

02-10-2004

SHEET



102665290

2-6-04

To the Honorable Commissioner for Patents and Trademarks: Please record the attached original document or copy thereof.

1. Names of conveying parties:

- 1) GRAHAM KIRSCH
- 2) JONATHAN MANGNALL
- 3)
- 4)
- 5)
- 6)

Additional names of conveying parties attached? ☐ Yes ☒ No

2. Name and address of receiving party:

Name: MICRON TECHNOLOGY, INC.

Internal Address: _____

Street Address: 8000 SOUTH FEDERAL WAY

City: BOISE State IDAHO

Zip: 83716-9632

Additional names & addresses attached? ☐ Yes ☒ No

3. Nature of conveyance:

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

Execution Dates:

- 1) OCTOBER 1, 2003 4) _____
- 2) OCTOBER 9, 2003 5) _____
- 3) _____ 6) _____

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

If this document is being filed together with a new application,
the execution date of the application is _____.

A. Patent Application No(s).
10/395,695, FILED MARCH 20, 2003

B. Patent No(s).

Additional numbers attached? ☐ Yes ☒ No

2004 FEB -6 AM 7:12
OPR/FINANCE

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

Name: DORSEY & WHITNEY LLP

Internal Address: EDWARD W. BULCHIS, ESQ.

SUITE 3400

Street Address: 1420 FIFTH AVENUE

City: SEATTLE State: WA ZIP: 98101

6. Total number of applications and patents involved.....

One (1)

7. Total Fee (37 CFR 3.41): \$40

☒ Enclosed

☐ Authorized to be charged to deposit account

8. Deposit account number:

50-1266

02/09/2004 DBYRNE 00000003 10395695

01 FC:0021

40.00 DP

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.

EDWARD W. BULCHIS

Name of Person Signing

Signature

2/2/04

Date

Total number of pages including cover sheet, attachments, and document: 5

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:

Graham Kirsch and Jonathan Mangnall

Serial No.: 10/395,695

Filed : March 20, 2003

For : HOST MEMORY INTERFACE FOR A
PARALLEL PROCESSOR

Docket No. 501308.01

Disclosure No. 02-0703

Group Art Unit: 2183

ASSIGNMENT:

☒ 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 83716-9632, 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 was filed on March 20, 2003, and assigned Application No. 10/395,695 and is entitled "**HOST MEMORY INTERFACE FOR A PARALLEL PROCESSOR**"; 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.



Date: 1 Oct 03

Graham Kirsch

BEFORE ME, this 1st day of October, 2003, 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.



Witness

Date: _____

Jonathan Mangnall

BEFORE ME, this _____ day of _____, 200____, 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.

Witness

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.

Graham Kirsch

Date: _____

BEFORE ME, this ____ day of _____, 200__, 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.

Witness

Jonathan Mangnall
Jonathan Mangnall

Date: 09th Oct 2003

BEFORE ME, this 9th day of October, 2003, 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.

SKR
Witness

FEE TRANSMITTAL SHEET (FOR FY 2003)

Complete if Known

Application No.	10/395,695
Filing Date	March 20, 2003
First Named Inventor	Graham Kirsch
Group Art Unit	2183
Examiner	Not yet assigned
Atty. Docket Number	501308.01

METHOD OF PAYMENT (Check One)

1. ☒ The Commissioner is hereby authorized to charge any additional fee required under 37 C.F.R. §§ 1.16 and 1.17 and 1.136(a)(3) and credit any over payments to Deposit Account No.: 50-1266; Deposit Account Name: DORSEY & WHITNEY LLP

2. ☒ Check Enclosed

FEE CALCULATION

1. BASIC FILING FEE

Large Entity		Small Entity		Fee Description	Fee paid
Fee Code	Fee (\$)	Fee Code	Fee (\$)		
101	750	201	375	<input type="checkbox"/> Utility Filing Fee	
103	330	206	165	<input type="checkbox"/> Design Filing Fee	
108	750	208	375	<input type="checkbox"/> Reissue Filing Fee	
114	160	214	80	<input type="checkbox"/> Provisional Filing Fee	
Subtotal (1)					\$0

2. EXTRA CLAIM FEES

Current Claims	Prior	Extra	Fee	Fee Paid
Total	- 20	=	x \$	= \$
Ind.	- 3	=	x \$	= \$
Multiple Dependent Claims				x \$ = \$
Subtotal (2)				\$0


Large Entity		Small Entity		Fee Description	Fee paid
Fee Code	Fee (\$)	Fee Code	Fee (\$)		
103	18	203	9	Claims in excess of 20	
102	84	202	42	Independent claims in excess of 3	
104	280	204	140	Multiple dependent Claim	
109	84	209	42	Reissue independent claims over original patent	
110	18	210	9	Reissue claims in excess of 20 and over original patent	

FEE CALCULATION (Continued)

3. ADDITIONAL FEES

Large Entity		Small Entity		Fee Description	Fee paid
Fee Code	Fee (\$)	Fee Code	Fee (\$)		
105	130	205	65	Surcharge - Late filing fee or oath	\$
127	50	227	25	Surcharge - late provisional filing fee or cover sheet	\$
139	130	139	130	Non-English specification	\$
147	2,520	147	2,520	For Filing a Request for Reexamination	\$
196	300	196	300	Publication (early or Republication)	\$
115	110	215	55	Extension for reply within first month	\$
116	410	216	205	Extension for reply within 2 nd month	\$
117	930	217	465	Extension for reply within 3 rd month	\$
118	1,450	218	725	Extension for reply within 4 th month	\$
128	1,970	280	985	Extension for reply within 5 th month	\$
120	320	220	160	Filing a brief in support of an appeal	\$
121	280	270	140	Request for oral hearing	\$
148	110	248	55	Terminal Disclaimer Fee	\$
140	110	240	55	Petition to revive - unavoidable	\$
141	1,300	241	650	Petition to revive - unintentional	\$
142	1,300	242	650	Utility/Reissue issue fee (+ advance copies)	\$
143	470	243	235	Design issue fee (+ advance copies)	\$
122	130	122	130	Petitions to the Commissioner	\$
123	50	123	50	Petitions related to provisional applications	\$
126	180	126	180	Submission of IDS	\$
581	40	81	40	Recording each patent assignment per property (times number of properties)	\$40
179	750	279	375	Request for Continued Examination (RCE)	\$
Other fee (specify)					\$
Subtotal (3)					\$40
Total Amount of Payment:					\$40

Submitted by:

Name: Edward W. Bulchis	Reg. No.: 26,847	Telephone: (206) 903-8800
Signature: 		Date: Feb. 2, 2004

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RECORDED: 02/06/2004

PATENT
REEL: 014952 FRAME: 0179