# 503252552 04/07/2015

# PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT3299170

UBMISSION TYPE:		NEW ASSIGNMENT			
ATURE OF CONVEYA	NCE:	ASSIGNMENT	ASSIGNMENT		
CONVEYING PARTY D	ΑΤΑ				
		Name	Execution Date		
ANAND S. KONANUR			03/20/2015		
NIRANJAN KARANDIKA	١R		03/04/2015		
SONGNAN YANG			03/26/2015		
JLUN KARACAOGLU			03/03/2015		
EDWARD AGIS			03/04/2015		
RECEIVING PARTY DA	ТА				
lame:		CORPORATION			
Street Address:	2200 N	2200 MISSION COLLEGE BOULEVARD			
City:	SANTA	SANTA CLARA			
State/Country:	CALIFORNIA				
Postal Code:	95054				
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In consideration of good and valuable consideration, the receipt of which is hereby acknowledged, we, the undersigned inventor(s):

#### ÀNAND S. KONANUR; NIRANJAN KÀRANDIKAR; SONGNAN YANG; ULUN KARACAOGLU; EDWARD AGIS

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 other countries, in and to any and all inventions and improvements that are disclosed in the application for the patent entitled:

#### ENHANCING DATA RATE OR RANGE OF NEAR FIELD COMMUNICATION USING DIFFERENTIAL COIL TOPOLOGY

(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	December 16, 2014 as	

US

\_\_\_\_ Application Number <u>14/572,050</u>

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 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

## PATENT REEL: 035343 FRAME: 0468

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 Assignce, 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.

K14 Anand S. Konanur

Niranjan Karandikar

Songnan Yang

Ulun Karacaoglu

Edward Agis

Page 2 of 2

Date signed

Date signed

03 20 15 Date signed

Date signed

Date signed

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Page 1 of 2

## PATENT REEL: 035343 FRAME: 0470

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Anand S. Konanur

Niranian Karandikar

Songnan Yang

Ulun Karacaoglu

Date signed

Edward Agis

Page 2 of 2

PATENT REEL: 035343 FRAME: 0471

Date signed

Date signed

Date signed

Date signed

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Page 1 of 2

# PATENT REEL: 035343 FRAME: 0472

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Anand S. Konanur	Date signed
Niranjan Karandikar	Date signed
Songnan Yang	<u>3/26/2015</u> Date signed
y Ulun Karacaoglu	Date signed

Edward Agis

Date signed

Page 2 of 2

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Page 1 of 2

## PATENT REEL: 035343 FRAME: 0474

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Anand S. Konanur

Date signed

Niranjan Karandikar

Songnan Yang

Ung K

Uhun Karacaoghi

Edward Agis

Date signed

Date signed

3 March 2015

Date signed

Date signed

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Page 1 of 2

# PATENT REEL: 035343 FRAME: 0476

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Anand S. Konanur

Date signed

Date signed

Niranjan Karandikar

Songnan Yang

Ulun Karacaoglu

Edward Agis

Date signed

Date signed

3/4/2015 Date signed

Page 2 of 2

PATENT REEL: 035343 FRAME: 0477

**RECORDED: 04/07/2015**