

09-11-2006

ET

Atty Ref/Docket No.: 1303.182US1

Patent and Trademark Office

To the Honorable Commissioner of Patents and Trademarks, I have attached original documents or copy thereof.

1. Name of conveying party(ies):

Leonard Forbes, Kie Y. Ahn and Arup Bhattacharyya

Additional name(s) of conveying party(ies) attached?

[] Yes [X] No

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

Name: Micron Technology, Inc.

Street Address: 8000 So. Federal Way

City: Boise State: ID Zip: 83716-9632

Additional name(s) & address(es) attached? [] Yes [X] No

3. Nature of conveyance:

[X] Assignment

[] Merger

[] Security Agreement [] Change of Name

[] Other

Execution Date: August 22, 2006, August 21, 2006,
August 21, 2006112935 U.S. PTO
11/514545
083106

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: August 22, 2006,
August 21, 2006, August 21, 2006

A. Patent Application No.(s)

B. Patent No.(s)

Additional numbers attached? [] Yes [X] No

5. Name and address of party to whom correspondence concerning document should be mailed:

Name: David R. Cochran

Address:

SCHWEGMAN LUNDBERG WOESSNER &
KLUTH, P.A.

P.O. Box 2938

1600 TCF Tower

121 South Eighth Street

Minneapolis, Minnesota 55402

6. Total number of applications and patents involved: 17. Total fee (37 CFR 3.41): \$ 40.00

[] Enclosed

[X] Authorized to be charged to deposit account

8. Please charge any additional fees or credit any over payments to our Deposit Account No.: 19-0743

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.

David R. Cochran/Reg. No. 46,632

Name of Person Signing

Signature

Date

Total number of pages including cover sheet: 13

Mail documents to be recorded with required cover sheet information to:

Commissioner of Patents and Trademarks
Mail Stop Assignment Recordation Services
P.O. Box 1450
Alexandria, VA 22313-1450

11514545

0000008690743

31 August 2006

09/08/2006

01 FC:8021

PATENT

REEL: 018270 FRAME: 0185

ASSIGNMENT

WHEREAS, We, Leonard Forbes, residing at 7340 NW Mountain View Drive, Corvallis, OR 97330-9113, and Kie Y. Ahn, residing at 639 Quaker St., Chappaqua, NY 10514, and Arup Bhattacharyya, residing at 18 Glenwood Drive, Essex Junction, VT 05452, made certain new and useful inventions and improvements for which we executed an application for Letters Patent of the United States on even date herewith, which is entitled TANTALUM LANTHANIDE OXYNITRIDE FILMS;

AND WHEREAS, Micron Technology, Inc., a corporation organized and existing under and by virtue of the laws of the State of Delaware, and having an office and place of business at 8000 So. Federal Way, Boise, ID 83716-9632 (hereinafter "Assignee"), is desirous of acquiring the entire right, title and interest in and to said inventions, improvements and application and in and to the Letters Patent to be obtained therefor;

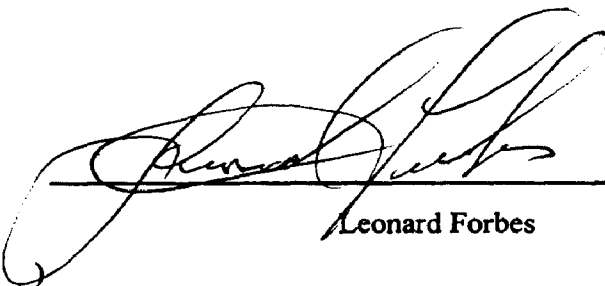
NOW, THEREFORE, to all whom it may concern, be it known that for good and valuable consideration, the receipt and sufficiency whereof is hereby acknowledged, we have sold, assigned, and transferred, and by these presents do sell, assign and transfer unto said Assignee, its successors or assigns, the entire right, title and interest for all countries in and to all inventions and improvements disclosed in the aforesaid application, and in and to the said application, all divisions, continuations, continuations-in-part, or renewals thereof, all Letters Patent which may be granted there from, and all reissues or extensions of such patents, and in and to any and all applications which have been or shall be filed in any foreign countries for Letters Patent on the said inventions and improvements, including an assignment of all rights under the provisions of the International Convention, and all Letters Patent of foreign countries which may be granted there from; and we do hereby authorize and request the Commissioner of Patents and Trademarks to issue any and all United States Letters Patent for the aforesaid inventions and improvements to the said Assignee as the assignee of the entire right, title and interest in and to the same, for the use of the said Assignee, its successors and assigns.

