

PATENT ASSIGNMENT

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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>Rino Micheloni</td> <td>12/06/2011</td> </tr> <tr> <td>Alessia Marelli</td> <td>12/06/2011</td> </tr> <tr> <td>Peter Z. Onufryk</td> <td>12/16/2011</td> </tr> </tbody> </table>		Name	Execution Date	Rino Micheloni	12/06/2011	Alessia Marelli	12/06/2011	Peter Z. Onufryk	12/16/2011
Name	Execution Date								
Rino Micheloni	12/06/2011								
Alessia Marelli	12/06/2011								
Peter Z. Onufryk	12/16/2011								
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>13330573</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	13330573				
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Application Number:	13330573								
CORRESPONDENCE DATA									
Fax Number:	(408)354-4448								
Phone:	408-354-4448								
Email:	glass@patentforce.com								
<i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent via US Mail.</i>									
Correspondent Name:	GLASS & ASSOCIATES								
Address Line 1:	P.O. BOX 1220								
Address Line 4:	LOS GATOS, CALIFORNIA 95031-1220								
ATTORNEY DOCKET NUMBER:	IDT-074-UT								
NAME OF SUBMITTER:	Kenneth Glass								
Total Attachments: 4 source=2784AssAll#page1.tif source=2784AssAll#page2.tif source=2784AssAll#page3.tif source=2784AssAll#page4.tif									

OP \$40.00 13330573

FOR GOOD AND VALUABLE CONSIDERATION,

We, the undersigned (each) have agreed and hereby agree to assign for good and valuable consideration, receipt of which is hereby expressly acknowledged, and do hereby sell, assign and transfer unto

Integrated Device Technology, Inc.

a corporation organized under the laws of the state of Delaware as Assignee, and its successors, assigns and legal representatives, the entire right, title and interest, for all countries in and to certain inventions relating to

SHUFFLER ERROR CORRECTION CODE SYSTEM AND METHOD

described in an application for Letters Patent of the United States, identified as Attorney Docket No. IDT-2784-U1, at Glass & Associates, PO Box 1220, Los Gatos, CA 95031-1220 and the invention(s) and improvement(s) set forth therein, and any and all continuations, continuations-in-part, divisionals, and renewals of and substitutes for said application for said Letters Patent, and all the rights and privileges under any and all Letters Patent that may be granted therefor in any country, and any reissues, or reexaminations, or extensions of said Letters Patent. We request that any and all Letters Patent for said inventions be issued to said Assignee, its successors, assigns and legal representatives, or to such nominees as it may designate.

We agree that, when requested, we will, without charge to said Assignee but at its expense, sign all papers, take all rightful oaths, and do all acts which may be necessary, desirable or convenient for securing and maintaining patents for said inventions in any and all countries and for vesting title thereto in said Assignee, its successors, assigns and legal representatives or nominees.

We authorize and empower the said Assignee, its successors, assigns and legal representatives or nominees, to invoke and claim for any application for patent or other form of protection for said inventions filed by it or them, the benefit of the right of priority provided by the International Convention for the Protection of Industrial Property, as amended, or by any convention which may henceforth be substituted for it, and to invoke and claim such right of priority without further written or oral authorization from us.

We hereby consent that a copy of this assignment shall be deemed a full legal and formal equivalent of any assignment, consent to file or like document which may be required in any country for any purpose and more particularly in proof of the right of the said Assignee or nominee to claim the aforesaid benefit of the right of priority provided by the International convention which may henceforth be substituted for it.

We covenant with said Assignee, its successors, assigns and legal representatives, that the rights and property herein conveyed are free and clear of any encumbrance, and that we have full right to convey the same as herein expressed.

IN WITNESS WHEREOF, we have hereunto signed our names on the day and year set forth below.

