



To: Commissioner for Pate

103213201

Date: March 30, 2006  
Attorney Docket No. 5646-159IP

Please record the attached original documents or copy thereof.

1. Name of conveying party(ies):

- [1.] Tingjun Wen
- [2.] Tadeusz Kwasniewski

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

Integrated Device Technology, Inc.  
6024 Silver Creek Valley Rd.  
San Jose, California 95138



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.] March 29, 2006 [2.] March 29, 2006

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

4. Application Serial No. \_\_\_\_\_ Patent No. \_\_\_\_\_

If this document is being filed together with a new application, the execution date of the application is: [1.] March 29, 2006 [2.] March 30, 2006

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

Signature

March 30, 2006

Date

Total number of pages including cover sheet, attachments and document: 54

CERTIFICATE OF EXPRESS MAILING

Express Mail Label No. EV 854928206 US

Date of Deposit: March 30, 2006

I hereby certify that this correspondence is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR § 1.10 on the date indicated above and is addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450

Candi L. Riggs  
Candi L. Riggs

3-2656

Attorney Docket No. 5646-1591P (IDT Ref. 2085B)

**ASSIGNMENT**

THIS ASSIGNMENT, made by us, **Tingjun Wen**, citizen of Canada, residing at 39 Cambior Cres, Kanata, Ontario, K2T 1J5, Canada; and **Tadeusz Kwasniewski**, citizen of Canada, residing at 460 Highcroft Avenue, Ottawa, Ontario K1Z 5J2, Canada

WITNESSETH: That,

WHEREAS, we are the joint inventors of certain new and useful improvements in **PACKET PROCESSORS HAVING MULTI-FUNCTIONAL RANGE MATCH CELLS THEREIN** for which an application has been filed, or is being concurrently filed, 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. \_\_\_\_\_, filed \_\_\_\_\_) the filing date and application number of said application when known or to file this Assignment concurrently with the application;

WHEREAS, **Integrated Device Technology, Inc.**, a Delaware corporation having a principal place of business at 6024 Silver Creek Valley Rd., San Jose, California 95138, 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 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.

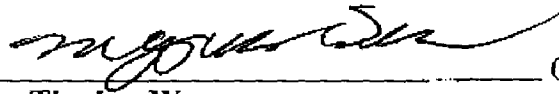
Attorney Docket No. 5646-159IP (IDT Ref. 2085B)

**ASSIGNMENT - CONTINUED**

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 29 day of March, 2006.



(SEAL)

Tingjun Wen

Witnessed by:

Print Name: Mike KelleyDate: March 29/06

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**REEL: 017741 FRAME: 0705**

Attorney Docket No. 5646-159IP (IDT Ref. 2085B)

**ASSIGNMENT - CONTINUED**

IN WITNESS WHEREOF, I have hereunto set my hand and seal on this 29 day  
of March, 2006.

T. Kwasniewski (SEAL)  
**Tadeusz Kwasniewski**

Witnessed by: [Signature]

TINGJIAN WEN  
Print Name

Date: March 29, 2006