

PATENT ASSIGNMENT

Electronic Version v1.1

Stylesheet Version v1.1

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>Leonard Forbes</td><td>09/26/2007</td></tr><tr><td>Paul A. Farrar</td><td>09/25/2007</td></tr><tr><td>Arup Bhattacharyya</td><td>09/28/2007</td></tr><tr><td>Hussein I. Hanafi</td><td>09/21/2007</td></tr><tr><td>Warren M. Farnworth</td><td>09/24/2007</td></tr></tbody></table>	Name	Execution Date	Leonard Forbes	09/26/2007	Paul A. Farrar	09/25/2007	Arup Bhattacharyya	09/28/2007	Hussein I. Hanafi	09/21/2007	Warren M. Farnworth	09/24/2007	
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Arup Bhattacharyya	09/28/2007												
Hussein I. Hanafi	09/21/2007												
Warren M. Farnworth	09/24/2007												
RECEIVING PARTY DATA													
Name:	Micron Technology, Inc.												
Street Address:	8000 S Federal Way												
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>11867733</td></tr></tbody></table>	Property Type	Number	Application Number:	11867733									
Property Type	Number												
Application Number:	11867733												
CORRESPONDENCE DATA													
Fax Number:	(612)659-9344												
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>													
Phone:	(612) 659-9340												
Email:	reinhard@bipl.net												
Correspondent Name:	Edward J. Brooks III												
Address Line 1:	1221 Nicollet Avenue, Suite 500												
Address Line 4:	Minneapolis, MINNESOTA 55403												
ATTORNEY DOCKET NUMBER:	1004.0070001[06-052200US]												
NAME OF SUBMITTER:	Edward J. Brooks III												

OP \$40.00 11867733

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PATENT
REEL: 019924 FRAME: 0379

Total Attachments: 20

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:

Docket No. 1004.0070001

Leonard Forbes, et al.

Disclosure No. 06-0522

Filed: Concurrently herewith

For : SEMICONDUCTOR DEVICES

ASSIGNMENT

 X Enclosed for recording
 Previously, recorded

Date: _____

Reel: _____

FOR GOOD AND VALUABLE CONSIDERATION, the receipt, sufficiency and adequacy of which are hereby acknowledged, the undersigned does hereby:

SELL, ASSIGN, AND TRANSFER TO Micron Technology, Inc. (the "Assignee"), a corporation of Delaware, having a place of business at 8000 South Federal Way, Boise, Idaho 83716-9632, 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 "SEMICONDUCTOR DEVICES"; 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 of America;

AUTHORIZE AND REQUEST the issuing authority to issue and an all United States and foreign patents granted on such improvements to the Assignee;

Attorney Docket No. 1004.0070001[06-0522.00/US]

WARRANT AND CONVENANT that no assignment, grant mortgage, license, or other agreement affecting the right and property herein conveyed has been or will be made to others by the undersigned, and that full right to convey the same as herein expressed is possessed by the undersigned;

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

STATE OF _____)
) ss.
COUNTY OF _____)

[SEAL}

Page 2 of 4

ASSIGNMENT

Attorney Docket No. 1004.0070001[06-0522.00/US]

Filed **Concurrently Herewith**

Paul A. Farrar Date: _____

STATE OF _____)
) ss.
COUNTY OF _____)

BEFORE ME, this ____ day of _____, 2007 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}

Notary or Consular Officer
My Commission Expires _____

Arup Bhattacharyya Date: _____

STATE OF _____)
) ss.
COUNTY OF _____)

BEFORE ME, this ____ day of _____, 2007 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.

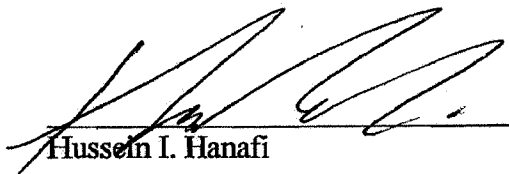
[SEAL}

Notary or Consular Officer
My Commission Expires _____

ASSIGNMENT

Attorney Docket No. 1004.0070001[06-0522.00/US]

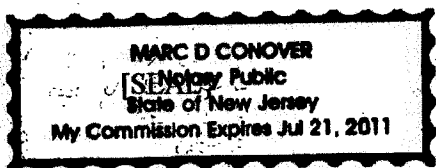
Filed Concurrently Herewith



Hussein I. Hanafi

Date: 9/21/2007

STATE OF New Jersey
COUNTY OF Somerset) ss.

BEFORE ME, this 21st day of September, 2007 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.




Notary or Consular Officer
My Commission Expires July 21, 2011

Warren M. Farnworth Date: _____

STATE OF _____)
COUNTY OF _____) ss.

BEFORE ME, this ____ day of _____, 2007 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]

Notary or Consular Officer
My Commission Expires _____

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:

Docket No. 1004.0070001

Leonard Forbes, et al.

