

12-24-2002

FORM PTO-1595 (MODIFIED)
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U.S. DEPARTMENT OF
COMMERCE
Patent and Trademark Office

Tab settings 3333

102320672

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

10/320238
12/16/02

1. Name of conveying party(ies):

David A. Cathey

12-16-02

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

Name: Micron Technology, Inc.

Internal Address:

Street Address: 8000 South Federal Way

City: Bosie State: ID Zip: 83704

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

3. Nature of conveyance:



Assignment



Merger



Security Agreement



Change of Name



Other _____

Execution Date: December 12, 2000

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

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

10320238

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

December 16, 2002.

A. Patent Application No.(s)

B. Patent No.(s)

Additional numbers attached? ☐ Yes ☒ No

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

Name: Richard A. Goldenberg, Esq.

Internal Address: Hale and Dorr LLP

Street Address: 60 State Street

City: Boston State: MA ZIP: 02109

6. Total number of applications and patents involved:

7. Total fee (37 CFR 3.41).....\$40.00



Enclosed



Authorized to be charged to deposit account



Charge any additional fees associated with this paper or during the pendency of this application, or credit any overpayment, to deposit account

8. Deposit account number:

08-0219

(Attach duplicate copy of this page if paying by deposit account)

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.

Richard A. Goldenberg

Name of Person Signing

Signature

DEC. 16, 2002

Date

Total number of pages including cover sheet, attachments, and document: 3

Mail documents to be recorded with required cover sheet information to:

Commissioner of Patents & Trademarks, Box Assignments

Washington, D.C. 20231

12/24/2002 6TON11 00000031 080219 10320238

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BOSTON 1561966v1

EXPRESS MAIL LABEL NO. EV225204739 US

DATE OF DEPOSIT 16 December 2002

PATENT

REEL: 013593 FRAME: 0681

ASSIGNMENT

WHEREAS, I, David A. Cathey, being a citizen of the United States, residing at 5193 Watersedge, Boise, Idaho 83703 am an inventor of certain new and useful inventions and discoveries, for which I have made an application for Letters Patent entitled **SPACERS FOR FIELD EMISSION DISPLAYS**, said application filed in the United States Patent and Trademark Office on August 31, 2000 under Serial No. 09/652,630; and

WHEREAS, MICRON TECHNOLOGY, INC., a Delaware corporation, whose address is 8000 South Federal Way, Boise, Idaho 83704, 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;

3. 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;

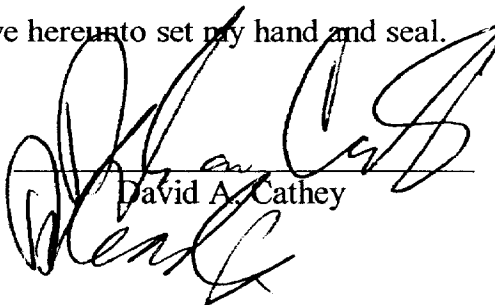
4. Warrant that I have not knowingly conveyed to others any right in said inventions, discoveries, applications, or patents, or any license to use the same, or to make, use, or sell

anything embodying or utilizing any of said inventions or discoveries; and that I have good right to assign the same to ASSIGNEE without encumbrance;

5. 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.

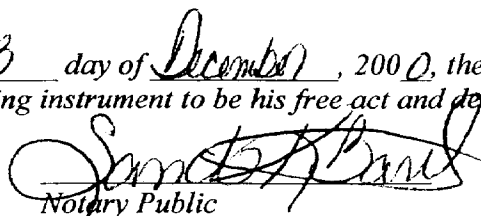
IN TESTIMONY WHEREOF, I have hereunto set my hand and seal.

DATE: 12-12-2000
12-13-2000


David A. Cathey

State of Idaho)
County of Ada) ss.

Then personally appeared before me this 13 day of December, 2000, the above named David A. Cathey who acknowledged the forgoing instrument to be his free act and deed.


Notary Public