

RECORDATION FORM COVER SHEET

06-21-2000

To the Honorable Commissioner of Patent
thereof.

101386488

Original documents or copy

10530 U.S. PTO
09/590795

1. Name of Conveying Party(ies):

Vishnu K. Agarwal, Garo Derderian, Gurtej S. Sandhu,
Weimin M. Li, Mark Visokay, Cem Basceri, Sam YangAdditional name(s) of conveying party(ies) attached? ☐ YES ☒ NO

2. Name and address of receiving party(ies):

Name: Micron Technology, Inc.

Internal Address:

3. Nature of Conveyance:

☒ Assignment☐ Merger☐ Security Agreement☐ Change of Name☐ Other

Street Address: 8000 S. Federal Way

Execution Date: May 3, 2000, May 1, 2000, May 2,
2000, May 1, 2000, April 29,
2000, May 1, 2000, May 3, 2000,
respectivelyCity Boise State Idaho ZIP 83706-
9632Additional name(s) & address(es) attached? ☐ Yes ☒ No

4. Application number(s) or patent number(s):

If this document is being filed together with a new application, the execution date of the application is: May 3, 2000, May 1, 2000, May 2, 2000, May 1, 2000, April 29, 2000, May 1, 2000, May 3, 2000, respectively

A. Patent Application No.(s)

B. Patent No.(s)

Additional numbers attached? ☐ Yes ☒ No5. Name and address of party to whom correspondence
concerning document should be mailed:

Name: Michael D. Jones

Klarquist Sparkman Campbell Leigh & Whinston, LLP

Internal Address:

One World Trade Center, Suite 1600

Street Address:

121 S.W. Salmon Street

City Portland State Oregon ZIP 97204-2988

6. Total number of applications and patents involved: 1

7. Total fee (37 C.F.R. § 3.41): \$40.00 Enclosed

8. ☒ Any deficiency/overpayment is authorized to be
charged to deposit account 02-4550

DO NOT USE THIS SPACE

9. Statement and signature.

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true
copy of the original document.

Michael D. Jones

June 8, 2000

Name of Person Signing

Signature

Date

Total number of pages including cover sheet, attachments and document: 7

OMB No. 0651-0011 (exp. 4/94)

A S S I G N M E N T

WHEREAS, we, Vishnu K. Agarwal, of Boise, County of Ada, State of Idaho, Garo Derderian, of Boise, County of Ada, State of Idaho, Gurtej S. Sandhu, of Boise, County of Ada, State of Idaho, Weimin M. Li, of Boise, ~~County of Ada, State of Idaho~~, *of Richardson, County of Collin, State of Texas*, Mark Visokay, ~~of Boise, County of Ada, State of Idaho~~, Cem Basceri, of Boise, County of Ada, State of Idaho, and Sam Yang, of Boise, County of Ada, State of Idaho, have invented a certain invention, entitled METHODS FOR FORMING AND INTEGRATED CIRCUIT STRUCTURES CONTAINING RUTHENIUM AND TUNGSTEN CONTAINING LAYERS, for which we are making application for Letters Patent of the United States, said application having been executed by us on the 28th day of April, 2000; and

WHEREAS, Micron Technology, Inc., a corporation organized under the laws of the State of Delaware, having a place of business at 8000 S. Federal Way, Boise, Idaho 83706-9632, desires to acquire an interest therein:

NOW, THEREFORE, in consideration of good and valuable consideration, the receipt of which is hereby acknowledged, we, Vishnu K. Agarwal, Garo Derderian, Gurtej S. Sandhu, Weimin M. Li, Mark Visokay, Cem Basceri, and Sam Yang, hereby sell, assign and transfer to Micron Technology, Inc., the full and exclusive right, title and interest in and to said invention, patent application and patent rights throughout the world, including foreign patent priority rights, the right to file and prosecute International Applications under the Patent

Cooperation Treaty, and the right to file and prosecute applications under the European Patent Convention; said invention, application and letters patent in this or any foreign country, and all divisions, continuations, reissues and extensions thereof, to be held and enjoyed by Micron Technology, Inc., for its own use and benefit, and for its successors and assigns to the full end of the term for which letters patent may be granted in this or any foreign country, as fully and entirely as the same would have been held by me had this assignment and sale not been made, and covenant that we have full right so to do, and agree that we will communicate to Micron Technology, Inc., or its successors and assigns, any facts known to us respecting said invention, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuing and reissue applications, make all rightful oaths, and do everything possible to aid Micron Technology, Inc., its successors and assigns to obtain and enforce proper patent protection for said invention in this or any foreign country.