Disclosure No. 06-0522

Filed: Concurrently herewith

For : SEMICONDUCTOR DEVICES

ASSIGNMENT

 X Enclosed for recording

 Previously, recorded

Date: _____

Reel: _____

FOR GOOD AND VALUABLE CONSIDERATION, the receipt, sufficiency and adequacy of which are hereby acknowledged, the undersigned does hereby:

SELL, ASSIGN, AND TRANSFER TO **Micron Technology, Inc.** (the "Assignee"), a corporation of Delaware, having a place of business at 8000 South Federal Way, Boise, Idaho 83716-9632, 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 "**SEMICONDUCTOR DEVICES**"; 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 of America;

AUTHORIZE AND REQUEST the issuing authority to issue and an all United States and foreign patents granted on such improvements to the Assignee;

ASSIGNMENT

Attorney Docket No. 1004.0070001[06-0522.00/US]

Filed Concurrently Herewith

WARRANT AND COVENANT that no assignment, grant mortgage, license, or other agreement affecting the right and property herein conveyed has been or will be made to others by the undersigned, and that full right to convey the same as herein expressed is possessed by the undersigned;

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 improvement in the Assignee;

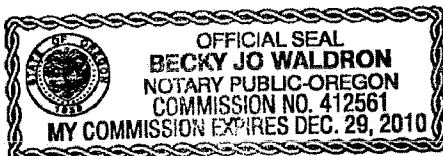
TO BE BINDING on the heirs, assigns, representatives, and successors of the undersigned and extend to the successors, assigns, and nominees of the Assignee.

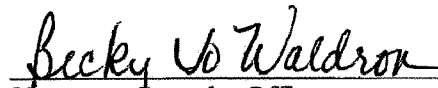

Leonard Forbes Date: 26 Sept 07

STATE OF OREGON
COUNTY OF BENTON) ss.

BEFORE ME, this 26th day of Sept., 2007 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]




Notary or Consular Officer
My Commission Expires _____

ASSIGNMENT

Attorney Docket No. 1004.0070001[06-0522.00/US]

Filed Concurrently Herewith

Paul A. Farrar Date: _____

STATE OF _____)
) ss.
COUNTY OF _____)

BEFORE ME, this ____ day of _____, 2007 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}

Notary or Consular Officer
My Commission Expires _____

Arup Bhattacharyya Date: _____

STATE OF _____)
) ss.
COUNTY OF _____)

BEFORE ME, this ____ day of _____, 2007 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}

Notary or Consular Officer
My Commission Expires _____

ASSIGNMENT

Attorney Docket No. 1004.0070001[06-0522.00/US]

Filed **Concurrently Herewith**

Hussein I. Hanafi

Date: _____

STATE OF _____)
) ss.
COUNTY OF _____)

BEFORE ME, this ____ day of _____, 2007 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}

Notary or Consular Officer
My Commission Expires _____

Warren M. Farnworth

Date: _____

STATE OF _____)
) ss.
COUNTY OF _____)

BEFORE ME, this ____ day of _____, 2007 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}

Notary or Consular Officer
My Commission Expires _____

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:

Docket No. 1004.0070001

Leonard Forbes, et al.

Disclosure No. 06-0522

Filed: Concurrently herewith

For : SEMICONDUCTOR DEVICES

ASSIGNMENT

 X Enclosed for recording
 Previously, recorded

Date: _____

Reel: _____

FOR GOOD AND VALUABLE CONSIDERATION, the receipt, sufficiency and adequacy of which are hereby acknowledged, the undersigned does hereby:

SELL, ASSIGN, AND TRANSFER TO Micron Technology, Inc. (the "Assignee"), a corporation of Delaware, having a place of business at 8000 South Federal Way, Boise, Idaho 83716-9632, 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 "SEMICONDUCTOR DEVICES"; 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 of America;

AUTHORIZE AND REQUEST the issuing authority to issue and an all United States and foreign patents granted on such improvements to the Assignee;

ASSIGNMENT

Attorney Docket No. 1004.0070001[06-0522.00/US]

Filed Concurrently Herewith

WARRANT AND COVENANT that no assignment, grant mortgage, license, or other agreement affecting the right and property herein conveyed has been or will be made to others by the undersigned, and that full right to convey the same as herein expressed is possessed by the undersigned;

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 improvement in the Assignee;

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

Leonard Forbes

Date: _____

STATE OF _____)
) ss.
COUNTY OF _____)

BEFORE ME, this ____ day of _____, 2007 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}

Notary or Consular Officer
My Commission Expires _____

ASSIGNMENT
Attorney Docket No. 1004.0070001[06-0522.00/US]
Filed Concurrently Herewith

Paul A. Farrar
Paul A. Farrar

Date: Sept. 25, 2007

STATE OF Vermont)
COUNTY OF Chittenden) ss.

BEFORE ME, this 25 day of September, 2007 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]

Donna Burnett
Notary or Consular Officer
My Commission Expires My commission expires 2/10/201

Arup Bhattacharyya Date: _____

STATE OF _____)
COUNTY OF _____) ss.

