PATENT ASSIGNMENT

Electronic Version v1.1 Stylesheet Version v1.1

CORRESPONDENCE DATA Fax Number: (408)474-9082 Correspondence will be sent via US Mail when the fax attempt is unsuccessful.	SUBMISSION TYPE:		NEW ASSIGNMENT					
CONVEYING PARTY DATA Image: Superstand State Stat								
Name Execution Date Liangliang HU 01/11/2011 Yenmeng SUN 12/10/2010 RECEIVING PARTY DATA Image:	NATURE OF CONVEYANCE:		ASSIGNMENT					
Liangliang HU 01/11/2011 Yanmeng SUN 12/10/2010 RECEIVING PARTY DATA Iteration Name: NXP B.V. Street Address: High Tech Campus 60 City: Eindhoven State/Country: NETHERLANDS Postal Code: 5656 AG State/Country: NETHERLANDS Postal Code: 5656 AG PROPERTY NUMBERS Total: 1 Image: 12812577 CORRESPONDENCE DATA 12812577 Correspondence will be sent via US Mail when the fax attempt is unsuccessful. Phone: 408-434-3000 Email: ip.departmentus@mxp.com Correspondent Name: NXP. B.V. NXP. INTELLECTUAL PROPERTY & LI Address Line 1: M/S41-SJ Address Line 2: 1109 MCKAY DRIVE Address Line 4: SAN JOSE, CALIFORNIA 95131 AttroRNEY DOCKET NUMBER: 81350410US04 NAME OF SUBMITTER: Vilimaina Naga Total Attachments: 2 source=81350410US04.SIGNEDASIGNMENT#page1.tif	CONVEYING PARTY	DATA						
Liangliang HU 01/11/2011 Yanmeng SUN 12/10/2010 RECEIVING PARTY DATA Iteration Name: NXP B.V. Street Address: High Tech Campus 60 City: Eindhoven State/Country: NETHERLANDS Postal Code: 5656 AG State/Country: NETHERLANDS Postal Code: 5656 AG PROPERTY NUMBERS Total: 1 Image: 12812577 CORRESPONDENCE DATA 12812577 Correspondence will be sent via US Mail when the fax attempt is unsuccessful. Phone: 408-434-3000 Email: ip.departmentus@mxp.com Correspondent Name: NXP. B.V. NXP. INTELLECTUAL PROPERTY & LI Address Line 1: M/S41-SJ Address Line 2: 1109 MCKAY DRIVE Address Line 4: SAN JOSE, CALIFORNIA 95131 AttroRNEY DOCKET NUMBER: 81350410US04 NAME OF SUBMITTER: Vilimaina Naga Total Attachments: 2 source=81350410US04.SIGNEDASIGNMENT#page1.tif			Name	Execution Date				
Image:	Liangliang HU							
Name: NXP B.V. Street Address: High Tech Campus 60 City: Eindhoven State/Country: NETHERLANDS Postal Code: 5656 AG PROPERTY NUMBERS Total: 1 Image: Computer State St								
Name: NXP B.V. Street Address: High Tech Campus 60 City: Eindhoven State/Country: NETHERLANDS Postal Code: 5656 AG PROPERTY NUMBERS Total: 1 Image: Computer State St								
Street Address: High Tech Campus 60 City: Eindhoven State/Country: NETHERLANDS Postal Code: 5656 AG PROPERTY NUMBERS Total: 1 Property Type Number Application Number: 12812577 CORRESPONDENCE DATA Fax Number: (408)474-9082 CORRESPONDENCE DATA Fax Number: (408)474-9082 Correspondence will be sent via US Mail when the fax attempt is unsuccessful. Phone: 408-434-3000 Email: ip.department.us@nxp.com Correspondent Name: NXP, B.V. NXP INTELLECTUAL PROPERTY & LI Address Line 1: M/S41-SJ Address Line 1: SAN JOSE, CALIFORNIA 95131 ATTORNEY DOCKET NUMBER: 81350410US04 Total Attachments: 2 source=81350410US04_SIGNEDASSIGNMENT#page1.tif 	RECEIVING PARTY D	ΑΤΑ						
City: Eindhoven State/Country: NETHERLANDS Postal Code: 5656 AG PROPERTY NUMBERS Total: 1 Property Type Application Number: 12812577 CORRESPONDENCE DATA Fax Number: (408)474-9082 Correspondence will be sent via US Mail when the fax attempt is unsuccessful. Phone: 408-434-3000 Email: ip.department.us@nxp.com Correspondent Name: NXP, B.V. NXP INTELLECTUAL PROPERTY & LI Address Line 1: M/S41-SJ Address Line 2: 1109 MCKAY DRIVE Address Line 2: 81350410US04 ATTORNEY DOCKET NUMBER: 81350410US04 NAME OF SUBMITTER: Vilimaina Naga	Name:	NXP B.V.						
