

05-22-2007



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Form PTO-1597 (Rev. 08/05)
OMB No. 0651-0027 (exp. 6/30/2008)

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103408523

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To the Director of the U.S. Patent and Trademark Office: Please record the attached documents or the new address(es) below.

1. Name of conveying party(ies):

Sandor L. Barna (04/20/2007), Scott P. Campbell
(05/03/2007), and Gennady Agranov (05/07/2007)

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

3. Nature of conveyance/Execution Date(s):

Execution Date(s): in parentheses after inventor name

- ☒ Assignment ☐ Merger ☐ Change of Name
☐ Security Agreement ☐ Joint Research Agreement
☐ Government Interest Assignment
☐ Executive Order 9424, Confirmatory License
☐ Other

2. Name and address of receiving party(ies)

Name: MICRON TECHNOLOGY, INC.

Internal Address:

Street Address:

8000 S. Federal Way

City: Boise

State: Idaho

Country: United States of America Zip: 83707-0006

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

4. Application or patent number(s):

☒ This document is being filed together with a new application.

A. Patent Application No.(s)

This application

B. Patent No.(s)

Additional numbers attached? ☐ Yes ☒ No

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

Name: Thomas J. D'Amico
DICKSTEIN SHAPIRO LLP

Internal Address: Atty. Dkt.: M4065.1371/P1371

Street Address: 1825 Eye Street, NW

City: Washington

State: DC Zip: 20006-5403

Phone Number: (202) 420-2232

Fax Number: (202) 420-2201

Email Address: DAmicoT@dicksteinshapiro.com

6. Total number of applications and patents involved:

1

7. Total fee (37 CFR 1.21(h) & 3.41) \$ 40.00

- ☒ Authorized to be charged by credit card
☐ Authorized to be charged to deposit account
☐ Enclosed
☐ None required (government interest not affecting title)

8. Payment Information

a. Credit Card Last 4 Numbers 1002
Expiration Date 01/11

b. Deposit Account Number
Authorized User Name

9. Signature:

Signature

May 9, 2007

Date

Thomas J. D'Amico - 28,371
Name of Person Signing

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

05/10/2007 SZENDIE1 00000079 11798010

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DSMDB-2256944v01

PATENT
REEL: 019342 FRAME: 0614

ASSIGNMENT AND AGREEMENT

For value received, we, Sandor L. Barna; Scott P. Campbell; and Gennady Agranov, 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 METHOD AND APPARATUS FOR IMPROVING LOW-LIGHT PERFORMANCE FOR SMALL PIXEL IMAGE SENSORS, 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.

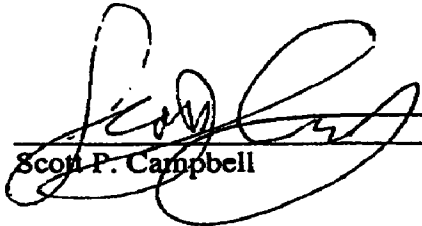
We hereby consent that a copy of this assignment shall be deemed a full legal and formal equivalent of any document which may be required in any country in proof of the right of Micron Technology, Inc. to apply for patent or other form of protection for said inventions and to claim the aforesaid benefit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

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

ASSIGNMENT AND AGREEMENT

Signature Page for Second Inventor

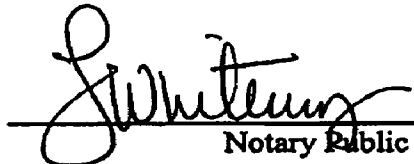


Scott P. Campbell

Date: May 3, 2007

United States of America)
State of CALIFORNIA) ss.:
County of LOS ANGELES)

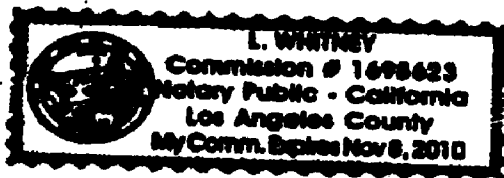
On 5/3/07 before me, L. Whitney, notary (here insert name and title of the officer), personally appeared Scott P. Campbell, ~~personally known to me~~ (or proved to me on the basis of satisfactory evidence) to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.



Notary Public

My hand and official seal.

(Seal)



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.

S L B

Sandor L. Barna

Date: 4/20/07

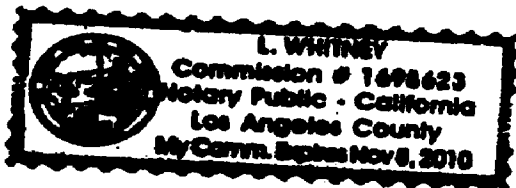
United States of America)
State of CALIFORNIA) ss.:
County of LOS ANGELES)

On 4/20/07 before me, L. WHITNEY (here insert name and title of the officer), personally appeared Sandor L. Barna, personally known to me (or proved to me on the basis of satisfactory evidence) to be the person(s) whose name(s) is/~~are~~ subscribed to the within instrument and acknowledged to me that he/~~she~~/~~they~~ executed the same in his/~~her~~/~~their~~ authorized capacity(ies), and that by his/~~her~~/~~their~~ signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

L Whitney
Notary Public

My hand and official seal.

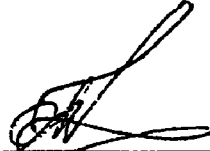
(Seal)



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

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Signature Page for Third Inventor

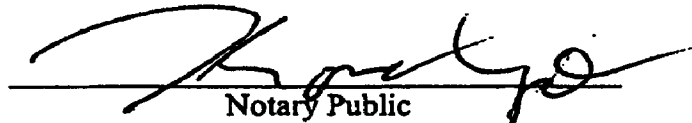


Gennady Agranov

Date: 05/07/2007

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

On 5-7-07 before me, Kristy Porter (here insert name and title of the officer), personally appeared Gennady Agranov, personally known to me (or proved to me on the basis of satisfactory evidence) to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.



Notary Public

My hand and official seal.

