


08-02-1999



To the Honorable Commissioner of P.

101107311

1 original documents or copy thereof

<p>1. Name of conveying party(ies): Howard E. Rhodes, Werner Juengling, Thomas A. Figura and Steven D. Cummings</p> <p>Additional name(s) of conveying party(ies) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p>		<p>2. Name and address of receiving party(ies): Name: <u>Micron Technology, Inc.</u></p> <p>Internal Address:</p> <p>Street Address: <u>8000 S. Federal Way</u></p> <p>City: <u>Boise</u></p> <p>State: <u>Idaho</u> Zip: <u>83707-0006</u></p> <p>Country: <u>United States of America</u></p> <p>Additional name(s) &amp; address(es) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p>	
<p>3. Nature of Conveyance:</p> <p><input checked="" type="checkbox"/> Assignment <input type="checkbox"/> Merger</p> <p><input type="checkbox"/> Security Agreement <input type="checkbox"/> Change of Name</p> <p><input type="checkbox"/> Other _____</p> <p>Execution Date(s): <u>June 24 and June 29, 1999</u></p>			
<p>4. Application number(s) or patent number(s):</p> <p>If this document is being filed together with a new application, the Execution date(s) of the new application is (are): <u>June 24, June 29 and July 10, 1999</u></p> <p>A. Patent Application No.(s): B. Patent No.(s):</p> <p>Additional numbers attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p>			
<p>5. Name and address of party to whom correspondence concerning document should be mailed:</p> <p>Name: <u>DICKSTEIN SHAPIRO MORIN &amp; OSHINSKY LLP</u></p> <p>Internal Address: <u>Atty. Dkt.: M4065.0111/P111</u></p> <p>Attn: <u>Thomas J. D'Amico</u></p> <p>Street Address: <u>2101 L Street NW</u></p> <p>City: <u>Washington</u> State: <u>DC</u> Zip: <u>20037-1526</u></p>		<p>6. Total number of applications and patents involved: <u>1</u></p> <p>7. Total fee (37 C.F.R 3.41) \$ <u>\$40.00</u></p> <p><input checked="" type="checkbox"/> Enclosed</p> <p><input type="checkbox"/> Authorized to be charged to deposit account</p> <p><input checked="" type="checkbox"/> Credit any overpayment or debit any underpayment</p> <p>8. Deposit account number: <u>04-1073</u></p>	
DO NOT USE THIS SPACE			
<p>9. Statement and signature.</p> <p><i>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.</i></p> <p><u>Thomas J. D'Amico</u>  <u>July 22, 1999</u></p> <p>Signature Date</p> <p>Reg. No. 28,371</p> <p>Total number of pages including cover sheet, attachments, and document: <u>9</u></p>			

## ASSIGNMENT AND AGREEMENT

For value received, we, hereby sell, assign and transfer to Micron Technology, Inc., a corporation of the State of Delaware, having an office at 8000 S. Federal Way, Boise, Idaho 83706-9632, U.S.A., and its successors, assigns and legal representatives, the entire right, title and interest, for the United States of America, in and to certain inventions related to an invention entitled OPTIMIZED LOW LEAKAGE DIODES, INCLUDING PHOTODIODES, described in an application for Letters Patent of the United States, executed by us of even date herewith, and all the rights and privileges in said application and under any and all Letters Patent that may be granted in the United States for said inventions; and we also concurrently hereby sell, assign and transfer to Micron Technology, Inc. the entire right, title and interest in and to said inventions for all countries foreign to the United States, including all rights of priority arising from the application aforesaid, and all the rights and privileges under any and all forms of protection, including Letters Patent, that may be granted in said countries foreign to the United States for said inventions.

We authorize Micron Technology, Inc. to make application for such protection in its own name and maintain such protection in any and all countries foreign to the United States, and to invoke and claim for any application for patent or other form of protection for said inventions, without further authorization from us, any and all benefits, including the right of priority provided by any and all treaties, conventions, or agreements.

We hereby consent that a copy of this assignment shall be deemed a full legal and formal equivalent of any document which may be required in any country in proof of the right of Micron Technology, Inc. to apply for patent or other form of protection for said inventions and to claim the aforesaid benefit of the right of priority.

We request that any and all patents for said inventions be issued to Micron Technology, Inc. in the United States and in all countries foreign to the United States, or to such nominees as Micron Technology, Inc. may designate.

We agree that, when requested, we shall, without charge to Micron Technology, Inc. but at its expense, sign all papers, and do all acts which may be necessary, desirable or convenient in connection with said applications, patents, or other forms of protection.

