PATENT ASSIGNMENT

Electronic Version v1.1 Stylesheet Version v1.1

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

CONVEYING PARTY DATA

| Name | Execution Date |
|---------------|----------------|
| Ying-Chieh Tu | 02/11/2011 |
| Jin-Mu Wu | 02/11/2011 |
| Yao-Hsin Wang | 02/11/2011 |

RECEIVING PARTY DATA

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

PROPERTY NUMBERS Total: 1

| Property Type | Number |
|---------------------|----------|
| Application Number: | 13026396 |

CORRESPONDENCE DATA

Fax Number: (703)880-7487

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

Phone: 703-684-4411

Email: FAXVA@WPAT.COM

Correspondent Name: WPAT, PC INTELLECTUAL PROPERTY ATTORNEYS

Address Line 1: 1940 Duke Street suite 200 Address Line 4: Alexandria, VIRGINIA 22314

| ATTORNEY DOCKET NUMBER: | 66607-097 |
|-------------------------|-------------|
| NAME OF SUBMITTER: | Justin King |

Total Attachments: 2

source=assignment#page1.tif source=assignment#page2.tif

PATENT

REEL: 025801 FRAME: 0285

F \$40.00 1302638

501436945

<u>ASSIGNMENT</u>

WHEREAS, I(we), Ying-Chieh Tu, Jin-Mu Wu and Yao-Hsin Wang whose post office address(es) appear(s) below, hereinafter referred to as ASSIGNOR, have invented certain new and useful invention entitled

Video Codec and Method thereof

| (herei | nafter referred to as the INVENTIC | N) for which an application for Uni | ted States Letters Patent /Utility Patent is executed on even |
|--------|------------------------------------|-------------------------------------|---|
| date h | erewith unless at least one of the | following is checked: | |
| | ☐ United States Design Patent | | |
| was | | | |
| | executed on: | | |
| | ☐ filed on: | Scrial No.: | |
| | a established by PCT Internation | onal Patent Application No.: | filed: |
| | designating the United Stat | es of America | |
| | issued on | as U.S. Patent No.: | |

WHEREAS, MStar Semiconductor, Inc.

whose post office address is 4F-1, Number 26, Tai-Yuan St. Chupei, Hsinchu Hsien; Taiwan 302 ROC hereinafter referred to as ASSIGNEE, is desirous of acquiring the entire right, title and interest in and to the same in the United States and its territorial possessions;

NOW, THEREFORE, for good and valuable consideration, receipt of which is hereby acknowledged, I (we), ASSIGNOR, by these presents do sell, assign and transfer unto said ASSIGNEE, the entire right, title, and interest in and to said INVENTION and application throughout the United States of America, including any and all Letters Patent granted on any division, continuation, continuation-in-part and reissue of said application for the full term or terms for which the same may be granted, including all priority rights under any International Convention.

ASSIGNOR further covenants that no assignments, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this Assignment;

ALSO, ASSIGNOR hereby agrees to execute any documents that legally may be required in connection with the filing, prosecution and maintenance of said application or any other patent application(s) in the United States for said Invention, including additional documents that may be required to affirm the rights of ASSIGNEE in and to said Invention, all without further consideration. ASSIGNOR also agrees, without further consideration and at ASSIGNEE's expense, to identify and communicate to ASSIGNEE at ASSIGNEE's request documents and information concerning the Invention that are within ASSIGNOR's possession or control, and to provide further assurances and testimony on behalf of ASSIGNEE that lawfully may be required of ASSIGNOR in respect of the prosecution, maintenance, litigation and defense of any patent application or patent encompassed within the terms of this instrument. ASSIGNOR's obligations under this instrument shall extend to ASSIGNOR's heirs, executors, administrators and other legal representatives.

ALSO, ASSIGNOR hereby authorizes and requests the Commissioner of Patents and Trademarks to issue any and all Letters Patent referred to above to ASSIGNEE, as the ASSIGNEE of the entire right, title and interest in and to the same, for ASSIGNEE'S sole use and behoof, and for the use and behoof of ASSIGNEE'S legal representatives and successors, to the full end of the term for which such Letters Patent may be granted, as fully and entirely as the same would have been held by ASSIGNOR had this assignment and sale not been made.

ASSIGNOR authorizes any member of the firm of <u>WPAT. PC (Customer No. 65358)</u> to insert or complete any information in this document needed to effect its recordal in the U.S. Patent and Trademark Office.

| Full Name of First Inventor: Ying-Chieh Tu | |
|--|---------------------------------|
| Inventor's Signature: Tu, Ving-Wieh. | Date: 2011/2/11 |
| Residence: Hsinchu Hsien | |
| Citizenship: Taiwan, R.O.C. | |
| Mailing Address: 4F-1, No. 26, Tai-Yuan Street, ChuPei, Hs | inchu Hsien 302, Taiwan, R.O.C. |

| Full Name of Joint Inventor: Wu, Jin-Mu | |
|---|-----------------------------------|
| Inventor's Signature: Wu, Jn-Mu | Date: >011/2/11 |
| Residence: Hsinchu Hsien | |
| Citizenship: Taiwan, R.O.C. | |
| Mailing Address: 4F-1, No. 26, Tai-Yuan Street, ChuPei, | Hsinchu Hsien 302, Taiwan, R.O.C. |

| Full Name of Joint Inventor: Wang, Yao-Hsin | |
|--|----------------------------------|
| Inventor's Signature: Wang, Yao-Hsin | Date: >011/>/11 |
| Residence: Hsinchu Hsien | |
| Citizenship: Taiwan, R.O.C. | |
| Mailing Address: 4F-1, No. 26, Tai-Yuan Street, ChuPei, Hs | sinchu Hsien 302, Taiwan, R.O.C. |