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## PATENTS ONLY

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Form PTO-1595

(Rev. 03/01)

OMB No. 0651-0027 (exp. 5/31/2002)

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

## 1. Name of conveying party(ies):

Isao Takayanagi (08/18/2004) and  
Toshinori Otaka (08/18/2004)Additional name(s) of conveying party(ies)  
attached?☐ Yes ☒ No

## 3. Nature of Conveyance:

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

Execution Date: see Box 1, conveying parties

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

Name: MICRON TECHNOLOGY, INC.

Internal Address:

Street Address:

8000 S. Federal Way

City: Boise

State: ID Zip: 83707-0006

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

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

10920192

If this document is being filed together with a new application, the execution date of the new application is: August 18, 2004

A. Patent Application No.(s):

B. Patent No.(s):

Additional numbers attached? ☐ Yes ☒ No5. Name and address of party to whom correspondence  
concerning document should be mailed:

Name: Thomas J. D'Amico

DICKSTEIN SHAPIRO MORIN &amp; OSHINSKY LLP

Internal Address: Atty. Dkt.: M4065.1088/P1088

Street Address:  
2101 L Street NWCity:  
Washington

State: DC Zip: 20037-1526

6. Total number of applications and  
patents involved: 1

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

☐ Enclosed☐ Authorized to be charged to deposit account☒ Authorized to be charged to credit card  
(Form 2038 enclosed)

## 8. Deposit account number:

04-1073

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

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## 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.*Thomas J. D'Amico  
Name of Person Signing

Signature

August 18, 2004  
Date

Total number of pages including cover sheet, attachments, and documents: 4

08/19/2004 ANABI1 00000089 10920192

04 FC:8021

40.00 DP

Docket No.: M4065.1088/P1088

**ASSIGNMENT AND AGREEMENT**

For value received, we, Isao Takayanagi and Toshinori Otaka, 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 RAMP MODULATION ADC FOR IMAGERS, 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.

Docket No.: M4065.1088/P1088

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.

Isao Takayanagi  
Isao Takayanagi

Date: AUG 18 2004

Japan )

City of Tokyo ) ss.:

Embassy of the  
United States of America )

On this \_\_\_\_\_ day of AUG 18 2004, \_\_\_\_\_, before me personally came Isao Takayanagi, to me known to be the individual described in and who executed the foregoing instrument, and acknowledged execution of the same.

Yoshiaki Gotoh  
Consular Associate  
Consular Office

Docket No.: M4065.1088/P1088

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

ASSIGNMENT AND AGREEMENT

## Signature Page for Second Inventor

Toshinori Otaka  
Toshinori Otaka

Date: AUG 18 2004

Japan )  
City of Tokyo ) ss.:  
Embassy of the )  
United States of America )

On this \_\_\_\_\_ day of AUG 18 2004, \_\_\_\_\_, before me  
personally came Toshinori Otaka, to me known to be the individual  
described in and who executed the foregoing instrument, and acknowledged execution  
of the same.

Yoshiaki Goto  
Consular Associate  
Consular Office