FORM PTO-1595	RE	03-19-2	002		PRESS MAIL NO. E	OMMERCE
(Rev. 6-93)					Patent and Trade	
To the Honorable Comm	issioner of Pater	102021	308 ine	attached original	document or copy t	hereofo =
 Name(s) of conveyi 	ng party(ies):	• _ 		d address of re		^д Б
1) SCOTT E. MOC			Name: <u>N</u>	ICRON TECHN	IOLOGY, INC.	86. 186
2) WHONCHEE LE 3) SCOTT G. MEI		14/27	Internal A	Address:		°0/
4) TRUNG T. DOA	N U	100			n	101
5) 6)		L.				
Additional names of conveying	n parties attached?	Yes X No			RR	
3. Nature of conveyan	ce:		Street Ac	dress: <u>8000 SC</u>	OUTH FEDERAL V	VAY
X Assignment	Merg	ler				
Security Agre	ement Char	nge of Name			Ctata IDA	
Other				ISE	State <u>IDA</u>	
Execution Dates:			Zip: <u>83706-9632</u>			
1) FEBRUARY 14,		ARY 15, 2002	Additional name	es & addresses attac	hed? _ Yes _ X _No	
2) <u>FEBRUARY 13,</u> 3) <u>FEBRUARY 14,</u>	2002 6)					
4. Application number	(s) or registration	number(s):		<u></u>	1794 mar 1994 mar 1964 mar	
	., -	ment is being filed	together with :	a new applicatio	'n	
		cution date of the a			···,	
A. Patent Applicati	on No(s).		B. Pater	nt No(s).		
	Additional	I numbers attached	/ ?Ye:	s <u>X</u> No		
5. Name and address	of party to wh	om correspondence	6. Total nur	mber of applicat	ions and	1
concerning document						····· <u></u>
Name:	PERKINS COIL					
Internal Address:	PATENT-SEA		7. Total Fe	e (37 CFR 3.41)	:	<u>40.00</u>
	PAUL T. PARK	ER	X End	losed		
Street Address:_P.			Aut	horized to be ch	arged to deposit a	ccount
					50.0005	
City: <u>SEATTLE</u> S	tate: <u>WA</u> ZIP: _		1 .	account number	<u>50-0665</u>	
		DO NOT US	E THIS SPAC	Ε	76	
 Statement and sign To the best of my 	lature. knowledge and b	pelief, the foregoing	g information is	s true and corre	ect and any attach	ned copy is a
true copy of the orig	ginal document.	PID	h		MARCH 4, 2002	
PAUL T. PARKER Name of Persor		Signatu	re		Date	
Total num	ber of pages inclu	uding cover sheet,	attachments. a	and document:	5	
OMB No. 0651-0011 (exp 4/5 2/2002 EBALLE1 00000051	10030863	$\mathbf{)}$				
C: 581	40.00 OP	/				

REEL: 012678 FRAME: 0373

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:		
	Scott E. Moore)
	Whonchee Lee)
	Scott G. Meikle)
	Trung T. Doan)
)
Filed:	Concurrently herewith)
)
For:	METHODS AND APPARATUS)
	FOR ELECTROCHEMICAL-)
	MECHANICAL PROCESSING)
	OF MICROELECTRONIC)
	WORKPIECES)
)

Docket No.: 10829.8544US Disclosure Number: 00-1194

ASSIGNMENT:

<u> </u>	Enclosed for recording
	Previously recorded
Date:	-
Reel:	

FOR GOOD AND VALUABLE CONSIDERATION, the receipt, sufficiency and adequacy of which are hereby acknowledged, the undersigned do 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 83706-9632, 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 this application in part discloses and claims subject matter disclosed in our earlier-filed U.S. Application No. 09/651,799, filed August 30, 2000 and entitled "Methods and Apparatus for Removing Conductive Material from a Microelectronic Substrate;" U.S. Application No. 09/888,084, filed June 21, 2001, and entitled "Methods and Apparatus for Conductive Material and/or Chemical Removal of Conductive

Material from a Microelectronic Substrate;" and U.S. Application No. 09/887,767, filed June 21, 2001, and entitled "Microelectronic Substrate Having Conductive Material With Blunt-Cornered Apparatus, and Associated Methods for Removing Conductive Material." The specification of this application is entitled **ELECTROCHEMICAL-"METHODS** AND **APPARATUS** FOR **MECHANICAL** PROCESSING OF **MICROELECTRONIC** WORKPIECES"; 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 any and all United States and foreign patents granted on such improvements to the Assignee;

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 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 improvements 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.

5 more

Date: 2-14-02

Scott E. Moore

STATE OF IDAHO)) ss. County of <u>Ada</u>



STATE OF IDAHO) County of Ada) ss.

BEFORE ME, this $13^{+/2}$ day of <u>Hellmunn</u>, 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 executed the same of his own free will for the purpose therein expressed.

SEAL Notary or Consular Officer My Commission Expires <u>6</u>

Page 3 of 4

PATENT REEL: 012678 FRAME: 0376

Muth Seott E: Meikle

Date: 2/14/07

STATE OF IDAHO) County of <u>Ada</u>) ss.

BEFORE ME, this 14th day of Astruary, 2010, 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 executed the same of his own free will for the purpose therein expressed.

Sissende Notary or Consular Officer My Commission Expires <u>6/12</u> Date: 2/15/07_

Trung T. Doap

STATE OF IDAHO)) SS. County of Ada)

BEFORE ME, this 15th day of Fubruary, 2007, personally appeared the above-named individual, to me known to be the person who is describedmin, and who executed the foregoing assignment instrument and acknow BISSEd to me that he executed the same of his own free will for the purpose

AND STATES OF STATES

Sesender

Notary or Consular Officer My Commission Expires <u>6/12/2004</u>

Page 4 of 4

PATENT REEL: 012678 FRAME: 0377

RECORDED: 03/04/2002