

## PATENT ASSIGNMENT

Electronic Version v1.1

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| SUBMISSION TYPE:  | NEW ASSIGNMENT                   |               |                |                     |            |          |            |           |            |
|---|----------------------------------|---------------|----------------|---------------------|------------|----------|------------|-----------|------------|
| NATURE OF CONVEYANCE:   | ASSIGNMENT                       |               |                |                     |            |          |            |           |            |
| CONVEYING PARTY DATA  |                                  |               |                |                     |            |          |            |           |            |
| <table border="1"><thead><tr><th>Name</th><th>Execution Date</th></tr></thead><tbody><tr><td>William A. Stanton</td><td>04/22/2008</td></tr><tr><td>Fei Wang</td><td>04/22/2008</td></tr><tr><td>Zhong Shi</td><td>04/29/2008</td></tr></tbody></table> |                                  | Name          | Execution Date | William A. Stanton  | 04/22/2008 | Fei Wang | 04/22/2008 | Zhong Shi | 04/29/2008 |
| Name  | Execution Date                   |               |                |                     |            |          |            |           |            |
| William A. Stanton  | 04/22/2008                       |               |                |                     |            |          |            |           |            |
| Fei Wang  | 04/22/2008                       |               |                |                     |            |          |            |           |            |
| Zhong Shi   | 04/29/2008                       |               |                |                     |            |          |            |           |            |
| RECEIVING PARTY DATA  |                                  |               |                |                     |            |          |            |           |            |
| Name:   | Micron Technology, Inc.          |               |                |                     |            |          |            |           |            |
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| City:   | Boise                            |               |                |                     |            |          |            |           |            |
| State/Country:  | IDAHO                            |               |                |                     |            |          |            |           |            |
| Postal Code:  | 83716-9632                       |               |                |                     |            |          |            |           |            |
| PROPERTY NUMBERS Total: 1   |                                  |               |                |                     |            |          |            |           |            |
| <table border="1"><thead><tr><th>Property Type</th><th>Number</th></tr></thead><tbody><tr><td>Application Number:</td><td>12115045</td></tr></tbody></table>  |                                  | Property Type | Number         | Application Number: | 12115045   |          |            |           |            |
| Property Type   | Number                           |               |                |                     |            |          |            |           |            |
| Application Number:   | 12115045                         |               |                |                     |            |          |            |           |            |
| CORRESPONDENCE DATA   |                                  |               |                |                     |            |          |            |           |            |
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| <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>  |                                  |               |                |                     |            |          |            |           |            |
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| ATTORNEY DOCKET NUMBER:   | MICR-333US                       |               |                |                     |            |          |            |           |            |
| NAME OF SUBMITTER:  | Kenneth N. Nigon                 |               |                |                     |            |          |            |           |            |
| Total Attachments: 3<br>source=MICR-333US_Assignment#page1.tif  |                                  |               |                |                     |            |          |            |           |            |

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|  |   |                                  |
|--|---|----------------------------------|
| <b>ASSIGNMENT - Patent Application</b>   |   | Docket Number: <b>MICR-333US</b> |
| Whereas, the Assignor, comprising the following named inventors:   |   |                                  |
| ASSIGNOR(s)/<br>INVENTOR(s)  | 1. <b>William A. Stanton</b>  | 2. <b>Fei Wang</b>               |
|  | 3. <b>Zhong Shi</b>   | 4.                               |
|  | 5.  | 6.                               |
| made an invention entitled: <b><u>GUIDED-MODE-RESONANCE TRANSMISSION COLOR FILTERS FOR COLOR GENERATION IN CMOS IMAGE SENSORS</u></b>  |   |                                  |
| for which an application for Letters Patent of the United States:<br>(Select one of the following):  |   |                                  |
| <input checked="" type="checkbox"/> is executed concurrently herewith<br><input type="checkbox"/> was filed in the U.S. Patent and Trademark Office on _____,<br>as U.S. Patent Application Serial No.: _____  |   |                                  |
| ASSIGNEE<br>(Full Name and Address)  | Micron Technology, Inc.<br>8000 S. Federal Way<br>Mail Stop 525<br>Boise, ID 83716-9632 |                                  |
| <p>FOR GOOD AND VALUABLE CONSIDERATION, the receipt, sufficiency and adequacy for which are hereby acknowledged, the undersigned, do hereby:</p> <p>SELL, ASSIGN AND TRANSFER to MICRON TECHNOLOGY, INC., (the "Assignee"), a corporation of Delaware having a place of business at 8000 S. Federal Way, Boise, ID 83706, the entire right, title and interest 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 concurrently herewith and is entitled: such application and all divisional, continuing, substitute, renewal, reissue and all other applications for patent which have been or shall be filed in the United States and all foreign countries on any of such improvements; all original and reissued patents which have been or shall be issued in the United States and all foreign countries on such improvements; and specifically including the right to file foreign applications under the provisions of any convention or treaty and claim priority based on such application in the United States;</p> <p>AUTHORIZE AND REQUEST the issuing authority to issue any and all United States and foreign patents granted on such improvements to the Assignee;</p> <p>WARRANT AND COVENANT that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been or will be made to others by the undersigned, and that the full right to convey the same as herein expressed in possessed by the undersigned;</p> <p>COVENANT that, when requested and at the expense of the Assignee, 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 such improvements; execute all rightful oaths, declarations, assignments, powers of attorney and other papers; communicate to the Assignee all facts known to the undersigned relating to such improvements and the history thereof; and generally do everything possible which the Assignee shall consider desirable for securing, maintaining and enforcing proper patent protection for such improvements and for vesting title to such improvements in the Assignee;</p> |   |                                  |