Executed at the place and date opposite our respective signatures below.

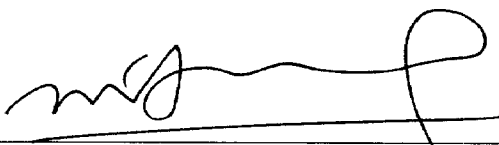
At 3rd May, 2000 Boise, ID
(City and State)

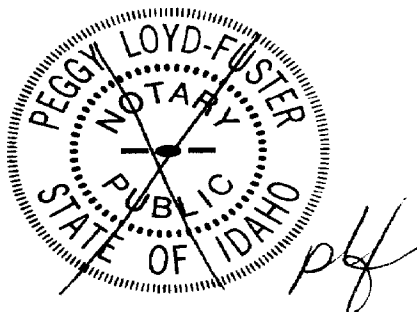
on this 3rd day of May, 2000.

STATE OF IDAHO)

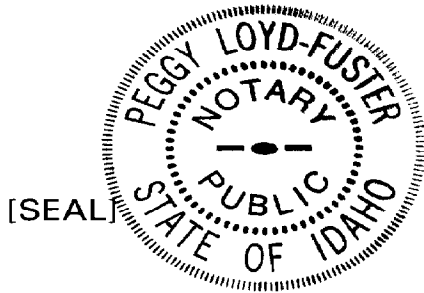
COUNTY OF ADA)

ss.


 Vishnu K. Agarwal



This 1 day of May, 2000, before me personally came the above-named Vishnu K. Agarwal, who executed the foregoing instrument in my presence, and who acknowledged to me that he executed the same of his own free will for the purposes set forth therein.



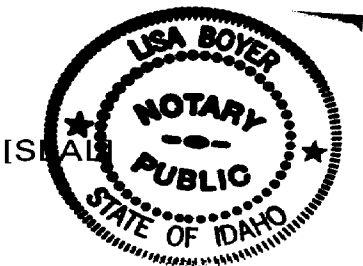
Peggy Loyd-Fuster
Notary Public For Idaho
My commission expires: 4/1/2003

Garro Derderian
Garro Derderian

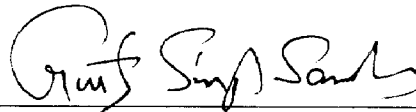
At Boise, ID
(City and State)
on this 1 day of MAY, 2000.

STATE OF IDAHO)
) ss.
COUNTY OF ADA)

This 1 day of May, 2000, before me personally came the above-named Garro Derderian, who executed the foregoing instrument in my presence, and who acknowledged to me that he executed the same of his own free will for the purposes set forth therein.



Lisa Boyer
Notary Public For 1-9-2002
My commission expires:



Gurtej S. Sandhu

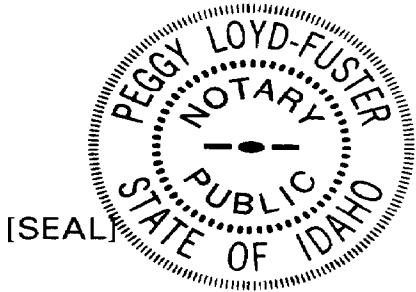
At _____

(City and State)

on this 2 day of May, 2000.

STATE OF IDAHO)
)
 COUNTY OF ADA) ss.

This 2 day of May, 2000, before me personally came the above-named Gurtej S. Sandhu, who executed the foregoing instrument in my presence, and who acknowledged to me that he executed the same of his own free will for the purposes set forth therein.




Notary Public For 4/1/2003
 My commission expires:



Weimin M. Li

At May 1, 2000

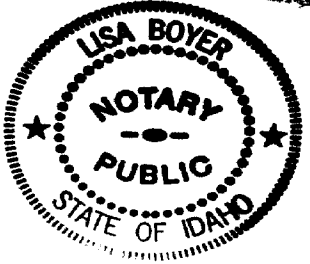
(City and State)

on this ___ day of _____, 2000.

STATE OF IDAHO)
)
 COUNTY OF ADA) ss.

This 1 day of May, 2000, before me personally came the above-named Weimin M. Li, who executed the foregoing instrument in my presence, and who acknowledged to me that he executed the same of his own free will for the purposes set forth therein.

