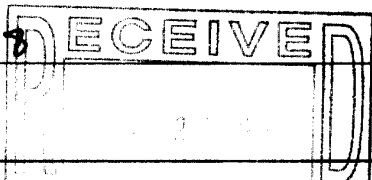


Re Subs

Document ID No. 100694418



07-23-1998

SHEET



100773086

To the Honorable Commissioner of Patent
Unless filed with a new application, mail to: 1

hed original documents or copy thereof:
and Trademarks, Washington, D.C. 20231.

1. Name of conveying party(ies):

Larry D. Kinsman, Jerry M. Brooks, Walter L. Moden

Additional name(s) of conveying party(ies) attached? Yes No

NEO
7-22-98

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

Name: MICRON TECHNOLOGY, INC.
Address: 8000 South Federal Way
Boise, ID 83707-0006

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

3. Nature of conveyance:

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

Execution Date: 03/23/98, 03/24/98 and 03/23/98

NOTICE OF EXPRESS MAILING

Express Mail Mailing Label Number: EM013530466US

Date of Deposit with USPS: April 15, 1998

Person mailing Deposit: Timothy Ricks

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: 03/23/98, 03/24/98 and 03/23/98

A. U.S. Patent Application No.(s)

B. U.S. Patent No.(s)

Additional numbers attached? Yes No

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

Name: James R. Duzan
Trask, Britt & Rossa
P.O. Box 2550
Salt Lake City, UT 84110-2550

Attorney Docket No. 3083US (96-1052)

6. Total number of U.S. applications and U.S. patents involved:

7. Total fee (37 C.F.R. § 3.41) \$ 40.00
(\$40.00 times number in box 6)
Check no. 09712 is enclosed in this amount. 406

8. The Commissioner is hereby authorized to charge any deficiency or credit any overpayment to deposit account number 20-1469.

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9. Statement and signature.

To the best of my knowledge and belief, the foregoing information is true and correct.

James R. Duzan

Name of Person Signing

Reg. No. 28,393

James R. Duzan
Signature

April 15, 1998
Date

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

PATENT

REEL: 9320 FRAME: 0868

MD: 4-15-98

04-27-1998



100694418

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**UTILITY
PATENT APPLICATION
TRANSMITTAL**

(Only for new nonprovisional applications under 37 CFR 1.53(b))

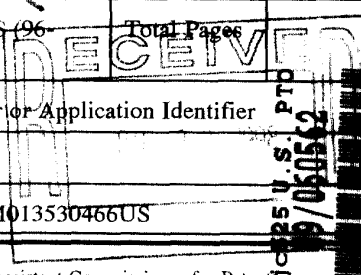
Attorney Docket No. 3083US-96-1052

Total Pages

First Named Inventor or Application Identifier

Larry D. Kinsman et al.

Express Mail Label No. EM013530466US



04/15/98
JCS41 U.S. PTO

04/15/98
JCS41 U.S. PTO

APPLICATION ELEMENTS
See MPEP Chapter 600 concerning utility patent application contents

ADDRESS TO: Assistant Commissioner for Patents
Box Patent Application
Washington, D.C. 20231

- 1. Fee Transmittal Form
(Submit an original, and a duplicate for fee processing)
- 2. Specification Total Pages
(preferred arrangement set forth below)
- Descriptive title of the invention
- Cross References to related Applications
- Statement Regarding Fed Sponsored R&D
- Reference to Microfiche Appendix
- Background of the Invention
- Brief Summary of the Invention
- Brief Description of the Drawings (if filed)
- Detailed Description
- Claim(s)
- Abstract of the Disclosure
- 3. Drawing(s) (35 USC 113) Total Sheets
- 4. Oath or Declaration Total Pages
 - a. Newly executed (original or copy)
 - b. Copy from a prior application (37 CFR 1.63(d))
(For continuation/divisional with Box 17 completed)
(Note Box 5 below)
 - i. DELETION OF INVENTOR(S)
Signed statement attached deleting inventor(s) named in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b).
- 5. Incorporation By Reference (useable if Box 4b is checked)
The entire disclosure of the prior application, from which a copy of the oath or declaration is supplied under Box 4b, is considered as being part of the disclosure of the accompanying application and is hereby incorporated by reference therein.

- 6. Microfiche Computer Program (Appendix)
- 7. Nucleotide and/or Amino Acid Sequence Submission (if applicable, all necessary)
 - a. Computer Readable Copy
 - b. Paper Copy (identical to computer copy)
 - c. Statement verifying identity of above copies

ACCOMPANYING APPLICATION PARTS

- 8. Assignment Papers (cover sheet & document(s))
- 9. 37CFR 3.73(b) Statement Power of Attorney (when there is an assignee)
- 10. English Translation Document (if applicable)
- 11. Information Disclosure Statement (IDS/PTO 1449) Copies of IDS Citations
- 12. Preliminary Amendment
- 13. Return Receipt Postcard (MPEP 503)
- 14. Small Entity Statement filed in prior application. Status still proper and desired
- 15. Certified Copy of Priority Document(s) (if foreign priority is claimed)
- 16. Other: Power of Attorney by Assignee and Certificate Under 37 CFR 3.73(b)

