

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

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 Mourant, 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

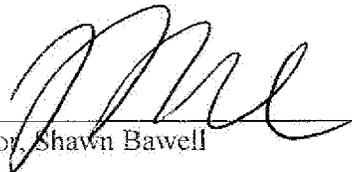
(hereinafter referred to as "the inventions") including, but not limited to, all right, title and interest in and to each and every type and variety of original and subsequent patent application and patent for the inventions, and any rights of priority thereto or therefore, in each and every country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

On this 19 day of ~~June~~ 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.

Gindy a Wood (SEAL)
Notary Public

My Commission Expires: OREN A. WOODS, Notary Public
My Commission Expires October 20, 2015

_____, June _____, 2012
Assignor, Jean-Marc Mourant

STATE OF _____)
COUNTY OF _____) SS

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.

_____, (SEAL)
Notary Public

My Commission Expires: _____

_____, June _____, 2012
Assignor, Feng-Jung Huang

STATE OF _____)
COUNTY OF _____) SS

IDT-2842A

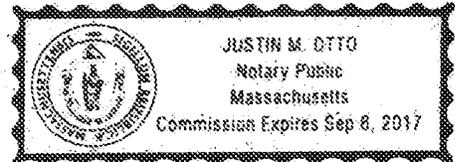
ASSIGNMENT OF INVENTION

STATE OF MASSACHUSETTS)
) SS
COUNTY OF MIDDLESEX)

On this 19th 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.

[Handwritten Signature]
.....
Notary Public

(SEAL)



My Commission Expires: 9/8/17

Jean-Marc Mourant
Assignor, Jean-Marc Mourant

July 19, 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 Mourant June _____, 2012

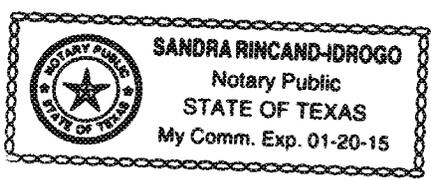
STATE OF)
) SS
COUNTY OF)

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: _____

[Signature]
Assignor, Feng-Jung Huang July
June 19, 2012

STATE OF Texas)
) SS
COUNTY OF Bexar)



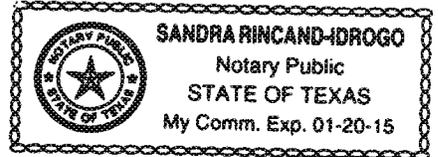
IDT-2842A

ASSIGNMENT OF INVENTION

On this 19 day of ~~June~~ ^{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