[SEAL]



Lisa Boyer
Notary Public For TX

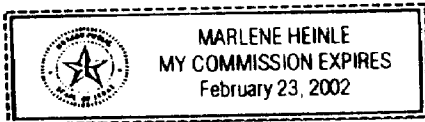
My commission expires: 02-23-02

At Warland TX
(City and State)

on this 29 day of April, 2000.

STATE OF ~~IDAHO~~ TX)
COUNTY OF ~~ADA~~ DALLAS) ss.

This 29 day of April, 2000, before me personally came the above-named Mark Visokay, who executed the foregoing instrument in my presence, and who acknowledged to me that he executed the same of his own free will for the purposes set forth therein.



[SEAL]

Marlene Heinle
Notary Public For TX

My commission expires: 02-23-02

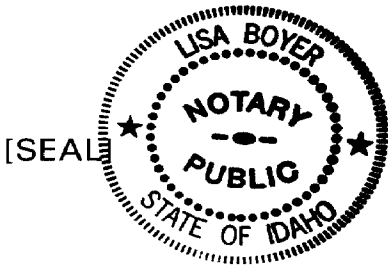
At Boise, ID
(City and State)

on this 1st day of May, 2000.

Cem Basceri
Cem Basceri

STATE OF IDAHO)
) ss.
 COUNTY OF ADA)

This 1 day of May, 2000, before me personally came the above-named Cem Basceri, who executed the foregoing instrument in my presence, and who acknowledged to me that he executed the same of his own free will for the purposes set forth therein.



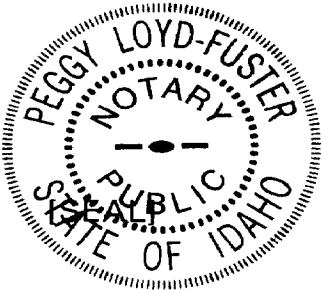
Lisa Boyer
 Notary Public For _____
 My commission expires: 1-9-2001

At Boise, ID
 (City and State)
 on this 3 day of May, 2000.

Sam Yang
 Sam Yang

STATE OF IDAHO)
) ss.
 COUNTY OF ADA)

This ___ day of _____, 2000, before me personally came the above-named Sam Yang, who executed the foregoing instrument in my presence, and who acknowledged to me that he executed the same of his own free will for the purposes set forth therein.



Peggy Loyd-Fuster
 Notary Public For Idaho
 My commission expires: 4-1-2003

A S S I G N M E N T

WHEREAS, we, Vishnu K. Agarwal, of Boise, County of Ada, State of Idaho, Garo Derderian, of Boise, County of Ada, State of Idaho, Gurtej S.

Sandhu, of Boise, County of Ada, State of Idaho, Weimin M. Li, of Boise,
 County of Ada, State of Idaho, Mark Visokay, ~~of Boise, County of Ada, State of~~ *of Richardson, County of Collin, State of Texas*

~~Idaho~~, Cem Basceri, of Boise, County of Ada, State of Idaho, and Sam Yang, of Boise, County of Ada, State of Idaho, have invented a certain invention, entitled METHODS FOR FORMING AND INTEGRATED CIRCUIT STRUCTURES

CONTAINING RUTHENIUM AND TUNGSTEN CONTAINING LAYERS, for which

we are making application for Letters Patent of the United States, said application having been executed by us on the 23rd day of April, 2000;

and

WHEREAS, Micron Technology, Inc., a corporation organized under the laws of the State of Delaware, having a place of business at 8000 S. Federal Way, Boise, Idaho 83706-9632, desires to acquire an interest therein:

NOW, THEREFORE, in consideration of good and valuable consideration, the receipt of which is hereby acknowledged, we, Vishnu K. Agarwal, Garo Derderian, Gurtej S. Sandhu, Weimin M. Li, Mark Visokay, Cem Basceri, and Sam Yang, hereby sell, assign and transfer to Micron Technology, Inc., the full and exclusive right, title and interest in and to said invention, patent application and patent rights throughout the world, including foreign patent priority rights, the right to file and prosecute International Applications under the Patent

Cooperation Treaty, and the right to file and prosecute applications under the European Patent Convention; said invention, application and letters patent in this or any foreign country, and all divisions, continuations, reissues and extensions thereof, to be held and enjoyed by Micron Technology, Inc., for its own use and benefit, and for its successors and assigns to the full end of the term for which letters patent may be granted in this or any foreign country, as fully and entirely as the same would have been held by me had this assignment and sale not been made, and covenant that we have full right so to do, and agree that we will communicate to Micron Technology, Inc., or its successors and assigns, any facts known to us respecting said invention, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuing and reissue applications, make all rightful oaths, and do everything possible to aid Micron Technology, Inc., its successors and assigns to obtain and enforce proper patent protection for said invention in this or any foreign country.

