and improvements in its own name; and that, when requested, without charge to, but at the expense of, said Assignee, its successors, assigns, and legal representatives, to carry out in good faith the intent and purpose of this Assignment, the undersigned will execute all design, utility, divisional, continuing, continuation-in-part, substitute, renewal, reissue, 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

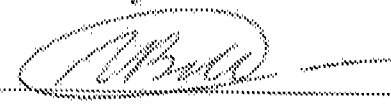
covenant with said Assignee, its successors, assigns, and legal representatives that no assignment, grant, mortgage, license, or other agreement affecting the rights and property herein conveyed has been made to others by the undersigned, and that full right to convey the same as herein expressed is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


Alexander Malisev

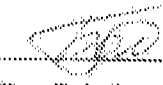
Sept 4th, 2013
Date signed


Alexei Davydov

Sept 4th, 2013
Date signed


Gregory Morozov

September 4, 2013
Date signed


Ilya Bolotin

September 4, 2013
Date signed

DECLARATION AND POWER OF ATTORNEY FOR PATENT APPLICATION

As a below named inventor, I hereby declare that:

My residence, mailing address, and citizenship are as stated below, next to my name.

I believe I am the original and first inventor (if only one name is listed below) or an original and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

SUPPORT FOR ASYNCHRONOUS TIME DIVISION DUPLEXING IN ADJACENT CELLS OF A WIRELESS COMMUNICATION SYSTEM

the specification of which (check one):

_____ is attached hereto,
☒ X_____ was filed on June 16, 2012 as
United States Application Number 13/294,744
or PCT International Application Number _____
and was amended on _____
(if applicable)

I hereby authorize and request my attorney, associated with Customer Number 95363, to insert on the designated lines above, the filing date, application number, PCT International Application Number and amendment date, as applicable, of the patent application should this Declaration be filed after filing the specification.

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claim(s), as amended by any amendment specifically referred to above.

I hereby claim the benefit under 35 U.S.C. § 120 or 365(c) of any United States and PCT international application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States or PCT international application in the manner provided by the first paragraph of 35 U.S.C. § 112, I acknowledge the duty to disclose material information as defined in 37 C.F.R. § 1.56(a) which became available between the filing date of the prior application and the national or PCT international filing date of this application:

PCT International Application No. PCT/US2012/050007 filed August 8, 2012.

I acknowledge the duty to disclose all information which is material to patentability as defined in 37 CFR 1.56, including for continuation-in-part applications, material information which became available between the filing date of the prior application and the national or PCT international filing date of the continuation-in-part application.

I hereby claim the benefit under 35 U.S.C. § 119(c) of any United States provisional application(s) listed below:

I hereby claim foreign priority benefits under 35 U.S.C. 119(a)-(d) or (f), or 365(b) of any foreign application(s) for patent, inventor's or plant breeder's rights certificate(s), or 365(a) of any PCT international application which designated at least one country other than the United States of America, listed below and have also identified below any foreign application for patent, inventor's or plant breeder's rights certificate(s), or any PCT international application having a filing date before that of the application on which priority is claimed:

Prior Foreign Application(s)			Priority Claimed?	Certified Copy Attached?		
(Number)	(Country)	(Foreign Filing Date -	Yes	No	Yes	No

MM/DD/YYYY)

(Number)	(Country)	(Foreign Filing Date - MM/DD/YYYY)	Yes	No	Yes	No
(Number)	(Country)	(Foreign Filing Date - MM/DD/YYYY)	Yes	No	Yes	No

I hereby appoint practitioners associated with the Customer Number: 95363
as my/our attorney(s) or agent(s), with full power of substitution and revocation, to prosecute this application and to
transact all business in the United States Patent and Trademark Office connected therewith.

Please direct all correspondence to the address associated with the Customer Number: 95363

I hereby declare that all statements made herein of my own knowledge are true and that all statements made
on information and belief are believed to be true; and further that these statements were made with the
knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both,
under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize
the validity of the application or any patent issued thereon.