AND, for the consideration aforesaid, we do hereby agree that we and our executors and legal representatives will make, execute and deliver any and all other instruments in writing including any and all further application papers, affidavits, assignments and other documents, and will communicate to said Assignee, its successors and representatives all facts known to us relating to said improvements and the history thereof and will testify in all legal proceedings and generally do all things which may be necessary or desirable more effectually to secure to and vest in said Assignee, its successors or assigns the entire right, title and interest in and to the said improvements, inventions, applications, Letters Patent, rights, titles, benefits, privileges and advantages hereby sold, assigned and conveyed, or intended so to be.

AND, furthermore, we covenant and agree with said Assignee, its successors and assigns, that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been made to others by us and that full right to convey the same as herein expressed is possessed by us.

IN TESTIMONY WHEREOF, I have hereunto set my hand this 22nd day of

Aug, 2006.

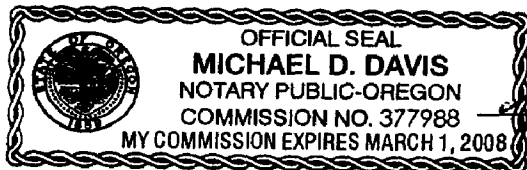

Leonard Forbes

STATE OF Oregon

)ss

COUNTY OF Benton

On this 22nd day of August, 2006 before me personally appeared Leonard Forbes, to me known and known to me to be the person described in and who executed the foregoing instrument, and he/she duly acknowledged to me that he/she executed the same for the uses and purposes therein set forth.




Notary Public

IN TESTIMONY WHEREOF, I have hereunto set my hand this ____ day of

_____, 2006.

Kie Y. Ahn

STATE OF _____)

)ss

COUNTY OF _____)

On this _____ day of _____, 2006 before me personally appeared Kie Y. Ahn, to
me known and known to me to be the person described in and who executed the foregoing instrument,
and he/she duly acknowledged to me that he/she executed the same for the uses and purposes therein set
forth.

[SEAL]

Notary Public

IN TESTIMONY WHEREOF, I have hereunto set my hand this ____ day of

_____, 2006.

Arup Bhattacharyya

STATE OF _____)

)ss

COUNTY OF _____)

On this _____ day of _____, 2006 before me personally appeared Arup Bhattacharyya, to me known and known to me to be the person described in and who executed the foregoing instrument, and he/she duly acknowledged to me that he/she executed the same for the uses and purposes therein set forth.

[SEAL]

Notary Public

ASSIGNMENT

WHEREAS, We, Leonard Forbes, residing at 7340 NW Mountain View Drive, Corvallis, OR 97330-9113, and Kie Y. Ahn, residing at 639 Quaker St., Chappaqua, NY 10514, and Arup Bhattacharyya, residing at 18 Glenwood Drive, Essex Junction, VT 05452, made certain new and useful inventions and improvements for which we executed an application for Letters Patent of the United States on even date herewith, which is entitled TANTALUM LANTHANIDE OXYNITRIDE FILMS;

AND WHEREAS, Micron Technology, Inc., a corporation organized and existing under and by virtue of the laws of the State of Delaware, and having an office and place of business at 8000 So. Federal Way, Boise, ID 83716-9632 (hereinafter "Assignee"), is desirous of acquiring the entire right, title and interest in and to said inventions, improvements and application and in and to the Letters Patent to be obtained therefor;

NOW, THEREFORE, to all whom it may concern, be it known that for good and valuable consideration, the receipt and sufficiency whereof is hereby acknowledged, we have sold, assigned, and transferred, and by these presents do sell, assign and transfer unto said Assignee, its successors or assigns, the entire right, title and interest for all countries in and to all inventions and improvements disclosed in the aforesaid application, and in and to the said application, all divisions, continuations, continuations-in-part, or renewals thereof, all Letters Patent which may be granted there from, and all reissues or extensions of such patents, and in and to any and all applications which have been or shall be filed in any foreign countries for Letters Patent on the said inventions and improvements, including an assignment of all rights under the provisions of the International Convention, and all Letters Patent of foreign countries which may be granted there from; and we do hereby authorize and request the Commissioner of Patents and Trademarks to issue any and all United States Letters Patent for the aforesaid inventions and improvements to the said Assignee as the assignee of the entire right, title and interest in and to the same, for the use of the said Assignee, its successors and assigns.

