

## PATENT ASSIGNMENT

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| SUBMISSION TYPE:   | NEW ASSIGNMENT                     |
| NATURE OF CONVEYANCE:  | ASSIGNMENT                         |
| CONVEYING PARTY DATA   |                                    |
| Name   | Execution Date                     |
| David Stuart Gibson  | 07/17/2013                         |
| Bruce Lorenz Chin  | 07/16/2013                         |
| RECEIVING PARTY DATA   |                                    |
| Name:  | Integrated Device Technology, Inc. |
| Street Address:  | 6024 Silver Creek Valley Rd.       |
| City:  | San Jose                           |
| State/Country:   | CALIFORNIA                         |
| Postal Code:   | 95138                              |
| PROPERTY NUMBERS Total: 1  |                                    |
| Property Type  | Number                             |
| Application Number:  | 13436324                           |
| CORRESPONDENCE DATA  |                                    |
| Fax Number:  |                                    |
| <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>   |                                    |
| Email:   | gbailey@myersbigel.com             |
| Correspondent Name:  | Gwen R. Bailey/MBSS                |
| Address Line 1:  | 4140 Parklake Avenue, Suite 600    |
| Address Line 4:  | Raleigh, NORTH CAROLINA 27612      |
| ATTORNEY DOCKET NUMBER:  | 5646-233                           |
| NAME OF SUBMITTER:   | Gwen R. Bailey                     |
| Signature:   | /grb/                              |
| Date:  | 07/17/2013                         |
| Total Attachments: 3<br>source=5646-233_Assignment#page1.tif<br>source=5646-233_Assignment#page2.tif<br>source=5646-233_Assignment#page3.tif |                                    |

CH \$40.00 13436324

**ASSIGNMENT**

THIS ASSIGNMENT, made by us, **David Stuart Gibson**, a citizen of the United States of America, residing at 5001 Burke Trail, Nolensville, TN 37135; and **Bruce Lorenz Chin**, a citizen of the United States of America, residing at 123 Fayetteville Road, Decatur, GA 30030;

WITNESSETH: That,

WHEREAS, we are the joint inventors of certain new and useful improvements in **TIMING CONTROLLERS HAVING PARTITIONED PIPELINED DELAY CHAINS THEREIN** for which U.S. Application No. 13/436,324 was filed on March 30, 2012 in the United States Patent and Trademark Office; and

WHEREAS, **Integrated Device Technology, Inc.**, a Delaware corporation having a principal place of business at 6024 Silver Creek Valley Rd., San Jose, CA 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 us if this assignment and sale had not been made.

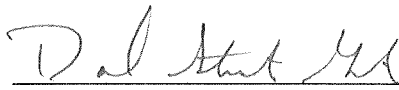
**ASSIGNMENT - CONTINUED**

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 17 day of July, 2013.

 (SEAL)  
**David Stuart Gibson**

**ASSIGNMENT - CONTINUED**

IN WITNESS WHEREOF, I have hereunto set my hand and seal on this 16 day  
of July, 2013.



(SEAL)

**Bruce Lorenz Chin**