Executed at the place and date opposite our respective signatures below.

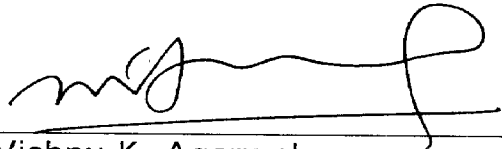
At 3rd May, 2000 Boise, ID
(City and State)

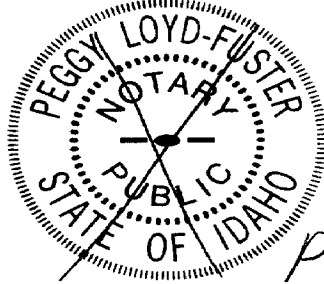
on this 3rd day of May, 2000.

STATE OF IDAHO)

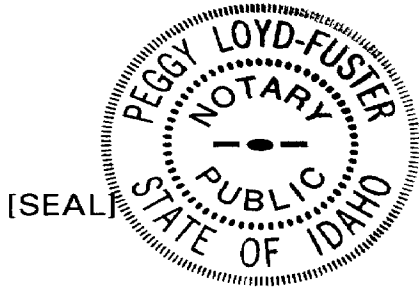
COUNTY OF ADA)

ss.


 Vishnu K. Agarwal



This 1 day of May, 2000, before me personally came the above-named Vishnu K. Agarwal, who executed the foregoing instrument in my presence, and who acknowledged to me that he executed the same of his own free will for the purposes set forth therein.



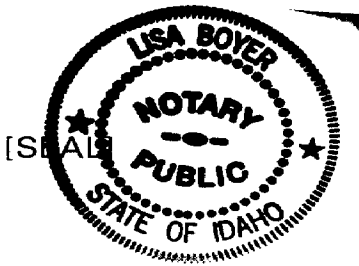
Peggy Loyd-Fuster
Notary Public For Idaho
My commission expires: 4/1/2003

Garo Derderian
Garo Derderian

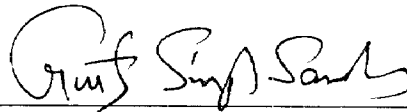
At Boise, ID
(City and State)
on this 1 day of MAY, 2000.

STATE OF IDAHO)
COUNTY OF ADA) ss.

This 1 day of May, 2000, before me personally came the above-named Garo Derderian, who executed the foregoing instrument in my presence, and who acknowledged to me that he executed the same of his own free will for the purposes set forth therein.



Lisa Boyer
Notary Public For 1-9-2003
My commission expires:



Gurtej S. Sandhu

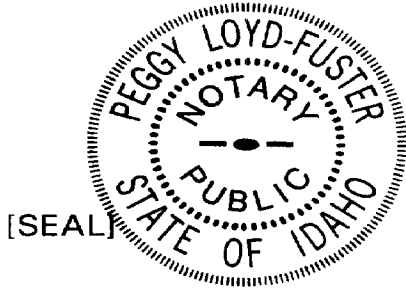
At _____

(City and State)

on this 2 day of May, 2000.

STATE OF IDAHO)
) ss.
 COUNTY OF ADA)

This 2 day of May, 2000, before me personally came the above-named Gurtej S. Sandhu, who executed the foregoing instrument in my presence, and who acknowledged to me that he executed the same of his own free will for the purposes set forth therein.



Notary Public For 4/1/2003

My commission expires:



Weimin M. Li

At May 1, 2000

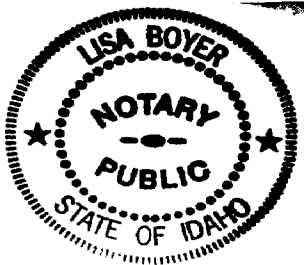
(City and State)

on this ____ day of _____, 2000.

STATE OF IDAHO)
) ss.
 COUNTY OF ADA)

This 1 day of May, 2000, before me personally came the above-named Weimin M. Li, who executed the foregoing instrument in my presence, and who acknowledged to me that he executed the same of his own free will for the purposes set forth therein.

[SEAL]



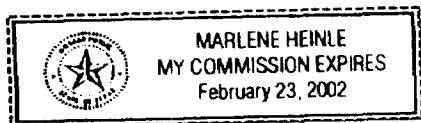
Lisa Boyer
 Notary Public For ~~TX~~
 My commission expires: ~~02-23-02~~
 1-9-2002

At Warland TX
 (City and State)
 on this 29 day of April, 2000.

