

PATENT ASSIGNMENT

Electronic Version v1.1
 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT										
NATURE OF CONVEYANCE:	ASSIGNMENT										
CONVEYING PARTY DATA											
<table border="1"> <thead> <tr> <th>Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>Shawn Bawell</td> <td>07/19/2012</td> </tr> <tr> <td>Jean-Marc Maurant</td> <td>07/19/2012</td> </tr> <tr> <td>Feng-Jung Huang</td> <td>07/19/2012</td> </tr> </tbody> </table>		Name	Execution Date	Shawn Bawell	07/19/2012	Jean-Marc Maurant	07/19/2012	Feng-Jung Huang	07/19/2012		
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Feng-Jung Huang	07/19/2012										
RECEIVING PARTY DATA											
<table border="1"> <tr> <td>Name:</td> <td>Integrated Device Technology, Inc.</td> </tr> <tr> <td>Street Address:</td> <td>6024 Silver Creek Valley Road</td> </tr> <tr> <td>City:</td> <td>San Jose</td> </tr> <tr> <td>State/Country:</td> <td>CALIFORNIA</td> </tr> <tr> <td>Postal Code:</td> <td>95138</td> </tr> </table>		Name:	Integrated Device Technology, Inc.	Street Address:	6024 Silver Creek Valley Road	City:	San Jose	State/Country:	CALIFORNIA	Postal Code:	95138
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PROPERTY NUMBERS Total: 1											
<table border="1"> <thead> <tr> <th>Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>13539409</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	13539409						
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CORRESPONDENCE DATA											
<p>Fax Number: <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i></p> <p>Phone: 605-343-2128</p> <p>Email: TRACYPARRIS@q.com</p> <p>Correspondent Name: TRACY PARRIS</p> <p>Address Line 1: 6201 MAGIC CANYON ROAD</p> <p>Address Line 4: RAPID CITY, SOUTH DAKOTA 57702</p>											
ATTORNEY DOCKET NUMBER:	IDT-2842A										
NAME OF SUBMITTER:	Tracy Parris										
<p>Total Attachments: 6</p> <p>source=IDT-2842A_Assign_SBr#page1.tif</p> <p>source=IDT-2842A_Assign_SBr#page2.tif</p> <p>source=IDT-2842A_Assign_JMM#page1.tif</p> <p>source=IDT-2842A_Assign_JMM#page2.tif</p> <p>source=IDT-2842A_Assign_FJH#page1.tif</p> <p>source=IDT-2842A_Assign_FJH#page2.tif</p>											

OP \$40.00 13539409

ASSIGNMENT OF INVENTION

For good and valuable consideration, receipt of which is hereby acknowledged, I, Shawn Bawell, a citizen of the United States of America, residing at 169 Amherst St., Amherst, New Hampshire 03031 ("Assignor"), I, Jean-Marc Maurant, a citizen of the United States of America, residing at 39 Depot St., Dunstable, Massachusetts 01827 ("Assignor") and I, Feng-Jung Huang, a citizen of Taiwan, residing at 13507 Charter Bend Drive, San Antonio, Texas 78231 ("Assignor"), effective on the date of my signature below, hereby and forever sell, assign and transfer to my employer, Integrated Device Technology, Inc., an entity incorporated in the state of Delaware and having a place of business at 6024 Silver Creek Valley Road, San Jose, California 95138 ("Assignee"), and its successors or assigns, the entire worldwide right, title and interest, in and to all inventions described in a patent application for my inventions entitled,

MULTI-BIT CELL ATTENUATOR

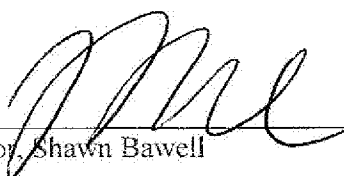
(hereinafter referred to as "the inventions") including, but not limited to, all right, title and interest in and to each and every type and variety of original and subsequent patent application and patent for the inventions, and any rights of priority thereto or therefore, in each and every country throughout the world.

In view of this complete assignment of all my right, title and interest in and to the inventions that provides immediate and fully vested right, title and interest therein to Assignee, with no remaining interest to myself (Assignor), Assignor agrees that Assignee is hereby entitled to unilaterally make all decisions pertaining to the inventions without any input or authorization by Assignor and that all patents for the inventions throughout the world shall be issued solely to Assignee, its successors or assigns.

