

PATENT ASSIGNMENT

Electronic Version v1.1
 Stylesheet Version v1.1

| | |
|--|--|
| SUBMISSION TYPE: | NEW ASSIGNMENT |
| NATURE OF CONVEYANCE: | ASSIGNMENT |
| CONVEYING PARTY DATA | |
| Name | Execution Date |
| GANG WU | 04/26/2010 |
| NI MA | 04/26/2010 |
| XIAOBO ZHANG | 04/26/2010 |
| RECEIVING PARTY DATA | |
| Name: | NXP B.V. |
| Street Address: | HIGH TECH CAMPUS 60 |
| City: | EINDHOVEN |
| State/Country: | NETHERLANDS |
| Postal Code: | 5656 AG |
| PROPERTY NUMBERS Total: 1 | |
| Property Type | Number |
| Application Number: | 12681891 |
| 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: | 81346072 US06 |
| NAME OF SUBMITTER: | Lynn Miller |
| Total Attachments: 1 source=81346072US06_ASSIGN_SIGNED#page1.tif | |

CH \$40.00 12681891

501165380

PATENT
REEL: 024326 FRAME: 0892

JOINT ASSIGNMENT

For good and valuable consideration, receipt of which is hereby acknowledged, and further to the Joint Assignment which we executed on October 11, 2007, we, as below-named Assignors, 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 MANAGING PRECODING IN A MULTI-USER WIRELESS COMMUNICATIONS SYSTEM" for which (a) U.S. patent application no. 60/979,784 was filed on October 12, 2007, (b) Chinese patent application no. 200710181175.7 was filed on October 12, 2007, (c) International patent application no. PCT/IB2008/054185 was filed on October 10, 2008, and (d) U.S. patent application no. 12/681,891 was filed on April 7, 2010.

(2) the foregoing applications 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 prosecutorial 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.

Apr. 26 2010
Date

Gang Wu, Assignor
WU, Gang

04.26.2010
Date

Ma Ni, Assignor
MA, Ni

04.26.2010
Date

Xiaobo Zhang, Assignor
ZHANG, Xiaobo