FORM PTC=1595 (Rev. 6-93) OMB No. 0651-0011 (exp. 4/94)	32 SHEET U.S. DEPARTMENT OF COMMERCE
Tab settings $\Rightarrow \Rightarrow \blacksquare$ '	$\bullet EV077385894$
1. Name of conveying party(ies): 10212254	د. الاعتباط address of receiving party(ies):
Ross S. Dando Allen P. Mardian	Name: Micron Technology, Inc.
Craig M. Carpenter	
Philip H. Campbell 4-24-22	Internal Address:
Additional name(s) of conveying party(ies) attached? 🗌 Yes 🔀 No	
3. Nature of conveyance:	
X Assignment Merger	Street Address: 8000 South Federal Way
	Street Address: <u>8000 South Federal Way</u>
Other	City: Boise State: ID ZIP: 83716
Execution Date: <u>April 9, 2002</u>	Additional name(s) & address(es) attached? 🔲 Yes 🖾 No
 Application number(s) or patent number(s): If this document is being filed together with a new application A. Patent Application No.(s) 10,132767 	n, the execution date of the application is: <u>April 9, 2002</u> B. Patent No.(s)
Additional numbers atta	ched? Yes X No
 Name and address of party to whom correspondence concerning document should be mailed: 	6. Total number of applications and patents involved:
Name: Mark S. Matkin	7. Total fee (37 CFR 3.41) ⊅ <u>40.00</u>
Internal Address: Wells St. John P.S.	X Enclosed
	Authorized to be charged to deposit account
Street Address: <u>601 West First Avenue, Suite 1300</u>	8. Deposit account number: 23-0925
City Spokane State: WA ZIP: 99201-382	8. (Attach duplicate copy of this page if paying by deposit account)
City: Spokane State: WA ZIP: 22201-302	USE THIS SPACE
9. Statement and signature. To the best of my knowledge and belief, the foregoing inform	mation is true and correct and any attached copy is a true copy of $\mathcal{U} = 2\mathcal{U} - \mathcal{U}^2$
the original document.	Cart Date
Mark S. Matkin	Signature
Name of Person Signing Total number of pages including	cover sheet, attachments, and document:
Mail documents to be recorded w Commissioner of Patents	& Trademarks, Box Assignments
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	PATENT
	REEL: 012977 FRAME: 0144

EV077385894

ASSIGNMENT

PARTIES TO THE ASSIGNMENT:

INVENTORS:

Ross S. Dando Craig M. Carpenter Philip H. Campbell Allen P. Mardian

ASSIGNEE:

Micron Technology, Inc. Corporation of the State of Delaware 8000 South Federal Way Boise, Idaho 83716

BACKGROUND OF THIS ASSIGNMENT:

Inventors have conceived certain new and useful inventions disclosed in a United States patent application titled "Chemical Vapor Deposition Apparatus".

MICRON TECHNOLOGY, INC. (hereinafter referred to as "ASSIGNEE") 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 ASSIGNEE the entire right, title and interest in the aboveidentified application executed currently 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 ASSIGNEE for the sole use of ASSIGNEE, its successors or assigns.

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INVENTORS further agree to execute, at the request and expense of ASSIGNEE 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 ASSIGNEE the whole right, title and interest in the inventions disclosed in the application throughout all countries foreign to the United States. ASSIGNEE 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 Letters Patent to ASSIGNEE as well as all other necessary papers in relation to such applications and the resulting Letters Patent to ASSIGNEE 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

PATENT REEL: 012977 FRAME: 0146 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.

Dated: 04/09/2002 Signature: Association Signature: Ross S. Dando

State of $\underline{\neg daho}$) County of \underline{Ada}) ss.

BEFORE ME, this $\frac{1}{2}$ day of $\frac{1}{2}$, 2002, personally appeared the above-named inventor, known to me to be the person who is described in and who executed the foregoing assignment instrument and acknowledged to me that he executed the same of his own free will for the purpose therein expressed.

SEAL



lang H. Leebl

Notary or Consular Officer My Commission Expires: 11000

Dated:	9 April	2002

Signature:	A second	
	Craig M. Ca	rpenter

- State of	Idaho)	
County of	Ada))	SS.

BEFORE ME, this \underline{Q}^{α} day of \underline{AQ}^{α} , 2002, personally appeared the above-named inventor, known to me to be the person who is described in and who executed the foregoing assignment instrument and acknowledged to me that he executed the same of his own free will for the purpose therein expressed.

SEAL

Dated: 4-09-02



Notary or Consular Officer

Signature:

State of <u>Idaho</u>) ss. County of <u>Ada</u>)

BEFORE ME, this $\underline{\Omega^{-t_{L}}}$ day of $\underline{H\rho n' l}$, 2002, personally appeared the above-named inventor, known to me to be the person who is described in and who executed the foregoing assignment instrument and acknowledged to me that he executed the same of his own free will for the purpose therein expressed.

SEAL



Notary or Consular Officer My Commission Expires: 01 1006

Dated:	4/9/82	
	77	

Signature:	Allen b. n Anduni	
	Allen P. Mardian	

State of <u>Idaho</u> County of <u>Ada</u> SS.

BEFORE ME, this $\frac{9^{th}}{2}$ day of $\frac{40}{1000}$, 2002, personally appeared the above-named inventor, known to me to be the person who is described in and who executed the foregoing assignment instrument and acknowledged to me that he executed the same of his own free will for the purpose therein expressed.



SEAL

Notary or Consular Officer

My Commission Expires: 01 10 06

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RECORDED: 04/24/2002