Upon request, Assignor will promptly assist Assignee, its successors or assigns, and their representatives, without charge by Assignor but at their expense, with any and all matters pertaining to the inventions, including, but not limited to, discussing, signing, attesting, preparing, filing, prosecuting, continuing, dividing, issuing, reissuing, reexamining, renewing, extending, enforcing and any other issue pertaining to patent applications and patents for the inventions in any country throughout the world. As such, Assignor will promptly sign all papers, take all rightful oaths and do all other acts Assignor is called upon to do for all matters pertaining to the inventions.

Assignor agrees that each copy of this Assignment of Invention is as legally valid and binding as the original of this Assignment of Invention and may be filed in any country throughout the world to prove that Assignee is the sole owner of all right, title and interest in and to the inventions and all patents issued therefore.

Assignor warrants that all right, title and interest in and to the inventions herein conveyed to Assignee are free and clear of any and all encumbrances and that Assignor is solely entitled to convey the same to Assignee.


Assignor, Shawn Bawell

July 19, 2012
June

IDT-2842A

ASSIGNMENT OF INVENTION

STATE OF MASSACHUSETTS)
) SS
 COUNTY OF MIDDLESEX)

On this 15th day of JULY, 2012, before me personally appeared the above named Shawn Bawell, who is personally known to me or proved by satisfactory evidence to be Shawn Bawell and who executed this Assignment of Invention before me and acknowledged to me that he/she executed the same of his/her own free will for the use and purposes set forth therein.

 Notary Public

(SEAL)



My Commission Expires: 9/8/17

Jean-Marc Mourant
 Assignor, Jean-Marc Mourant

July 15, 2012

STATE OF)
) SS
 COUNTY OF)

On this _____ day of June, 2012, before me personally appeared the above named Jean-Marc Mourant, who is personally known to me or proved by satisfactory evidence to be Jean-Marc Mourant and who executed this Assignment of Invention before me and acknowledged to me that he/she executed the same of his/her own free will for the use and purposes set forth therein.

 Notary Public

(SEAL)

My Commission Expires: _____

 Assignor, Feng-Jung Huang

June _____, 2012

STATE OF)
) SS
 COUNTY OF)

IDT-2842A

ASSIGNMENT OF INVENTION

On this _____ day of June, 2012, before me personally appeared the above named Feng-Jung Huang, who is personally known to me or proved by satisfactory evidence to be Feng-Jung Huang and who executed this Assignment of Invention before me and acknowledged to me that he/she executed the same of his/her own free will for the use and purposes set forth therein.

Notary Public (SEAL)

My Commission Expires: _____

IDT-2842A

ASSIGNMENT OF INVENTION

STATE OF)
) SS
COUNTY OF)

On this _____ day of June, 2012, before me personally appeared the above named Shawn Bawell, who is personally known to me or proved by satisfactory evidence to be Shawn Bawell and who executed this Assignment of Invention before me and acknowledged to me that he/she executed the same of his/her own free will for the use and purposes set forth therein.

Notary Public (SEAL)

My Commission Expires: _____


Assignor, Jean-Marc Maurant June _____, 2012

STATE OF)
) SS
COUNTY OF)

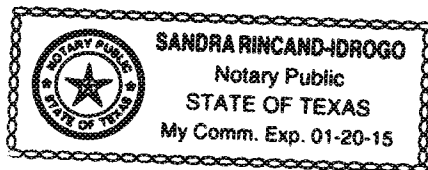
On this _____ day of June, 2012, before me personally appeared the above named Jean-Marc Maurant, who is personally known to me or proved by satisfactory evidence to be Jean-Marc Maurant and who executed this Assignment of Invention before me and acknowledged to me that he/she executed the same of his/her own free will for the use and purposes set forth therein.

Notary Public (SEAL)

My Commission Expires: _____


Assignor, Feng-Jung Huang July 19, 2012


STATE OF Texas)
) SS
COUNTY OF Bexar)



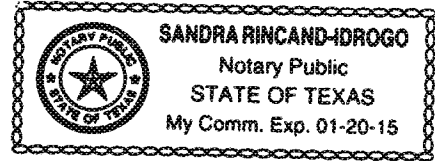
IDT-2842A

ASSIGNMENT OF INVENTION

On this 19 day of July, 2012, before me personally appeared the above named Feng-Jung Huang, who is personally known to me or proved by satisfactory evidence to be Feng-Jung Huang and who executed this Assignment of Invention before me and acknowledged to me that he/she executed the same of his/her own free will for the use and purposes set forth therein.


Notary Public

(SEAL)



My Commission Expires: 01/20/15

IDT-2842A

PATENT

RECORDED: 09/19/2012

REEL: 028982 FRAME: 0475