PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT2947844

| SUBMISSION TYPE: | CORRECTIVE ASSIGNMENT |
|-----------------------|--|
| NATURE OF CONVEYANCE: | Corrective Assignment to correct the 2ND REC. PTY NAME FROM MSTAR SEMICONDUCTOR INC. TO READ MSTAR SEMICONDUCTOR, INC. (CAYMAN ISLANDS) previously recorded on Reel 029363 Frame 0478. Assignor(s) hereby confirms the ENTIRE RIGHT, TITLE AND INTEREST. |

CONVEYING PARTY DATA

| Name | Execution Date |
|-------------------|----------------|
| WOLFGANG KUECHLER | 11/14/2012 |

RECEIVING PARTY DATA

| Name: | MSTAR SEMICONDUCTOR, INC. |
|-------------------|--|
| Street Address: | 4F-1, NO. 26, TAI-YUAN STREET |
| Internal Address: | CHUPEI |
| City: | HSINCHU HSIEN |
| State/Country: | TAIWAN |
| Postal Code: | 302 |
| Name: | MSTAR SEMICONDUCTOR, INC. (CAYMAN ISLANDS) |
| Street Address: | 1ST FLOOR, WINDWARD 1, REGATTA OFFICE PARK |
| Internal Address: | P.O. BOX 10338, SHEDDEN |
| City: | GRAND CAYMAN |
| State/Country: | CAYMAN ISLANDS |
| Postal Code: | KY1-1003 |
| Name: | MSTAR SOFTWARE R&D (SHENZHEN) |
| Street Address: | 4TH/5TH FL., NO. 3 CHINESE ACAD OF SCIENCE |
| Internal Address: | GAOXIN NAN 1ST AVE HIGH TECH INDUST PK |
| City: | SHENZHEN |
| State/Country: | CHINA |
| Postal Code: | 518057 |

PROPERTY NUMBERS Total: 1

| Property Type | Number |
|---------------------|----------|
| Application Number: | 13687102 |

CORRESPONDENCE DATA

Fax Number: (301)762-4056

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 PATENT

502901247 REEL: 033379 FRAME: 0011

Phone: 301-424-3640 Email: kew@usiplaw.com

Correspondent Name: EDELL, SHAPIRO & FINNAN, LLC

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Address Line 2: 9801 WASHINGTONIAN BLVD., SUITE 750
Address Line 4: GAITHERSBURG, MARYLAND 20878

ATTORNEY DOCKET NUMBER: 0470.0171C (MST0725-US)

NAME OF SUBMITTER: LAWRENCE D. EISEN

SIGNATURE: /Lawrence D. Eisen/

DATE SIGNED: 07/22/2014

Total Attachments: 4

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> PATENT REEL: 033379 FRAME: 0012

PATENT ASSIGNMENT

Electronic Version v1.1 Stylesheet Version v1.1

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

CONVEYING PARTY DATA

| Name | Execution Date |
|-------------------|----------------|
| Wolfgang Kuechler | 11/14/2012 |

RECEIVING PARTY DATA

| Name: | MStar Semiconductor, Inc. |
|-------------------|-------------------------------|
| Street Address: | 4F-1, No. 26, Tai-Yuan Street |
| Internal Address: | ChuPei |
| City: | Hsinchu Hsien |
| State/Country: | TAIWAN |
| Postal Code: | 302 |

| Name: | MStar Semiconductor Inc. |
|-------------------|--|
| Street Address: | 1st Floor, Windward 1, Regatta Office Park |
| Internal Address: | P.O. Box 10338, Shedden Road |
| City: | Grand Cayman |
| State/Country: | CAYMAN ISLANDS |
| Postal Code: | KY1-1003 |

| Name: | MStar Software R&D (Shenzhen) |
|-------------------|--|
| Street Address: | 4th/5th Fl., No. 3 Chinese Acad of Science |
| Internal Address: | GaoXin Nan 1st Ave High Tech Indust Pk |
| City: | ShenZhen |
| State/Country: | CHINA |
| Postal Code: | 518057 |

PROPERTY NUMBERS Total: 1

| Property Type | Number |
|---------------------|----------|
| Application Number: | 13687102 |

CORRESPONDENCE DATA

PATENT REEL: 033379 FRAME: 0013

ASSIGNMENT

For good and valuable consideration, I, Wolfgang Kuechler, a citizen of Austria, residing at 1 Ostler Court, Royston, SG8 5FH, Hertfordshire, UK, hereinafter individually or collectively referred to as "Assignor";

Hereby sell, assign and transfer to;

- 1. MStar Semiconductor, Inc., having its principal place of business at 4F-1, Number 26, Tai-Yuan Street ChuPei, Hsinchu Hsien 302, Taiwan, R.O.C.,
- 2. MStar Semiconductor, Inc., having its principal place of business at 1st Floor, Windward 1, Regatta Office Park, P.O. Box 10338, Shedden Road, Grand Cayman, KY1-1003, Cayman Islands,
- 3. MStar Software R&D (Shenzhen) Ltd., having its principal place of business at The 4th/5th Floor, No. 3 Chinese Academy of Science & Technology Development Building, GaoXin Nan 1st Avenue, Hi-Tech Industrial Park, NanShan District ShenZhen, P.R. of China P.C.: 518057,

hereinafter "Assignee", its successors, assigns and legal representatives, the entire right, title and interest in and for the United States and all foreign countries, in and to any and all improvements which are disclosed in the application for United States Letters Patent, which has been executed by the undersigned and

entitled: STREAM DATA PROCESSOR

and in and to said application and all divisional, continuing, substitute, renewal, reissue, and all other applications for Letters Patent which have been or shall be filed in the United States and all foreign countries on any of said improvements; and in and to all original and reissued patents which have been or shall be filed in the United States and all foreign countries on said improvements;

Agree that said Assignee may apply for and receive Letters Patent for said improvements in its own name; and that, when requested, without charge to but at the expense of said Assignee, its successors, assigns and legal representatives, to carry out in good faith the intent and purpose of this assignment, the undersigned will execute all divisional, continuing, substitute, renewal, reissue, and all other patent applications on any and all said improvements; execute all rightful oaths, assignments, powers of attorney and other papers; communicate to said Assignee, its successors, assigns, and legal representatives, all facts known to the undersigned relating to said improvements and the history thereof; and generally do everything possible which said Assignee, its successors, assigns or legal representatives shall consider desirable for aiding in securing and maintaining proper patent protection for said improvements and for vesting title to said improvements and all applications for patents and all patents on said improvements, in said Assignee, its successors, assigns and legal representatives; and

Covenant with said Assignee, it successors, assigns and legal representatives that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been made to others by the undersigned, and that full right to convey the same as herein expressed is possessed by the undersigned.

SIGNATURE:

RECORDED: 07/22/2014

Wolfgang Kuechler

DATE: 14. Nov. 2012

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