State/Country: NETHERLANDS Postal Code: 5656 AG PROPERTY NUMBERS Total: 1 Property Type Application Number: 12812577 CORRESPONDENCE DATA Fax Number: (408)474-9082 <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful</i> . Phone: 408-434-3000 Email: ip.department.us@nxp.com Correspondent Name: NXP, B.V. NXP INTELLECTUAL PROPERTY & LI Address Line 1: M/S41-SJ Address Line 2: 1109 MCKAY DRIVE Address Line 4: SAN JOSE, CALIFORNIA 95131 ATTORNEY DOCKET NUMBER: 81350410US04 NAME OF SUBMITTER: Vilimaina Naga Total Attachments: 2 source=81350410US04_SIGNEDASSIGNMENT#page1.tif	Street Address:	High Tech Camp	us 60					
Postal Code: 5656 AG PROPERTY NUMBERS Total: 1 Property Type Number Application Number: 12812577 CORRESPONDENCE DATA Fax Number: (408)474-9082 Correspondence will be sent via US Mail when the fax attempt is unsuccessful. Phone: 408-434-3000 Email: ip.department.us@nxp.com Correspondent Name: NXP, B.V. NXP INTELLECTUAL PROPERTY & LI Address Line 1: M/S41-SJ Address Line 2: 1109 MCKAY DRIVE Address Line 4: SAN JOSE, CALIFORNIA 95131 ATTORNEY DOCKET NUMBER: 81350410US04 NAME OF SUBMITTER: Vilimaina Naga Total Attachments: 2 source=81350410US04_SIGNEDASSIGNMENT#page1.tif	City:	Eindhoven						
PROPERTY NUMBERS Total: 1 Property Type Number Application Number: 12812577 CORRESPONDENCE DATA Fax Number: (408)474-9082 Correspondence will be sent via US Mail when the fax attempt is unsuccessful. Phone: 408-434-3000 Email: ip.department.us@nxp.com Correspondent Name: NXP, B.V. NXP INTELLECTUAL PROPERTY & LI Address Line 1: M/S41-SJ Address Line 2: 1109 MCKAY DRIVE Address Line 4: SAN JOSE, CALIFORNIA 95131 ATTORNEY DOCKET NUMBER: 81350410US04 NAME OF SUBMITTER: Vitimaina Naga Total Attachments: 2 source=81350410US04_SIGNEDASSIGNMENT#page1.tif	State/Country:	NETHERLANDS						
Property Type Number Application Number: 12812577 CORRESPONDENCE DATA Fax Number: (408)474-9082 Correspondence will be sent via US Mail when the fax attempt is unsuccessful. Phone: 408-434-3000 Email: io.department.us@nxp.com Correspondent Name: NXP, B. V. NXP INTELLECTUAL PROPERTY & LI Address Line 1: M/S41-SJ Address Line 2: 1109 MCKAY DRIVE Address Line 4: SAN JOSE, CALIFORNIA 95131 Attract ments: 2 MAME OF SUBMITTER: Vilimaina Naga Total Attachments: 2 source=81350410US04_SIGNEDASSIGNMENT#page1.tif	Postal Code:	5656 AG						
Property Type Number Application Number: 12812577 CORRESPONDENCE DATA Fax Number: (408)474-9082 Correspondence will be sent via US Mail when the fax attempt is unsuccessful. Phone: 408-434-3000 Email: in jedepartment.us@nxp.com Correspondent Name: NXP, B. V. NXP INTELLECTUAL PROPERTY & LI Address Line 1: M/S41-SJ Address Line 1: M/S41-SJ Address Line 2: 1109 MCKAY DRIVE Address Line 2: 1109 MCKAY DRIVE Address Line 4: SAN JOSE, CALIFORNIA 95131 ATTORNEY DOCKET NUMBER: 81350410US04 NAME OF SUBMITTER: Vilimaina Naga Total Attachments: 2 source=81350410US04_SIGNEDASSIGNMENT#page1.tif								
CORRESPONDENCE DATA (408)474-9082 Fax Number: (408)474-9082 (408)474-9082 (408)474-9082 (408)474-9082 (408)474-9082 (408)474-9082 (408)474-9082 (408)474-9082 (408)42	PROPERTY NUMBER	RS Total: 1	PROPERTY NUMBERS Total: 1					
