

U.S. DEPARTMENT OF COMMERCE ĒΕΤ Patent and Trademark Office

Tab settings	99110 v v
To the Honorable Commissioner of Patents and Trademarks:	Please record the attached original documents or copy thereof.
1. Name of conveying party(ies): James J. Alwan 2014 S. Meyers Street Boise, Idaho 83706 Additional name(s) of conveying party(ies) attached? Yes You	2. Name and address of receiving party(ies): Name: Micron Technology, Inc. Internal Address:
3. Nature of conveyance:	
☑ Assignment ☐ Merger	Street Address: 8000 South Federal Way
☐ Security Agreement ☐ Change of Name	
□ Other	City: Boise State: ID ZIP: 83716
Execution Date: November 23, 1998	Additional name(s) & address(es) attached? Yes No
4. Application number(s) or patent number(s):	
If this document is being filed together with a new application	on, the execution date of the application is:
A. Patent Application No.(s) 08/777,653	B. Patent No.(s)
09/277379 Additional numbers	attached? □ Yes ੴ No
5. Name and address of party to whom correspondence concerning document should be mailed:	6. Total number of applications and patents involved:
Name: Michael A, Diener	7. Total fee (37 CFR 3.41)\$40.00
Internal Address: Hale and Dorr LLP	☐ Enclosed
	Authorized to be charged to deposit account Charge any additional fees associated with this paper or during the pendancy of this application, or credit any overpayment, to deposit account.
Street Address: 60 State Street	8. Deposit account number:
	08-0219
City: <u>Boston</u> State: <u>MA</u> ZIP: <u>02109</u> 04/05/1999 DNGUYEN 00000086 080219 09277379	(Attach duplicate copy of this page if paying by deposit account)
01 FC:581 40.00 CH 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. "Express Mail" Mailing Label No. EL171836810US Pate of Deposit: March 29, 1999	
Michael A. Diener Name of Person Signing	11/30/98 Date
Total number of pages including cover sheet, attachments, and document: Mail documents to be recorded with required cover sheet information to:	

ASSIGNMENT

WHEREAS, I, James J. Alwan, being a citizen of the United States, and residing at 2014 S. Meyers Street, Boise, Idaho 83706, United States of America, am an inventor of certain new and useful inventions and discoveries, for which I have made an application for Letters Patent entitled METHOD FOR FORMING SPACERS ON A DISPLAY SUBSTRATE, which application was filed in the United States Patent and Trademark Office on December 31, 1996 and allotted Serial No. 08/777,653,

WHEREAS, Micron Technology, Inc., a corporation of Delaware, whose address is 8000 South Federal Way, Boise, Idaho 83716-9632, and which, together with its successors and assigns is hereinafter called "ASSIGNEE," is desirous of acquiring the title, rights, benefits, and privileges hereinafter recited;

NOW, THEREFORE, for and in consideration of good and valuable consideration furnished by ASSIGNEE to me, receipt and sufficiency of which I hereby acknowledge, I hereby, without reservations:

- 1. Assign, transfer, and convey to ASSIGNEE the entire right, title, and interest in and to said inventions and discoveries, said application for Letters Patent, any and all other applications for Letters Patent on said inventions and discoveries in whatsoever countries, including all divisional, renewal, substitute, continuation, continuation-in-part, and convention applications based in whole, or in part, upon said inventions or discoveries, or upon said applications, and any and all Letters Patents, reissues, and extensions of Letters Patent granted for said inventions and discoveries or upon said applications, and every priority right that is or may be predicated upon, or arise from, said inventions, said discoveries, said applications, and said Letters Patent;
- 2. Authorize ASSIGNEE to file patent applications in any or all countries on any or all of said inventions and discoveries in my name or in the name of ASSIGNEE or otherwise as ASSIGNEE may deem advisable, under International Conventions or otherwise;

PATENT REEL: 9853 FRAME: 0861 Authorize and request the Commissioner of Patents and Trademarks of the United States of America and the empowered officials of all other governments throughout the world to issue or transfer all said Letters Patents to ASSIGNEE, as assignee of the entire right, title, and interest therein or otherwise as ASSIGNEE may direct;

3.

5.

4. Warrant that I have not knowingly conveyed to others any right in said inventions, discoveries, applications, or patents, or any license to use the same, or to make, use, or sell anything embodying or utilizing any of said inventions or discoveries; and that I have good right to assign the same to ASSIGNEE without encumbrance;

Bind my heirs, legal representatives, and assigns, as well as myself, to do, upon ASSIGNEE's request and at ASSIGNEE's expense, but without additional consideration to me or them, all acts reasonably serving to assure that said inventions and discoveries, said patent applications, and said Letters Patents shall be held and enjoyed by ASSIGNEE as fully and entirely as the same could have been held and enjoyed by me, our heirs, legal representatives, and assigns if this Assignment had not been made; and particularly to execute and deliver to ASSIGNEE all lawful application documents including petitions, specifications, and oaths, and all assignments, disclaimers, and lawful affidavits in form and substance as may be requested by ASSIGNEE; and to communicate to ASSIGNEE all facts known to me relating to said inventions and discoveries or the history thereof, and to testify as to the same in any court or proceeding; and to furnish ASSIGNEE any and all documents, photographs, models, samples, and other physical exhibits in my control or in the control of my heirs, legal representatives, or assigns which may be useful for establishing the facts of my conceptions, disclosures, and reduction to practice of said inventions and discoveries.

> PATENT REEL: 9853 FRAME: 0862

IN TESTIMONY WHEREOF, I have hereunto set my hand and seal.

DATE: 23NOV 98

RECORDED: 03/22/1999

James J. Alwan

WITNESSED BY:

Name Notary

Roise 10

Address

PATENT REEL: 9853 FRAME: 0863