Full Name of Sole/First Inventor: Alexander Maksey

Inventor's Signature: [Signature] Date: Sept 4th, 2013
Residence: Nizhny Novgorod Citizenship: Russian Federation
(City, State) (Country)

Post Office Address: 1-7 Verkhne-Pecherskay Str., Nizhny Novgorod, NIZ, 603163, RU

Full Name of Second/Joint Inventor: Alexei Duvdov

Inventor's Signature: [Signature] Date: Sept 4th, 2013
Residence: Nizhny Novgorod Citizenship: Russian Federation
(City, State) (Country)

Post Office Address: Lenin ave 28/11-40, Nizhny Novgorod, NIZ, 603132, RU

Full Name of Third/Joint Inventor: Gregory Mirozov

Inventor's Signature: [Signature] Date: September 4, 2013
Residence: Nizhny Novgorod Citizenship: Russian Federation
(City, State) (Country)

Post Office Address: Genya Duvdova str. 2-9, Nizhny Novgorod, NIZ, 603017, RU

Docket No.: P45342U/S
PATENT

Full Name of Fourth/Joint Inventor Ilya Bukalin

Inventor's Signature  Date September 4, 2003

Residence Nizhny Novgorod Citizenship Russian Federation
(City, State) (Country)

Post Office Address Yaroslavl 15-26, Nizhny Novgorod, 603198, RU
Perablestroitel'sky st. 26/1 - 8

Title 37, Code of Federal Regulations, Section 1.56
Duty to Disclose Information Material to Patentability

(a) A patent by its very nature is affected with a public interest. The public interest is best served, and the most effective patent examination occurs when, at the time an application is being examined, the Office is aware of and evaluates the teachings of all information material to patentability. Each individual associated with the filing and prosecution of a patent application has a duty of candor and good faith in dealing with the Office, which includes a duty to disclose to the Office all information known to that individual to be material to patentability as defined in this section. The duty to disclose information exists with respect to each pending claim until the claim is cancelled or withdrawn from consideration, or the application becomes abandoned. Information material to the patentability of a claim that is cancelled or withdrawn from consideration need not be submitted if the information is not material to the patentability of any claim remaining under consideration in the application. There is no duty to submit information which is not material to the patentability of any existing claim. The duty to disclose all information known to be material to patentability is deemed to be satisfied if all information known to be material to patentability of any claim issued in a patent was cited by the Office or submitted to the Office in the manner prescribed by §§1.97(b)-(d) and 1.98. However, no patent will be granted on an application in connection with which fraud on the Office was practiced or attempted or the duty of disclosure was violated through bad faith or intentional misconduct. The Office encourages applicants to carefully examine:

- (1) Prior art cited in search reports of a foreign patent office in a counterpart application, and
 - (2) The closest information over which individuals associated with the filing or prosecution of a patent application believe any pending claim patentably defines, to make sure that any material information contained therein is disclosed to the Office.
- (b) Under this section, information is material to patentability when it is not cumulative to information already of record or being made of record in the application, and
- (1) It establishes, by itself or in combination with other information, a prima facie case of unpatentability of a claim; or
 - (2) It refutes, or is inconsistent with, a position the applicant takes in:
 - (i) Opposing an argument of unpatentability relied on by the Office, or
 - (ii) Asserting an argument of patentability.

A prima facie case of unpatentability is established when the information compels a conclusion that a claim is unpatentable under the preponderance of evidence, burden-of-proof standard, giving each term in the claim its broadest reasonable construction consistent with the specification, and before any consideration is given to evidence which may be submitted in an attempt to establish a contrary conclusion of patentability.

- (c) Individuals associated with the filing or prosecution of a patent application within the meaning of this section are:
- (1) Each inventor named in the application;
 - (2) Each attorney or agent who prepares or prosecutes the application; and
 - (3) Every other person who is substantively involved in the preparation or prosecution of the application and who is associated with the inventor, with the assignee or with anyone in whom there is an obligation to assign the application.
- (d) Individuals other than the attorney, agent or inventor may comply with this section by disclosing information to the attorney, agent, or inventor.
- (e) In any continuation-in-part application, the duty under this section includes the duty to disclose to the Office all information known to the person to be material to patentability, as defined in paragraph (b) of this section, which became available between the filing date of the prior application and the national or PCT international filing date of the continuation-in-part application.
- (f)