504613991 10/26/2017

PATENT ASSIGNMENT COVER SHEET

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

CONVEYING PARTY DATA

| Name | Execution Date |
|---------------|----------------|
| PAUL KIMELMAN | 10/26/2017 |

RECEIVING PARTY DATA

| Name: | NXP USA, INC. | |
|-----------------|---------------------------|--|
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| State/Country: | TEXAS | |
| Postal Code: | 78735 | |

PROPERTY NUMBERS Total: 1

| Property Type | Number |
|---------------------|----------|
| Application Number: | 15795125 |

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| NAME OF SUBMITTER: | WENDY K. SPRADLIN | |
| SIGNATURE: | /Wendy K. Spradlin/ | |
| DATE SIGNED: | 10/26/2017 | |

Total Attachments: 1

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PATENT 504613991 REEL: 044637 FRAME: 0090

ASSECTABLE NO

For good and valuable consideration, receipt of which is hereby acknowledged, I, as below maned Assignor, benefit will, assign, and transfer the entire and exclusive right, title, and interest in the following to NXP USA, INC., having a place of business at 6501 William Causes Drive, Austin, TX 78715, USA, its successors, assigns, and legal representatives, including any nominees (collectively "the Assignee").

(1) noy invention relating to "GLITCH DETECTION IN INPUT/OUTPUT BUS" for which the following patent application(s) has have been filed I hereby authorize and request my attention associated with U.S. Patent & Trademark Office Customer Number 23125 to insert below the filing date and application number of the U.S. application when known).

Country Amplication No. Filing Date (movest yyy) Claims Priority of 15/795,125 October 26, 2017

- (2) the foregoing application(s) 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, revokes, 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.

Lauthorize 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 USA, INC., for its sole use, and that of its successors, assigns, and legal representatives.

I will provide my 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 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, destrable, or convenient for securing and maintaining patents on the foregoing invention or for perfecting title thereto in the Assignee.

Learnity that I have the full right to convey the above rights.

RECORDED: 10/26/2017

10/26/17 //// Assigner
Date Paul Kirkelauka

PATENT REEL: 044637 FRAME: 0091