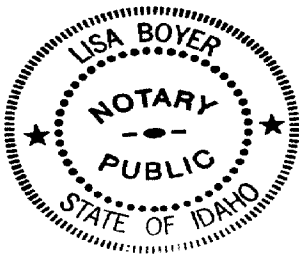
Howard E. Rhodes

Date: 6/24/99

United States of America )  
State of Idaho )ss.:  
County of Ada )

On this 24 day of June, 1999, before me personally came Howard E. Rhodes, to me known to be the individual described in and who executed the foregoing instrument, and acknowledged execution of the same.

Lisa Boyer  
Notary Public



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

**ASSIGNMENT AND AGREEMENT**

Signature Page for Second Inventor

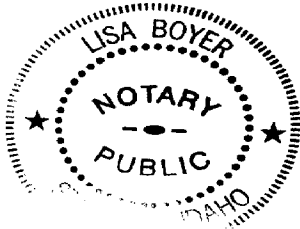
Werner Juengling

Date: 24-JUNE-1999

United States of America )  
State of Idaho )ss.:  
County of Ada )

On this 24 day of June, 1999, before me  
personally came Werner Juengling, to me known to be the  
individual described in and who executed the foregoing instrument, and acknowledged  
execution of the same.

Lisa Boyer  
Notary Public



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

**ASSIGNMENT AND AGREEMENT**

**Signature Page for Third Inventor**

Date: \_\_\_\_\_

\_\_\_\_\_)  
\_\_\_\_\_)ss.:  
\_\_\_\_\_)

On this \_\_\_\_\_ day of \_\_\_\_\_, 1999, before me personally came Thomas A. Figura, to me known to be the individual described in and who executed the foregoing instrument, and acknowledged execution of the same.

\_\_\_\_\_  
Notary Public

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

ASSIGNMENT AND AGREEMENT

Signature Page for Fourth Inventor

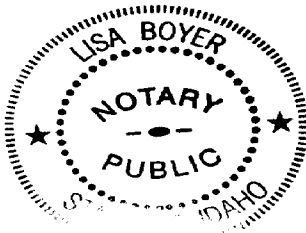


Date: 6-29-99

United States of America )  
State of Idaho )ss.:  
County of Ada )

On this 29 day of June, 1999, before me  
personally came Steven D. Cummings, to me known to be the  
individual described in and who executed the foregoing instrument, and acknowledged  
execution of the same.

Lisa Boyer  
Notary Public



## ASSIGNMENT AND AGREEMENT

For value received, we, hereby sell, assign and transfer to Micron Technology, Inc., a corporation of the State of Delaware, having an office at 8000 S. Federal Way, Boise, Idaho 83706-9632, U.S.A., and its successors, assigns and legal representatives, the entire right, title and interest, for the United States of America, in and to certain inventions related to an invention entitled **OPTIMIZED LOW LEAKAGE DIODES, INCLUDING PHOTODIODES**, described in an application for Letters Patent of the United States, executed by us of even date herewith, and all the rights and privileges in said application and under any and all Letters Patent that may be granted in the United States for said inventions; and we also concurrently hereby sell, assign and transfer to Micron Technology, Inc. the entire right, title and interest in and to said inventions for all countries foreign to the United States, including all rights of priority arising from the application aforesaid, and all the rights and privileges under any and all forms of protection, including Letters Patent, that may be granted in said countries foreign to the United States for said inventions.

We authorize Micron Technology, Inc. to make application for such protection in its own name and maintain such protection in any and all countries foreign to the United States, and to invoke and claim for any application for patent or other form of protection for said inventions, without further authorization from us, any and all benefits, including the right of priority provided by any and all treaties, conventions, or agreements.

We hereby consent that a copy of this assignment shall be deemed a full legal and formal equivalent of any document which may be required in any country in proof of the right of Micron Technology, Inc. to apply for patent or other form of protection for said inventions and to claim the aforesaid benefit of the right of priority.

We request that any and all patents for said inventions be issued to Micron Technology, Inc. in the United States and in all countries foreign to the United States, or to such nominees as Micron Technology, Inc. may designate.

---

United States of America )  
State of Idaho ) ss.:  
County of \_\_\_\_\_ )

**Figure 1**

## Notary Public



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

**ASSIGNMENT AND AGREEMENT**

**Signature Page for Third Inventor**

*Thomas A. Figura*

Date: \_\_\_\_\_

\_\_\_\_\_)  
\_\_\_\_\_)ss.:  
\_\_\_\_\_)

On this \_\_\_\_\_ day of \_\_\_\_\_, 1999, before me  
personally came Thomas A. Figura, to me known to be the  
individual described in and who executed the foregoing instrument, and acknowledged  
execution of the same.

\_\_\_\_\_  
Notary Public