03-05-1999

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Form 1-31/9		ET U.S. DEPARTMENT OF COMMERCE Patent and Trademark Office	
To	the Honorable Commissioner of Patents 1009	79568 original documents or copy thereof	
1.	Name of Conveying Part(ies): Stefan Uhlenbrock Brian A. Vaartstra	2. Name and address of receiving party(les): Name: Micron Technology, inc. Party internal Address:	
Additional name(s) of conveying party(les) attached?			
3.	Nature of conveyance: Assignment	Street Address: 8000 S. Federal Way	
Ex	ecution Date: February 11, 1999	City: <u>Boles</u> State: <u>ID</u> Zip: <u>83708-9632</u> Additional names(s) & address(es) attached: □ Yes ty No	
4.	Application number(s) or patent number(s): If this document is being filed together with a r February 11. 1999 A. Patent Application No.(s):	ew application, the execution date of the application is: 09253,307 B. Patent No.(a)	
	onel numbers attached: Yes SL No	Additional numbers attached:	
	Name and address of party to whom correspondence concerning document should be mailed: Name: David G. Latwesen, Ph.D.	6. Total number of applications and patents involved	
	Internal Address: Wells, St. John, Roberts.	7. Total fee (37 CFR 3.41)	
	Greet Address: 501 W, First Avenue, Sts. 1300	8. Deposit account number 23-0925	
	City: Spokane State: WA Zip: 99201-3828	(Attach duplicate copy of this page if paying by deposit account)	
	DO NOT	USE THIS SPACE	
9.	Statement and Signature. To the best of my knowledge and belief, the foregoing informat document. Bavid G. Letwessen. Ph.B. Name of Person Signing	ion is true and correct and any attached copy is a true copy of the original. 7//9/9 ty Signature Date	
	TOTAL NUMBER OF PAGES INCLUDIN	G COVER SHEET, ATTACHMENTS AND DOCUMENT: 5	
ON not detach this portion			
	Mail documents to be recorded with required cover sheet information to: Assistant Commissioner for Patents Box Assignments Washington, D.C. 20231 Public burden reporting for this sample cover sheet is estimated to average about 30 minutes per document to be recorded,		
	including time for reviewing the document and gathering	he data needed, and completing and reviewing the sample cover he U.S. Patent and Trademark Office, Office of Information Office of Management and Budget, Paperwork Reduction Project	

M1221038.A52

PATENT STANDARD PATENT STANDAR

ASSI PARTIES TO THE ASSIGNMENT: INVENTORS:

Stefan Uhlenbrock

Brian A. Vaartstra

ASSIGNEE:

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Micron Technology, Inc. Corporation of the State of Delaware 8000 South Federal Way Boise, Idaho 83706-9632

BACKGROUND OF THIS ASSIGNMENT:

INVENTORS have conceived certain new and useful inventions disclosed in a United States patent application titled Solutions Of Metal-Comprising Materials, Methods Of Forming Metal-Comprising Layers, Methods Of Storing Metal-Comprising Materials, Methods Of Forming Capacitors.

ASSIGNMENT

MICRON TECHNOLOGY, INC. desires to acquire the entire right, title and interest in said inventions and with respect to any Letters Patent that may be granted with respect to the inventions in both the United States and in all foreign countries.

THE PARTIES AGREE AS FOLLOWS:

In consideration of good and valuable consideration, the receipt. sufficiency and adequacy of which is hereby acknowledged, INVENTORS hereby sell, assign and transfer to MICRON TECHNOLOGY, INC. the entire right, title and interest in the above-identified application executed currently

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with this assignment and to any reissues, renewals, divisions or continuations thereof, and hereby authorizes the Commissioner of Patents and Trademarks to issue such Letters Patent to MICRON TECHNOLOGY, INC., for the sole use of MICRON TECHNOLOGY, INC., its successors or assigns.

INVENTORS further agree to execute, at the request and expense of MICRON TECHNOLOGY, INC. such other formal documents as may be required to fully convey the interest transferred herein and will similarly execute any application papers required for the filing of any division, continuation, renewal or reissue of the patent application or resulting Letters Patent; and will generally do everything necessary or desirable to obtain and enforce proper protection for the inventions assigned hereby.

INVENTORS further assign to MICRON TECHNOLOGY, INC. the whole right, title and interest in the inventions disclosed in the application throughout all countries foreign to the United States. MICRON TECHNOLOGY, INC. is hereby authorized to apply for patents relating to the inventions in its own name in countries where such procedure is proper; to claim the benefit of the International Convention; to file and prosecute International Applications relating to the inventions under the Patent Cooperation Treaty; and to file and prosecute applications relating to the inventions under the European Patent Convention. INVENTORS agree to execute applications relating to the inventions in those countries and under those conventions where it is necessary that the same be executed by the inventor, and to execute assignments of such applications and the resulting

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Letters Patent to MICRON TECHNOLOGY, INC. as well as all other necessary papers in relation to such applications and Letters Patent.

INVENTORS further 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 rights 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 Assignees.

Date: 11 Felt 99

County of

day of tebruary BEFORE ME, this appeared the above-named inventor, 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: 1-9-2000

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,	(Signature)
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,	State of) ss.
4	County of <u>ada</u>)
5	BEFORE ME, this day of 19 personally appeared the above-named inventor, to me known to be the person who is
6	described in and who executed the foregoing assignment instrument and
7	acknowledged to me that he/she executed the same of his/her own free will for the purpose therein expressed.
	SEAL BOYES
,	HOTARY
10	Notary or Consular Officer
"	My Commission Expires: 1-9-200 >
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RECORDED: 02/19/1999