**ASSIGNMENT - Patent Application**Docket Number: **MICR-333US**

TO BE BINDING on the heirs, assigns, representatives and successors of the undersigned and extend to the successors, assigns and nominees of the Assignee.

Assignor authorizes Assignor's attorney to insert at the end hereof, the serial number and filing date of the aforesaid application for United States Letters Patent and/or the Attorney Docket or file designation for this application if not identified above.

If the Assignor includes more than one individual, these obligations shall apply to these individuals both individually and collectively.

In witness whereof, this Assignment is executed on the day indicated below.

1. **WILLIAM A. STANTON**

[Signature]  
(SIGNATURE)

4/22/08  
DATE

STATE OF IdahoCounty of Ada

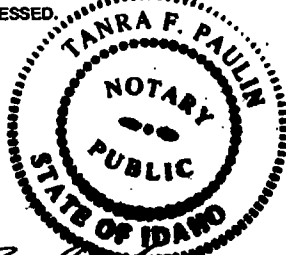
} ss.

BEFORE ME, THIS 22nd DAY OF April, 2008,  
PERSONALLY APPEARED THE ABOVE-NAMED INDIVIDUAL, TO ME KNOWN TO  
BE THE PERSON WHO IS DESCRIBED IN AND WHO EXECUTED THE  
FOREGOING ASSIGNMENT INSTRUMENT AND ACKNOWLEDGED TO ME THAT  
HE/SHE EXECUTED THE SAME OF HIS/HER OWN FREE WILL FOR THE  
PURPOSE THEREIN EXPRESSED.

April 22, 2008  
DATE  
[Signature]  
NOTARY OR CONSULAR OFFICER

MY COMMISSION EXPIRES: 11-5-2011

SEAL

2. **FEI WANG**

[Signature]  
(SIGNATURE)

4/22/08  
DATE

STATE OF IdahoCounty of Ada

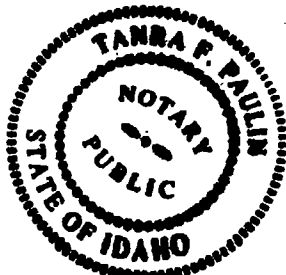
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April 22, 2008  
DATE  
[Signature]  
NOTARY OR CONSULAR OFFICER

MY COMMISSION EXPIRES: 11-5-2011

SEAL



3. ZHONG SHI

(SIGNATURE)

STATE OF

County of

BEFORE ME, THIS 29<sup>th</sup> DAY OF April, 2008,  
PERSONALLY APPEARED THE ABOVE-NAMED INDIVIDUAL, TO ME KNOWN TO  
BE THE PERSON WHO IS DESCRIBED IN AND WHO EXECUTED THE  
FOREGOING ASSIGNMENT INSTRUMENT AND ACKNOWLEDGED TO ME THAT  
HE/SHE EXECUTED THE SAME OF HIS/HER OWN FREE WILL FOR THE  
PURPOSE THEREIN EXPRESSED.

SEAL

DATE

April 29, 2008  
DATE

C. West-Barnes-Boran  
NOTARY OR CONSULAR OFFICER

MY COMMISSION EXPIRES: January 31, 2012

Application for United States Letters Patent:

Appln. No.: 12/115,045

Filed: \_\_\_\_\_

Attorney Docket Number: **MICR- 333US**