Mark Visokay
 Mark Visokay

STATE OF ~~IDAHO~~ TX)
 COUNTY OF ~~ADA~~ DALLAS) ss.

This 29 day of April, 2000, before me personally came the above-named Mark Visokay, who executed the foregoing instrument in my presence, and who acknowledged to me that he executed the same of his own free will for the purposes set forth therein.



Marlene Heinle
 Notary Public For ~~TX~~
 My commission expires: ~~02-23-02~~

[SEAL]

At Boise, ID
 (City and State)
 on this 1st day of May, 2000.

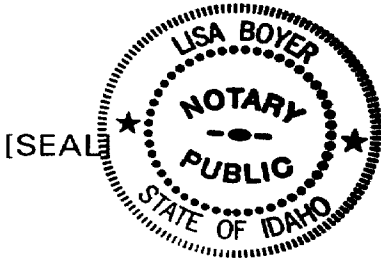
Cem Basceri
 Cem Basceri

STATE OF IDAHO)

) ss.

COUNTY OF ADA)

This 1 day of May, 2000, before me personally came the above-named Cem Basceri, who executed the foregoing instrument in my presence, and who acknowledged to me that he executed the same of his own free will for the purposes set forth therein.



Lisa Boyer
Notary Public For _____

My commission expires: 1-9-2002

At Boise, ID

(City and State)

on this 3 day of May, 2000.

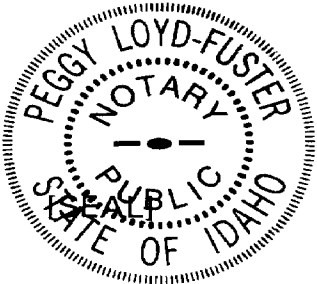
Sam Yang
Sam Yang

STATE OF IDAHO)

) ss.

COUNTY OF ADA)

This ___ day of _____, 2000, before me personally came the above-named Sam Yang, who executed the foregoing instrument in my presence, and who acknowledged to me that he executed the same of his own free will for the purposes set forth therein.



Peggy Loyd-Fuster
Notary Public For Idaho

My commission expires: 4-1-2003

MICRON TECHNOLOGY, INC.
CERTIFIED COPY OF RESOLUTIONS

I, Jan R. Reimer, the Assistant Secretary of Micron Technology, Inc. do hereby certify, that the resolutions attached hereto represent a complete, true and correct copy of the resolutions duly adopted by the Board of Directors of Micron Technology, Inc. (the "Corporation"), a corporation duly organized and existing under the laws of the State of Delaware, at a meeting duly held on March 25, 1996, a quorum being present, and have been entered into the minutes of said meeting; that I am the keeper of the corporate seal and of the minutes and records of this Corporation; and that said resolutions have not been rescinded or modified.

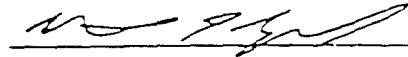
The resolutions attached hereto are in conformity with the Certificate of Incorporation and Bylaws of the Corporation and are now in full force and effect.

I further certify that the person whose name and signature is set out below is the person authorized to act for said Corporation in transactions with and pursuant to the foregoing resolutions, and that such person is now duly qualified and acting in his respective capacity:

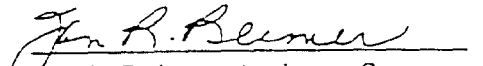
NAME AND TITLE

Michael L. Lynch, Chief Patent Counsel

SIGNATURE



IN WITNESS WHEREOF, I have hereunto subscribed my name and affixed the seal of the said Corporation, this 24th day of August, 1998.


Jan R. Reimer, Assistant Secretary

MICRON TECHNOLOGY, INC.
BOARD OF DIRECTORS RESOLUTIONS

WHEREAS, certain key employees require the authority to execute certain documents on behalf of the Company in order to enable them to effectively and efficiently carry out their responsibilities and duties to the Company.

NOW THEREFORE BE IT RESOLVED, that the Board hereby approves and authorizes Mr. Michael L. Lynch, Assistant General Counsel for Intellectual Property, to execute on behalf of the Company, documents pertaining to the Company's patent prosecution matters, including but not limited to documents relating to representation before a patent examining authority, patent terms and other patent prosecution procedures, both in the United States and other countries, upon such terms and conditions as the General Counsel of the Company shall deem necessary or appropriate.