

PATENT ASSIGNMENT COVER SHEET

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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>TUUNG LUOH</td> <td>02/05/2014</td> </tr> <tr> <td>LING-WUU YANG</td> <td>02/05/2014</td> </tr> <tr> <td>TA-HONE YANG</td> <td>02/05/2014</td> </tr> <tr> <td>KUANG-CHAO CHEN</td> <td>02/05/2014</td> </tr> </tbody> </table>		Name	Execution Date	TUUNG LUOH	02/05/2014	LING-WUU YANG	02/05/2014	TA-HONE YANG	02/05/2014	KUANG-CHAO CHEN	02/05/2014
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<table border="1"> <tr> <td>Name:</td> <td>MACRONIX INTERNATIONAL CO., LTD.</td> </tr> <tr> <td>Street Address:</td> <td>NO. 16, LI-HSIN RD., SCIENCE-BASED INDUSTRIAL PARK,</td> </tr> <tr> <td>City:</td> <td>HSINCHU</td> </tr> <tr> <td>State/Country:</td> <td>TAIWAN</td> </tr> </table>		Name:	MACRONIX INTERNATIONAL CO., LTD.	Street Address:	NO. 16, LI-HSIN RD., SCIENCE-BASED INDUSTRIAL PARK,	City:	HSINCHU	State/Country:	TAIWAN		
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PROPERTY NUMBERS Total: 1											
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CORRESPONDENCE DATA											
Fax Number: (510)580-7280 Email: usa@jcipgroup.com.tw <i>Correspondence will be sent via US Mail when the email attempt is unsuccessful.</i> Correspondent Name: JIANQ CHYUN INTELLECTUAL PROPERTY OFFICE Address Line 1: 7F.-1, NO. 100, ROOSEVELT RD., SEC. 2, Address Line 4: TAIPEI, TAIWAN 100											
ATTORNEY DOCKET NUMBER:	JCLA49054										
NAME OF SUBMITTER:	BELINDA LEE										
Signature:	/Belinda Lee/										
Date:	02/12/2014										

This document serves as an Oath/Declaration (37 CFR 1.63).

Total Attachments: 3

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**DECLARATION AND ASSIGNMENT
FOR UTILITY OR DESIGN PATENT APPLICATION**

☒ Declaration Submitted With Initial Filing

OR

☐ Declaration Submitted After Initial Filing (surcharge 37 CFR 1.16(f) required)

(Title of the Invention)

ELECTRON BEAM INSPECTION OPTIMIZATION

As a below named inventor (hereinafter designated as the undersigned), I hereby
declare that:

This declaration is directed to:

☒ The attached application,

OR

☐ United States Application Number or PCT International application number

_____ Filed on _____

The above-identified application was made or authorized to be made by me.

I believe I am the original inventor or an original joint inventor of a claimed invention in
the application.

**DECLARATION AND ASSIGNMENT
FOR UTILITY OR DESIGN PATENT APPLICATION**

WHEREAS, the undersigned has invented certain new and useful improvements described in the application identified.

WHEREAS 1. MACRONIX International Co., Ltd.
of No. 16, Li-Hsin Rd., Science-Based Industrial Park, Hsinchu, Taiwan,
R.O.C.

hereinafter referred to as ASSIGNEE, is desirous of acquiring the undersigned's interest in the said invention and application and in any U.S. Letters Patent which may be granted on the same:

NOW, THEREFORE, TO ALL WHOM IT MAY CONCERN: Be it known that, for good and valuable consideration, receipt of which is hereby acknowledged by the undersigned, the undersigned has/have sold, assigned and transferred, and by these presents does/do sell, assign and transfer unto the said Assignee, and Assignee's successors and assigns, all his/her/their rights, title and interest in and to the said invention and application and all future improvements thereon, and in and to any Letters Patent which may hereafter be granted on the same in the United States, the said rights, title and interest to be held and enjoyed by said Assignee as fully and exclusively as it would have been held and enjoyed by said the undersigned had this Assignment and transfer not been made, to the full end and term of any Letters Patent which may be granted thereon, or of any division, renewal, continuation in whole or in part, substitution, conversion, reissue, prolongation or extension thereof.

The undersigned further agrees/agree that he/she/they will, without charge to said Assignee, but at Assignee's expense, cooperate with Assignee in the prosecution of said application and/or applications, execute, verify, acknowledge and deliver all such further papers, including applications for Letters Patent and for the reissue thereof, and instruments of assignment and transfer thereof, and will perform such other acts as Assignee Lawfully may request, to obtain or maintain Letters Patent for said invention and improvement, and to vest title thereto in said Assignee, or Assignee's successors and assigns.

The undersigned hereby acknowledge that any willful false statement made in this declaration is punishable under 18 U.S.C. 1001 by fine or imprisonment of not more than five (5) years, or both.

**DECLARATION AND ASSIGNMENT
FOR UTILITY OR DESIGN PATENT APPLICATION**

Signature: Tuong Luoh Date: 2014/02/05

Legal Name of Sole or First Inventor: Tuong Luoh

Residence: Hsinchu, Taiwan

Mailing Address: c/o No. 16, Li-Hsin Rd., Science-Based Industrial Park, Hsinchu, Taiwan, R.O.C.

Signature: Ling-Wuu Yang Date: 2014/02/05

Legal Name of Additional Joint Inventor, if any: Ling-Wuu Yang

Residence: Hsinchu, Taiwan

Mailing Address: c/o No. 16, Li-Hsin Rd., Science-Based Industrial Park, Hsinchu, Taiwan, R.O.C.

Signature: Ta-Hone Yang Date: 2014/02/05

Legal Name of Additional Joint Inventor, if any: Ta-Hone Yang

Residence: Hsinchu, Taiwan

Mailing Address: c/o No. 16, Li-Hsin Rd., Science-Based Industrial Park, Hsinchu, Taiwan, R.O.C.

Signature: Kuang-Chao Chen Date: 2014/02/05

Legal Name of Additional Joint Inventor, if any: Kuang-Chao Chen

Residence: Hsinchu, Taiwan

Mailing Address: c/o No. 16, Li-Hsin Rd., Science-Based Industrial Park, Hsinchu, Taiwan, R.O.C.