CORRESPONDENCE DATA (408)474-9082 Fax Number: (408)474-9082 Correspondence will be sert via US Mail when the fax attempt is unsuccessful. Phone: Phone: 408-434-3000 Email: ip.department.us@nxp.com Correspondent Name: NXP, B.V. NXP INTELLECTUAL PROPERTY & LI Address Line 1: M/S41-SJ Address Line 2: 1109 MCKAY DRIVE Address Line 4: SAN JOSE, CALIFORNIA 95131 AttroRNEY DOCKET NUMBER: 81350410US04 NAME OF SUBMITTER: Vilimaina Naga Total Attachments: 2 Vilimaina Naga	Property Type							
CORRESPONDENCE DATA (408)474-9082 Fax Number: (408)474-9082 (408)474-9082 (408)474-9082 (408)474-9082 (408)474-9082 (408)474-9082 (408)474-9082 (408)474-9082 (408)42	Property Ty	/pe	Number					
Fax Number: (408)474-9082 Correspondence will be sert via US Mail when the fax attempt is unsuccessful. Phone: 408-434-3000 Email: ip.department.us@nxp.com Correspondent Name: NXP, B.V. NXP INTELLECTUAL PROPERTY & LI Address Line 1: M/S41-SJ Address Line 2: 1109 MCKAY DRIVE Address Line 4: SAN JOSE, CALIFORNIA 95131 ATTORNEY DOCKET NUMBER: 81350410US04 NAME OF SUBMITTER: Vilimaina Naga Total Attachments: 2 vilimaina Naga 1.tif					812577			
Phone: 408-434-3000 Email: ip.department.us@nxp.com Correspondent Name: NXP, B.V. NXP INTELLECTUAL PROPERTY & LI Address Line 1: M/S41-SJ Address Line 2: 1109 MCKAY DRIVE Address Line 4: SAN JOSE, CALIFORNIA 95131 ATTORNEY DOCKET NUMBER: 81350410US04 NAME OF SUBMITTER: Vilimaina Naga Total Attachments: 2 vilimaina Naga 1.tif	Application Number:	128			12812577			
Phone: 408-434-3000 Email: ip.department.us@nxp.com Correspondent Name: NXP, B.V. NXP INTELLECTUAL PROPERTY & LI Address Line 1: M/S41-SJ Address Line 2: 1109 MCKAY DRIVE Address Line 4: SAN JOSE, CALIFORNIA 95131 ATTORNEY DOCKET NUMBER: 81350410US04 NAME OF SUBMITTER: Vilimaina Naga Total Attachments: 2 Vilimaina Naga 1.tif	Application Number:	128						
Email: ip.department.us@nxp.com Correspondent Name: NXP, B.V. NXP INTELLECTUAL PROPERTY & LI Address Line 1: M/S41-SJ Address Line 2: 1109 MCKAY DRIVE Address Line 4: SAN JOSE, CALIFORNIA 95131 ATTORNEY DOCKET NUMBER: 81350410US04 NAME OF SUBMITTER: Vilimaina Naga Total Attachments: 2 vilimaina Naga 1.tif	Application Number:	DATA	12577					
Correspondent Name: NXP, B.V. NXP INTELLECTUAL PROPERTY & LI Address Line 1: M/S41-SJ Address Line 2: 1109 MCKAY DRIVE Address Line 4: SAN JOSE, CALIFORNIA 95131 ATTORNEY DOCKET NUMBER: 81350410US04 NAME OF SUBMITTER: Vilimaina Naga Total Attachments: 2 source=81350410US04_SIGNEDASSIGNMENT#page1.tif	Application Number: CORRESPONDENCE Fax Number:	DATA (408)474-90 De sent via US Mai	12577 82 I when the fax attempt is unsuccessful.					
Address Line 1: M/S41-SJ Address Line 2: 1109 MCKAY DRIVE Address Line 4: SAN JOSE, CALIFORNIA 95131 ATTORNEY DOCKET NUMBER: 81350410US04 NAME OF SUBMITTER: Vilimaina Naga Total Attachments: 2 vilimaina Naga	Application Number: CORRESPONDENCE Fax Number: <i>Correspondence will b</i> Phone:	DATA (408)474-90 De sent via US Mai 408-434-300	12577 82 <i>I when the fax attempt is unsuccessful.</i> 00		\$40.00			
Address Line 2: 1109 MCKAY DRIVE Address Line 4: SAN JOSE, CALIFORNIA 95131 ATTORNEY DOCKET NUMBER: 81350410US04 NAME OF SUBMITTER: Vilimaina Naga Total Attachments: 2 Vilimaina Naga source=81350410US04_SIGNEDASSIGNMENT#page1.tif	Application Number: CORRESPONDENCE Fax Number: <i>Correspondence will E</i> Phone: Email:	DATA (408)474-90 <i>pe sent via US Mai</i> 408-434-300 ip.departme	12577 82 <i>I when the fax attempt is unsuccessful.</i> 00 nt.us@nxp.com		\$40.00			
