PATENT ASSIGNMENT

Electronic Version v1.1 Stylesheet Version v1.1

| SUBMISSION TYPE: | NEW ASSIGNMENT |
|-----------------------|----------------|
| NATURE OF CONVEYANCE: | ASSIGNMENT |

CONVEYING PARTY DATA

| Name | Execution Date |
|-------------------|----------------|
| Viet Nguyen Hoang | 11/25/2010 |
| Pascal Bancken | 11/25/2010 |
| Radu Surdeanu | 11/25/2010 |

RECEIVING PARTY DATA

| Name: | NXP B.V. |
|-----------------|---------------------|
| Street Address: | High Tech Campus 60 |
| City: | Eindhoven |
| State/Country: | NETHERLANDS |
| Postal Code: | NL-5656 AG |

PROPERTY NUMBERS Total: 1

| Property Type | Number |
|---------------------|----------|
| Application Number: | 12876063 |

CORRESPONDENCE DATA

Fax Number: 4085185671

Correspondence will be sent via US Mail when the fax attempt is unsuccessful.

Phone: 408-518-5500

Email: vilimaina.naga@nxp.com

Correspondent Name: Intellectual Property and Licensing NXP

Address Line 1: 411 East Plumeria Drive, MS41
Address Line 4: SAN JOSE, CALIFORNIA 95134

ATTORNEY DOCKET NUMBER: 81385895US03

NAME OF SUBMITTER: Vilimaina Naga

Total Attachments: 1

source=81385895US02_ASSIGNMENTSIGNED#page1.tif

\$40.00

PATENT REEL: 029053 FRAME: 0085

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, and its successors, assigns, and legal representatives, including any nominees (collectively "the Assignee"):

- (1) our invention relating to "SYSTEM AND METHOD FOR OUTPUT FLUX MEASUREMENT OF A LIGHT EMITTING DIODE" for which an EP patent application was filed in the European Patent Office on September 7, 2009, having a Serial Number 09169653.4, and which was filed in the United States Patent and Trademark Office on September 3, 2010, having an Application Number 12/876,063 and;
- (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 provisional's, non-provisional's, 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.

| 25-11-2010 | TO THE TOTAL PROPERTY OF THE PARTY OF THE PA | , Assignor |
|------------|--|------------|
| Date | Viet NGUYEN HÖÄNG | |
| 25-11-2010 | | , Assignor |
| Date | Pascal BANCKEN | |
| 25-11-2010 | | , Assignor |
| Date | Radu SURDEANU | • |

PATENT REEL: 029053 FRAME: 0086

RECORDED: 10/01/2012