

ASSIGNMENT RECORDATION FORM COVER SHEET *Patents Only*

To: Commissioner for Patents:

Date: October 12, 2004
Attorney Docket No. 5646-141

Please record the attached original documents or copy thereof.

1. Name of conveying party(ies):

[1.] Mario Au
[2.] Jiann-Jeng Duh

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

Integrated Device Technology, Inc.
2975 Stender Way
Santa Clara, CA 95054

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

3. Nature of conveyance:

- Assignment
- Merger
- Security Agreement
- Change of Name
- Other _____

Execution Date: [1.] July 20, 2004 [2.] July 20, 2004

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

4. Application Serial No. 10/912,938, filed August 6, 2004

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

Additional numbers attached? Yes No

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

Grant J. Scott
Myers Bigel Sibley & Sajovec
P. O. Box 37428
Raleigh NC 27627

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

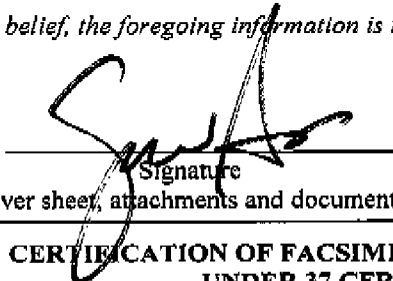
8. Deposit account number: 50-0220

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.

Grant J. Scott #36,925
Name of Person Signing




October 12, 2004
Date

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

**CERTIFICATION OF FACSIMILE TRANSMISSION
UNDER 37 CFR § 1.8**

I hereby certify that this correspondence is being facsimile transmitted to the U.S. Patent and Trademark Office via facsimile number **703-306-5995** on October 12, 2004.


Candi L. Riggs

CH \$40.00 600220 10912938

Attorney Docket No. 5646-141 (IDT. Ref. 1966)

ASSIGNMENT

THIS ASSIGNMENT, made by us, **Mario Au**, citizen of the United States of America, residing at 35636 Goldsmith Drive, Fremont, California 94536; and **Jiann-Jeng Duh**, citizen of the United States of America, residing at 1669 Wyndham Drive, San Jose, California 95124;

WITNESSETH: That,

WHEREAS, we are the joint inventors of certain new and useful improvements in **SEQUENTIAL FLOW-CONTROL AND FIFO MEMORY DEVICES HAVING ERROR DETECTION AND CORRECTION CAPABILITY WITH DIAGNOSTIC BIT GENERATION** for which an application for United States Letters Patent has been filed, or is being filed concurrently, in the United States Patent and Trademark Office. We hereby authorize and request Myers Bigel Sibley & Sajovec, P.A., to insert here in parentheses (Application No. 10/912,938, filed August 6, 2004) the filing date and application number of said application when known or to file this Assignment concurrently with the application; and

WHEREAS, **Integrated Device Technology, Inc.**, a Delaware corporation having a principal place of business at 2975 Stender Way, Santa Clara, California 95054, hereinafter referred to as assignee, is desirous of acquiring the entire right, title, and interest in and to said invention as described in said application, and in and to any and all Letters Patent which shall be granted therefor in the United States of America and all foreign countries;

NOW, THEREFORE, To Whom It May Concern, be it known that for good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, we have sold and by these presents do hereby sell, assign, transfer, and convey unto the said assignee, its successors and assigns, the entire right, title, and interest in and to the said invention and application, and in and to any and all continuations, continuations-in-part, or divisions thereof, and in and to any and all Letters Patent of the United States of America and all foreign countries or reissues thereof which may be granted therefor or thereon, for the full end of the term for which said Letters Patent may be granted, together with the right to claim the priority of said application in all foreign countries in accordance with the International Convention, the same to be held and enjoyed by said assignee, its successors and assigns, as

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PATENT
REEL: 015236 FRAME: 0997

Attorney Docket No. 5646-141 (IDT. Ref. 1966)

ASSIGNMENT - CONTINUED

fully and entirely as the same would have been held and enjoyed by me if this assignment and sale had not been made.

We hereby request that said Letters Patent be issued in accordance with this assignment.

We further covenant and agree that, at the time of the execution and delivery of these presents, we possess full title to the invention and application above-mentioned, and that we have the unencumbered right and authority to make this assignment.

We further covenant and agree to bind our heirs, legal representatives, and assigns promptly to communicate to said assignee or its representatives any facts known to us relating to said invention, to testify in any interference or legal proceedings involving said invention, to execute any additional papers which may be requested to confirm the right of the assignee, its representatives, successors, or assigns to secure patent or similar protection for the said invention in all countries and to vest in the assignee complete title to the said invention and Letters Patent, without further compensation, but at the expense of said assignee, its successors, assigns, and other legal representatives.

IN WITNESS WHEREOF, I have hereunto set my hand and seal on this 20th day of July, 2004.

Mario Au (SEAL)
Mario Au

STATE OF CALIFORNIA)
COUNTY OF SANTA CLARA)

On July 20, 2004, before me, Christi Dawson
Date Notary Public

personally appeared Mario Au

personally known to me (or proved to me on the basis of satisfactory evidence) to be the person whose name is subscribed to the within instrument and acknowledged to me that he executed the same in his authorized capacity, and that by his signature on the instrument, the person or entity upon behalf of which the person acted, executed the instrument.

WITNESS my hand and official seal.
Christi Dawson (SEAL)
Notary Public Signature



Attorney Docket No. 5646-141 (IDT. Ref. 1966)

ASSIGNMENT - CONTINUED

IN WITNESS WHEREOF, I have hereunto set my hand and seal on this 20 day of July, 2004.

Jiann-Jeng Duh (SEAL)

STATE OF CALIFORNIA)

COUNTY OF SANTA CLARA)

On July 20, 2004, before me, Christi Dawson
Date Notary Public

personally appeared Jiann-Jeng Duh

personally known to me (or proved to me on the basis of satisfactory evidence) to be the person whose name is subscribed to the within instrument and acknowledged to me that he executed the same in his authorized capacity, and that by his signature on the instrument, the person or entity upon behalf of which the person acted, executed the instrument.

WITNESS my hand and official seal.

Christi Dawson (SEAL)
Notary Public Signature