Address Line 4: SAN JOSE, CALIFORNIA 95131 ATTORNEY DOCKET NUMBER: 81350410US04 NAME OF SUBMITTER: Vilimaina Naga Total Attachments: 2 Vilimaina Naga source=81350410US04_SIGNEDASSIGNMENT#page1.tif Vilimaina Naga	Application Number: CORRESPONDENCE Fax Number: <i>Correspondence will E</i> Phone: Email: Correspondent Name:	DATA (408)474-90 <i>be sent via US Mai</i> 408-434-300 ip.departme NXP, B.V. N	12577 82 <i>I when the fax attempt is unsuccessful.</i> 00 nt.us@nxp.com		\$40.00			
ATTORNEY DOCKET NUMBER: 81350410US04 NAME OF SUBMITTER: Vilimaina Naga Total Attachments: 2 source=81350410US04_SIGNEDASSIGNMENT#page1.tif	Application Number: CORRESPONDENCE Fax Number: <i>Correspondence will L</i> Phone: Email: Correspondent Name: Address Line 1:	DATA (408)474-90 <i>be sent via US Mai</i> 408-434-300 ip.departme NXP, B.V. N M/S41-SJ	12577 82 <i>I when the fax attempt is unsuccessful.</i> 00 nt.us@nxp.com XP INTELLECTUAL PROPERTY & LI		\$40.00			
NAME OF SUBMITTER: Vilimaina Naga Total Attachments: 2 source=81350410US04_SIGNEDASSIGNMENT#page1.tif	Application Number: CORRESPONDENCE Fax Number: <i>Correspondence will E</i> Phone: Email: Correspondent Name: Address Line 1: Address Line 2:	DATA (408)474-90 (408)474-90 (408-434-300) (408-434-300) (408-434-300) (10.00 MCKA (10.00 MCKA	12577 82 <i>I when the fax attempt is unsuccessful.</i> 00 nt.us@nxp.com XP INTELLECTUAL PROPERTY & LI Y DRIVE		\$40.00			
Total Attachments: 2 source=81350410US04_SIGNEDASSIGNMENT#page1.tif	Application Number: CORRESPONDENCE Fax Number: <i>Correspondence will E</i> Phone: Email: Correspondent Name: Address Line 1: Address Line 2:	DATA (408)474-90 (408)474-90 (408-434-300) (408-434-300) (408-434-300) (10.00 MCKA (10.00 MCKA	12577 82 <i>I when the fax attempt is unsuccessful.</i> 00 nt.us@nxp.com XP INTELLECTUAL PROPERTY & LI Y DRIVE		\$40.00			
source=81350410US04_SIGNEDASSIGNMENT#page1.tif	Application Number: CORRESPONDENCE Fax Number: <i>Correspondence will E</i> Phone: Email: Correspondent Name: Address Line 1: Address Line 2: Address Line 4:	DATA (408)474-90 be sent via US Mai 408-434-300 ip.departme NXP, B.V. N M/S41-SJ 1109 MCKA SAN JOSE,	12577 82 <i>I when the fax attempt is unsuccessful.</i> 00 nt.us@nxp.com XP INTELLECTUAL PROPERTY & LI Y DRIVE CALIFORNIA 95131		\$40.00			
	Application Number: CORRESPONDENCE Fax Number: <i>Correspondence will b</i> Phone: Email: Correspondent Name: Address Line 1: Address Line 2: Address Line 4: ATTORNEY DOCKET	DATA (408)474-90 be sent via US Mai 408-434-300 ip.departme NXP, B.V. N M/S41-SJ 1109 MCKA SAN JOSE, NUMBER:	82 <i>I when the fax attempt is unsuccessful.</i>)0 nt.us@nxp.com XP INTELLECTUAL PROPERTY & LI Y DRIVE CALIFORNIA 95131 81350410US04		\$40.00			
	Application Number: Application Number: CORRESPONDENCE Fax Number: Correspondence will E Phone: Email: Correspondent Name: Address Line 1: Address Line 2: Address Line 4: AttorNEY DOCKET NAME OF SUBMITTE Total Attachments: 2	DATA (408)474-90 (408)474-90 (408-434-300) (408-434-300) (408-434-300) (408-434-300) (408-434-300) (408-434-300) (109 MCKA (500) SAN JOSE, NUMBER: R:	82 <i>I when the fax attempt is unsuccessful.</i> 00 nt.us@nxp.com XP INTELLECTUAL PROPERTY & LI Y DRIVE CALIFORNIA 95131 81350410US04 Vilimaina Naga		\$40.00			