17. If a CONTINUING APPLICATION, check appropriate box and supply the requisite information:
 Continuation Divisional Continuation-in-part (CIP) of prior Application No. /

18. CORRESPONDENCE ADDRESS

Customer Number or Bar Code Label Correspondence address below

NAME	James R. Duzan <i>James R. Duzan</i>				
	TRASK, BRITT & ROSSA				
ADDRESS	P.O. Box 2550				
CITY	Salt Lake City	STATE	Utah	ZIP CODE	84110
COUNTRY	U.S.A.	TELEPHONE	(801) 532-1922	FAX	(801)531-9168

PATENT

Attorney Docket No. 3083US (96-1052)

ASSIGNMENT

FOR GOOD AND VALUABLE CONSIDERATION, the receipt, sufficiency and adequacy of which are hereby acknowledged, each undersigned ASSIGNOR does hereby:

SELL, ASSIGN AND TRANSFER to MICRON TECHNOLOGY, INC. ("ASSIGNEE"), a corporation of the State of Delaware having a place of business at 8000 South Federal Way, Boise, Idaho 83707-0006, 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 each undersigned ASSIGNOR concurrently herewith and is entitled **VERTICAL SURFACE MOUNT APPARATUS WITH THERMAL CARRIER**, 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, reissued and reexamined 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;

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, 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 vesting title to such improvements in the ASSIGNEE, and for securing, maintaining and enforcing proper patent protection for such improvements;

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TO BE BINDING on the heirs, assigns, representatives and successors of each undersigned ASSIGNOR and extend to the successors, assigns and nominees of the ASSIGNEE.

ASSIGNORS:

Larry D. Kinsman
Larry D. Kinsman

Date 3/23/98

Jerry M. Brooks
Jerry M. Brooks

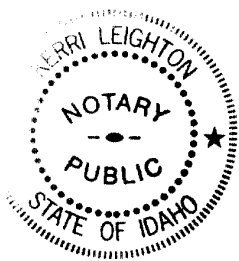
Date 3/24/98

Walter L. Moden
Walter L. Moden

Date 3/23/98

STATE OF IDAHO)
 : ss.
County of Ada)

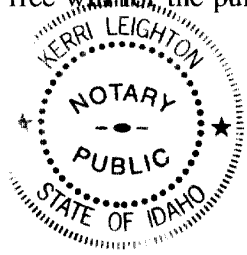
BEFORE ME, the undersigned authority, on this 23 day of March, 1998, personally appeared Larry D. Kinsman, known to me to be the person whose name is subscribed to the foregoing instrument and acknowledged to me that he executed the same of his of own free will for the purposes and consideration therein expressed.



Terri Leighton
Notary or Consular Officer

STATE OF IDAHO)
 : ss.
County of Ada)

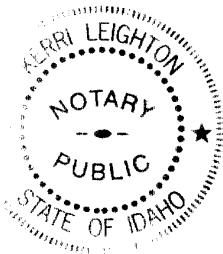
BEFORE ME, the undersigned authority, on this 24 day of March, 1998, personally appeared Jerry M. Brooks, known to me to be the person whose name is subscribed to the foregoing instrument and acknowledged to me that he executed the same of his of own free will for the purposes and consideration therein expressed.



Kerri Leighton
Notary or Consular Officer

STATE OF IDAHO)
 : ss.
County of Ada)

BEFORE ME, the undersigned authority, on this 23 day of March, 1998, personally appeared Walter L. Moden, known to me to be the person whose name is subscribed to the foregoing instrument and acknowledged to me that he executed the same of his of own free will for the purposes and consideration therein expressed.



Kerri Leighton
Notary or Consular Officer

THE PATENT & TRADEMARK OFFICE MAILROOM DATE STAMPED
HEREBY IS AN ACKNOWLEDGEMENT THAT ON THIS DATE THE
PATENT & TRADEMARK OFFICE RECEIVED:

**Utility Patent Application Transmittal; Fee Transmittal (in duplicate);
Check No. 09711 for \$1906.00 (application filing fee); Specification
(19 pages); Drawings (2 sheets); Declaration; Assignment Recordation
Cover Sheet; Power of Attorney by Assignee; Assignment; Check No.
09712 for \$40.00 (assignment recordation fee); Preliminary
Amendment; Information Disclosure Statement; Form PTO-1449 with
copies of listed documents.**

Invention: VERTICAL SURFACE MOUNT APPARATUS WITH
THERMAL CARRIER

Applicant(s): Larry D. Kinsman et al.


Filing Date: April 15, 1998

Serial No.: Not yet assigned

Date Sent: April 15, 1998 via Express Mail Label No.
EM013530466US

Client/Matter Docket No.: 2269/3083US

JRD/sls

jc525 U.S. PTO
09/060562

04/15/98