.....
Inventor's Signature

.....
DATE

Rino Micheloni
.....
Inventor's Printed Name

.....
Witness #1 Signature

.....
Witness #2 Signature

.....
Witness #1 Name-Printed

.....
Witness #2 Name-Printed

ASSIGNMENT OF PATENT APPLICATION

IDT-2784-UT

.....
Inventor's Signature

.....
DATE

Alessia Marelli
Inventor's Printed Name

.....
Witness #1 Signature

.....
Witness #2 Signature

.....
Witness #1 Name-Printed

.....
Witness #2 Name-Printed

Peter Z. Omufryk
Inventor's Signature

12/16/2011
DATE

Peter Z. Omufryk
Inventor's Printed Name

STATE OF New Jersey)
COUNTY OF Morris) SS

On this 16th day of December, 2011, before me personally came the above named Peter Z. Omufryk who is personally known by me or proved to me on the basis of satisfactory evidence to be the same individual who executed the foregoing assignment, and who acknowledged to me that he/she executed the same of his/her own free will for the use and purposes therein set forth

[Signature]
NOTARY PUBLIC
My Commission Expires: JUNE 1, 2012

Angela Chaparyan
Notary Public
New Jersey
My Commission Expires 6-1-2012

FOR GOOD AND VALUABLE CONSIDERATION,

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Integrated Device Technology, Inc.

a corporation organized under the laws of the state of Delaware as Assignee, and its successors, assigns and legal representatives, the entire right, title and interest, for all countries in and to certain inventions relating to

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described in an application for Letters Patent of the United States, identified as Attorney Docket No. IDT-2784-UT, at Glass & Associates, PO Box 1220, Los Gatos, CA 95031-1220 and the invention(s) and improvement(s) set forth therein, and any and all continuations, continuations-in-part, divisionals, and renewals of and substitutes for said application for said Letters Patent, and all the rights and privileges under any and all Letters Patent that may be granted therefor in any country, and any reissues, or reexaminations, or extensions of said Letters Patent. We request that any and all Letters Patent for said inventions be issued to said Assignee, its successors, assigns and legal representatives, or to such nominees as it may designate.


We agree that, when requested, we will, without charge to said Assignee but at its expense, sign all papers, take all rightful oaths, and do all acts which may be necessary, desirable or convenient for securing and maintaining patents for said inventions in any and all countries and for vesting title thereto in said Assignee, its successors, assigns and legal representatives or nominees.

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We covenant with said Assignee, its successors, assigns and legal representatives, that the rights and property herein conveyed are free and clear of any encumbrance, and that we have full right to convey the same as herein expressed.

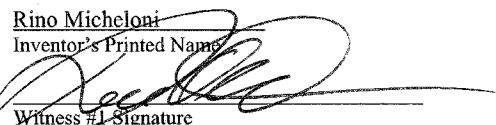
IN WITNESS WHEREOF, we have hereunto signed our names on the day and year set forth below.



Inventor's Signature

12/06/2011

DATE

Rino Micheloni
Inventor's Printed Name


Witness #1 Signature



Witness #2 Signature

DOMENICO OTTIANO

Witness #1 Name-Printed

ALESSANDRA COLOMBO

Witness #2 Name-Printed

ASSIGNMENT OF PATENT APPLICATION

IDT-2784-UT

Alessia Marelli
Inventor's Signature

12/06/2011
DATE

Alessia Marelli
Inventor's Printed Name

[Signature]
Witness #1 Signature

Domenico Ottiano
Witness #1 Name-Printed

[Signature]
Witness #2 Signature

Alessandra Colombo
Witness #2 Name-Printed

Inventor's Signature

DATE

Peter Z. Onufryk
Inventor's Printed Name

STATE OF _____)
) SS
COUNTY OF _____)

On this _____ day of _____, _____, before me personally came the above named Peter Z. Onufryk who is personally known by me or proved to me on the basis of satisfactory evidence to be the same individual who executed the foregoing assignment, and who acknowledged to me that he/she executed the same of his/her own free will for the use and purposes therein set forth.

NOTARY PUBLIC
My Commission Expires: _____