

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
 Stylesheet Version v1.2

EPAS ID: PAT4997279

|   |   |
|---|---|
| <b>SUBMISSION TYPE:</b>   | NEW ASSIGNMENT                          |
| <b>NATURE OF CONVEYANCE:</b>  | ASSIGNMENT                              |
| <b>CONVEYING PARTY DATA</b>   |   |
| <b>Name</b>   | <b>Execution Date</b>                   |
| JOSEPH M. AMATO   | 12/02/2003                              |
| <b>RECEIVING PARTY DATA</b>   |   |
| <b>Name:</b>  | KONINKLIJKE PHILIPS ELECTRONICS N.V.    |
| <b>Street Address:</b>  | GROENEWOUDSEWEG 1                       |
| <b>City:</b>  | EINDHOVEN                               |
| <b>State/Country:</b>   | NETHERLANDS                             |
| <b>Postal Code:</b>   | 5621 BA                                 |
| <b>PROPERTY NUMBERS Total: 1</b>  |   |
| <b>Property Type</b>  | <b>Number</b>                           |
| Application Number:   | 12179218                                |
| <b>CORRESPONDENCE DATA</b>  |   |
| Fax Number:   |   |
| <i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.</i> |   |
| 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              |
| <b>ATTORNEY DOCKET NUMBER:</b>  | US02 0574 US3                           |
| <b>NAME OF SUBMITTER:</b>   | VILIMAINA NAGA                          |
| <b>SIGNATURE:</b>   | /Vilimaina Naga/                        |
| <b>DATE SIGNED:</b>   | 06/08/2018                              |
| <b>Total Attachments: 1</b>   |   |
| source=2003-Inventor Assignment#page1.tif   |   |

SOLE/JOINT ASSIGNMENT

For good and valuable consideration, receipt of which is hereby acknowledged, I/we, as a below-named Assignor(s), hereby sell, assign, and transfer the entire and exclusive right, title, and interest in the following to **Koninklijke Philips Electronics N.V.**, having a place of business at Groenewoudseweg 1, 5621 BA Eindhoven, NL, its successors, assigns, and legal representatives, including any nominees (collectively "the Assignee"):

- (1) my/our invention relating to **MATCHED VARIABLE RESISTOR STRUCTURES TO ELECTRICALLY MEASURE UNIDIRECTIONAL MISALIGNMENT OF STITCHED MASKS FOR ETCHED INTERCONNECT LAYERS**

for which

[ ] a U.S. provisional application for patent will be filed in the United States Patent and Trademark Office,

[ x ] a U.S. provisional patent application was filed in the United States Patent and Trademark Office on **December 13, 2002**, having a Serial Number - **60/433,311**.

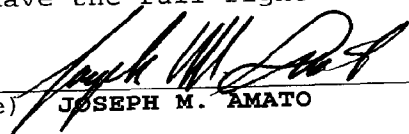
(2) the foregoing application and all other United States, foreign and international patent applications associated therewith, based thereon, or claiming priority therefrom including, but not limited to, any and all provisionals, non-provisionals divisions, continuations, continuations-in-part, reexaminations, 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.

I/We authorize and request that the Patent Office officials in the United States and in any and all foreign countries to issues any and all Letters Patent when granted, solely to **Koninklijke Philips Electronics N.V.**, for its sole use, and that of its successors, assigns, and legal representatives.

I/we will provide my/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, I/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.

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

|                   |   |            |
|-------------------|---|------------|
| <u>2 Dec 2003</u> | (signature) <u></u> | , Assignor |
| Date              | (printed name) <u>JOSEPH M. AMATO</u>   |            |
| <br>              | (signature) _____   | , Assignor |
| Date              | (printed name) _____  |            |
| <br>              | (signature) _____   | , Assignor |
| Date              | (printed name) _____  |            |

PATENT