JOINT ASSIGNMENT

For good and valuable consideration, receipt of which is hereby acknowledged, we, as a below-named Assignor, hereby sell, assign, and transfer the entire and exclusive right, title, and interest in the following to **NXP B.V.**, having a place of business at High Tech Campus 60, NL-5656 AG, Eindhoven, NL, its successors, assigns, and legal representatives, including any nominees (collectively "the Assignee"):

(1) our invention relating to "METHOD AND SYSTEM FOR PROCESSING RADIO PACKAGES IN A MULTIMODE SOFTWARE DEFINED RADIO (SDR) TERMINAL" for which a United States patent application no. 61/021113 was filed on January 15, 2008.

(2) the foregoing application and all other United States, foreign and international patent applications associated therewith, based thereon, or claiming priority there from including, but not limited to, any and all provisionals, non-provisionals, divisions, continuations, continuations-in-part, re-examinations, reissues, and extensions thereof, and

(3) the right to claim priority thereto, and the entire and exclusive right, title, and interest in and to any and all patents granted on these applications.

We authorize and request that the Patent Office officials in the United States and in any and all foreign countries to issue any and all Letters Patent when granted, solely to **NXP B.V.**, for its sole use, and that of its successors, assigns, and legal representatives.

We will provide our cooperation to enable the Assignee to enjoy the foregoing right, title, and interest to the fullest extent. Upon request at the expense of the Assignee, we agree to execute all papers, take all rightful oaths, testify in all legal proceedings including patent prosecutional actions and infringement actions, and do all other such acts which may be necessary, desirable, or convenient for securing and maintaining patents on the foregoing invention or for perfecting title thereto in the Assignee.

We certify that we have the full right to convey the above rights.

Jan. 11.2011

. Assignor

Assignor

Date

SUN, YANMENG

HU, LIANGLIANG

JOINT ASSIGNMENT

For good and valuable consideration, receipt of which is hereby acknowledged, we, as a below-named Assignor, hereby sell, assign, and transfer the entire and exclusive right, title, and interest in the following to **NXP B.V.**, having a place of business at High Tech Campus 60, NL-5656 AG, Eindhoven, NL, its successors, assigns, and legal representatives, including any nominees (collectively "the Assignee"):

(1) our invention relating to "METHOD AND SYSTEM FOR PROCESSING RADIO PACKAGES IN A MULTIMODE SOFTWARE DEFINED RADIO (SDR) TERMINAL" for which a United States patent application no. 61/021113 was filed on January 15, 2008.

(2) the foregoing application and all other United States, foreign and international patent applications associated therewith, based thereon, or claiming priority there from including, but not limited to, any and all provisionals, non-provisionals, divisions, continuations-in-part, re-examinations, reissues, and extensions thereof, and

(3) the right to claim priority thereto, and the entire and exclusive right, title, and interest in and to any and all patents granted on these applications.

We authorize and request that the Patent Office officials in the United States and in any and all foreign countries to issue any and all Letters Patent when granted, solely to NXP B.V., for its sole use, and that of its successors, assigns, and legal representatives.

We will provide our cooperation to enable the Assignee to enjoy the foregoing right, title, and interest to the fullest extent. Upon request at the expense of the Assignee, we agree to execute all papers, take all rightful oaths, testify in all legal proceedings including patent prosecutional actions and infringement actions, and do all other such acts which may be necessary, desirable, or convenient for securing and maintaining patents on the foregoing invention or for perfecting title thereto in the Assignee.

We certify that we have the full right to convey the above rights.

		, Assignor
Date	HU, LIANGLIANG	
2010-12-10	more to	, Assignor
Date	SUN, YANMENG	

PATENT REEL: 025628 FRAME: 0159

RECORDED: 01/12/2011