AND, for the consideration aforesaid, we do hereby agree that we and our executors and legal representatives will make, execute and deliver any and all other instruments in writing including any and all further application papers, affidavits, assignments and other documents, and will communicate to said Assignee, its successors and representatives all facts known to us relating to said improvements and the history thereof and will testify in all legal proceedings and generally do all things which may be necessary or desirable more effectually to secure to and vest in said Assignee, its successors or assigns the entire right, title and interest in and to the said improvements, inventions, applications, Letters Patent, rights, titles, benefits, privileges and advantages hereby sold, assigned and conveyed, or intended so to be.

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IN TESTIMONY WHEREOF, I have hereunto set my hand this _____ day of

_____, 2006.

Leonard Forbes

STATE OF _____)

)ss

COUNTY OF _____)

On this _____ day of _____, 2006 before me personally appeared Leonard Forbes, to me known and known to me to be the person described in and who executed the foregoing instrument, and he/she duly acknowledged to me that he/she executed the same for the uses and purposes therein set forth.

[SEAL]

Notary Public

IN TESTIMONY WHEREOF, I have hereunto set my hand this 21st day of

August, 2006.

Kie Y Ahn

Kie Y. Ahn

STATE OF New York)

)ss

COUNTY OF Westchester)

On this 21st day of August, 2006 before me personally appeared Kie Y. Ahn, to
me known and known to me to be the person described in and who executed the foregoing instrument,
and he/she duly acknowledged to me that he/she executed the same for the uses and purposes therein set
forth.

ANGELLA R. HENRY
Notary Public, State of New York
No. 01HE6031500
Qualified in Westchester County
Commission Expires Oct. 4, 2007

[SEAL]

Angella R. Henry
Notary Public

IN TESTIMONY WHEREOF, I have hereunto set my hand this _____ day of _____, 2006.

Arup Bhattacharyya

STATE OF _____)
)ss
COUNTY OF _____)

On this _____ day of _____, 2006 before me personally appeared Arup Bhattacharyya, to me known and known to me to be the person described in and who executed the foregoing instrument, and he/she duly acknowledged to me that he/she executed the same for the uses and purposes therein set forth.

[SEAL]

Notary Public

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IN TESTIMONY WHEREOF, I have hereunto set my hand this _____ day of _____, 2006.

Leonard Forbes

STATE OF _____)
)ss
COUNTY OF _____)

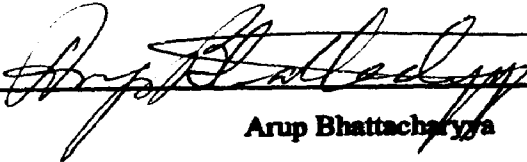
On this _____ day of _____, 2006 before me personally appeared Leonard Forbes, to me known and known to me to be the person described in and who executed the foregoing instrument, and he/she duly acknowledged to me that he/she executed the same for the uses and purposes therein set forth.

[SEAL]

Notary Public

IN TESTIMONY WHEREOF, I have hereunto set my hand this 21 day of

August, 2006.

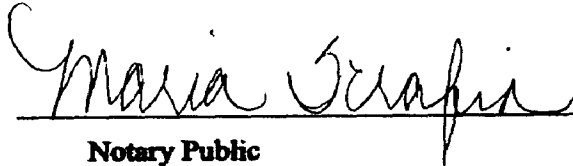

Arup Bhattacharyya

STATE OF Vermont,

COUNTY OF Chittenden)ss

On this 21 day of August, 2006 before me personally appeared Arup Bhattacharyya, to me known and known to me to be the person described in and who executed the foregoing instrument, and he/she duly acknowledged to me that he/she executed the same for the uses and purposes therein set forth.

[SEAL]


Notary Public