BEFORE ME, this ____ day of _____, 2007 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]

Notary or Consular Officer
My Commission Expires _____

ASSIGNMENT

Attorney Docket No. 1004.0070001[06-0522.00/US]

Filed Concurrently Herewith

Hussein I. Hanafi

Date: _____

STATE OF _____)
) ss.
COUNTY OF _____)

BEFORE ME, this ____ day of _____, 2007 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}

Notary or Consular Officer
My Commission Expires _____

Warren M. Farnworth

Date: _____

STATE OF _____)
) ss.
COUNTY OF _____)

BEFORE ME, this ____ day of _____, 2007 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}

Notary or Consular Officer
My Commission Expires _____

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:

Docket No. 1004.0070001

Leonard Forbes, et al.

Disclosure No. 06-0522

Filed: Concurrently herewith

For : SEMICONDUCTOR DEVICES

ASSIGNMENT

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 Previously, recorded

Date: _____

Reel: _____

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SELL, ASSIGN, AND TRANSFER TO Micron Technology, Inc. (the "Assignee"), a corporation of Delaware, having a place of business at 8000 South Federal Way, Boise, Idaho 83716-9632, 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 "SEMICONDUCTOR DEVICES"; 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 of America;

AUTHORIZE AND REQUEST the issuing authority to issue and an all United States and foreign patents granted on such improvements to the Assignee;

Filed Concurrently Herewith

PATENT
REEL: 019924 FRAME: 0394

ASSIGNMENT
Attorney Docket No. 1004.0070001[06-0522.00/US]
Filed Concurrently Herewith

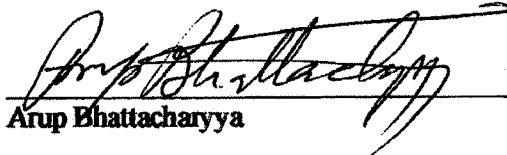
Paul A. Farrar Date: _____

STATE OF _____)
COUNTY OF _____) ss.

BEFORE ME, this ____ day of _____, 2007 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]

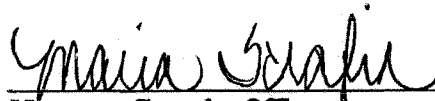
Notary or Consular Officer
My Commission Expires _____


Arup Bhattacharyya Date: 9/28/07

STATE OF Vermont)
COUNTY OF Chittenden) ss.

BEFORE ME, this 28 day of September, 2007 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]


Notary or Consular Officer
My Commission Expires 2-10-2011

ASSIGNMENT

Attorney Docket No. 1004.0070001[06-0522.00/US]

Filed **Concurrently Herewith**

Hussein I. Hanafi

Date: _____

STATE OF _____)
) ss.
COUNTY OF _____)

BEFORE ME, this ____ day of _____, 2007 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}

Notary or Consular Officer
My Commission Expires _____

Warren M. Farnworth

Date: _____

STATE OF _____)
) ss.
COUNTY OF _____)

BEFORE ME, this ____ day of _____, 2007 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}

Notary or Consular Officer
My Commission Expires _____

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:

Docket No. 1004.0070001

Leonard Forbes, et al.

Disclosure No. 06-0522

Filed: Concurrently herewith

For : SEMICONDUCTOR DEVICES

ASSIGNMENT

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Date: _____

Reel: _____

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AUTHORIZE AND REQUEST the issuing authority to issue and an all United States and foreign patents granted on such improvements to the Assignee;

Filed Concurrently Herewith

PATENT
REEL: 019924 FRAME: 0398

ASSIGNMENT
Attorney Docket No. 1004.0070001[06-0522.00/US]
Filed Concurrently Herewith

Paul A. Farrar Date: _____

STATE OF _____)
) ss.
COUNTY OF _____)

BEFORE ME, this ____ day of _____, 2007 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}

Notary or Consular Officer
My Commission Expires _____

Arup Bhattacharyya Date: _____

STATE OF _____)
) ss.
COUNTY OF _____)

BEFORE ME, this ____ day of _____, 2007 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}

Notary or Consular Officer
My Commission Expires _____

ASSIGNMENT

Attorney Docket No. 1004.0070001[06-0522.00/US]

Filed Concurrently Herewith

Hussein I. Hanafi Date: _____

STATE OF _____)
COUNTY OF _____) ss.

BEFORE ME, this ____ day of _____, 2007 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.

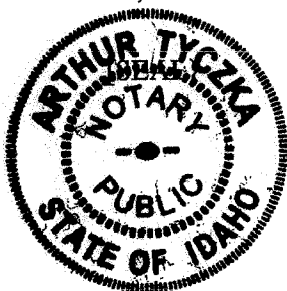
[SEAL]

Notary or Consular Officer
My Commission Expires _____

Warren M. Farnworth Date: 9-24-07
Warren M. Farnworth

STATE OF Idaho)
COUNTY OF Ada) ss.

BEFORE ME, this 24th day of September, 2007 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.



Arthur Tyckka
Notary or Consular Officer
My Commission Expires 3-15-12