

## PATENT ASSIGNMENT

Electronic Version v1.1  
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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>Alessia Marelli</td> <td>02/20/2013</td> </tr> <tr> <td>Rino Micheloni</td> <td>02/20/2013</td> </tr> <tr> <td>Christopher I. W. Norrie</td> <td>02/12/2013</td> </tr> <tr> <td>Peter Z. Onufryk</td> <td>03/05/2013</td> </tr> </tbody> </table>		Name	Execution Date	Alessia Marelli	02/20/2013	Rino Micheloni	02/20/2013	Christopher I. W. Norrie	02/12/2013	Peter Z. Onufryk	03/05/2013
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Christopher I. W. Norrie	02/12/2013										
Peter Z. Onufryk	03/05/2013										
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>13785848</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	13785848						
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CORRESPONDENCE DATA											
Fax Number: <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i> Phone: 408-354-4448 Email: glass@patentforce.com Correspondent Name: GLASS & ASSOCIATES Address Line 1: P.O. BOX 1220 Address Line 4: LOS GATOS, CALIFORNIA 95031-1220											
ATTORNEY DOCKET NUMBER:	IDT-2898-UT										
NAME OF SUBMITTER:	Kenneth Glass										
	This document serves as an Oath/Declaration (37 CFR 1.63).										

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Total Attachments: 12

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**COMBINED DECLARATION AND ASSIGNMENT****Title of  
Invention**

LAYER SPECIFIC ATTENUATION FACTOR LDPC DECODER

**DECLARATION**

As a below named inventor, I hereby declare that:

This declaration is directed to the attached application.

The above-identified application was made or authorized to be made by me.

I believe that I am the original inventor or an original joint inventor of a claimed invention in the application.

I hereby acknowledge that any willful false statement made in this declaration is punishable under 18 U.S.C. 1001 by fine or imprisonment of not more than five (5) years, or both.

Note to Inventor: 37 C.F.R. § 1.63(c) states: "A person may not execute an oath or declaration for an application unless that person has reviewed and understands the contents of the application, including the claims, and is aware of the duty to disclose to the Office all information known to the person to be material to patentability as defined in § 1.56."

**ASSIGNMENT**

FOR GOOD AND VALUABLE CONSIDERATION, receipt and sufficiency of which is hereby expressly acknowledged, I do hereby sell, assign and transfer unto Integrated Device Technology, Inc., a corporation organized under the laws of the state of Delaware, having an address of 6024 Silver Creek Valley Road, San Jose, CA 95138 (hereinafter referred to as "ASSIGNEE"), its successors, assigns and legal representatives, the full and exclusive right to said invention in the United States and its territorial possessions and in all foreign countries (including the right to claim priority to the aforesaid application under International Conventions, Treaties and Arrangements) and the entire right, title and interest in and to any and all Letters Patent which may be granted therefore in the United States and its territorial possessions and in any and all foreign countries and in and to any and all divisions, reissues, continuations, substitutions and renewals thereof.

I hereby authorize and request the Patent Office Officials in the United States and its territorial possessions and any and all foreign countries to issue any and all of said Letters Patent, when granted, to said ASSIGNEE as the assignee of my entire right, title and interest in and to the same, for the sole use and benefit of said Assignee, its successors and assigns, to the full end of the term for which said Letters Patent may be granted, as fully and entirely as the same would have been held by me had this Assignment and sale not been made.

Further, I agree that I will communicate to said ASSIGNEE or its representatives any facts known to me respecting said invention, and sign all lawful papers, execute all divisional, continuation, substitute, renewal and reissue applications, execute all necessary assignment papers to cause any and all of said Letters Patent to be issued to ASSIGNEE, make all rightful oaths, and, generally do everything possible to aid said ASSIGNEE, its successors and assigns, to obtain and enforce proper protection for said invention in the United States and its territorial possessions and in any and all foreign countries.

First Inventor (Legal Name): Alessia Marelli

Signature: \_\_\_\_\_

Date: \_\_\_\_\_

Second Inventor (Legal Name): Rino Micheloni

Signature: \_\_\_\_\_

Date: \_\_\_\_\_

Third Inventor (Legal Name): Christopher I. W. Norrie

Signature: Christopher I. W. Norrie

Date: 2/12/2013

Fourth Inventor (Legal Name): Peter Z. Onufryk

Signature: \_\_\_\_\_

Date: \_\_\_\_\_

First Inventor-Notarization or Witness of Signature:

On this \_\_\_\_\_ day of \_\_\_\_\_, 2013, before me personally came Alessia Marelli who is personally known by me, and who executed this document of his/her own free will.

\_\_\_\_\_  
Witness #1 Signature

\_\_\_\_\_  
Witness #2 Signature

\_\_\_\_\_  
Witness #1 Name-Printed

\_\_\_\_\_  
Witness #2 Name-Printed

Second Inventor-Notarization or Witness of Signature:

On this \_\_\_\_\_ day of \_\_\_\_\_, 2013, before me personally came Rino Micheloni who is personally known by me, and who executed this document of his/her own free will.

\_\_\_\_\_  
Witness #1 Signature

\_\_\_\_\_  
Witness #2 Signature

\_\_\_\_\_  
Witness #1 Name-Printed

\_\_\_\_\_  
Witness #2 Name-Printed

Third Inventor-Notarization or Witness of Signature:

STATE OF CALIFORNIA     )  
  ) ss.  
COUNTY OF SANTA CLARA )

On this 12 day of February, 2013, before me, Christopher L. W. Norrie, a Notary Public, State of California, duly commissioned and sworn, personally appeared, Christopher L. W. Norrie, who proved to me on the basis of satisfactory evidence to be the person whose name is/are subscribed to the within instrument and acknowledged to me that he/she executed the same in his/her authorized capacity, and that by his/her signature on this instrument the person, or the entity upon behalf of which the person acted, executed the instrument.

I certify under PENALTY OF PERJURY under the laws of the State of California that the foregoing paragraph is true and correct.

Witness my hand and official seal:

Leslie F. Hoffmann (notary seal)  
Signature/Seal



Fourth Inventor-Notarization or Witness of Signature:

STATE OF                     )  
  ) SS  
COUNTY OF                 )

On this \_\_\_\_\_ day of \_\_\_\_\_, 2013, before me personally came 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 document, 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.

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First Inventor (Legal Name): Alessia Marelli

Signature: Alessia Marelli

Date: 2/20/2013

Second Inventor (Legal Name): Rino Micheloni

Signature: Rino Micheloni

Date: 02/20/2013

Third Inventor (Legal Name): Christopher I. W. Norrie

Signature: \_\_\_\_\_

Date: \_\_\_\_\_

Fourth Inventor (Legal Name): Peter Z. Onufryk

Signature: \_\_\_\_\_

Date: \_\_\_\_\_



First Inventor-Notarization or Witness of Signature:

On this 21 day of FEBRUARY, 2013, before me personally came Alessia Marelli who is personally known by me, and who executed this document of his/her own free will.

Kenneth Curt  
Witness #1 Signature

Pamela Linton  
Witness #2 Signature

KENNETH CURT  
Witness #1 Name-Printed

PAMELA LINTON  
Witness #2 Name-Printed

Second Inventor-Notarization or Witness of Signature:

On this 21 day of FEBRUARY, 2013, before me personally came Rino Micheloni who is personally known by me, and who executed this document of his/her own free will.

Kenneth Curt  
Witness #1 Signature

Pamela Linton  
Witness #2 Signature

KENNETH CURT  
Witness #1 Name-Printed

PAMELA LINTON  
Witness #2 Name-Printed

[illegible]

I certify under PENALTY OF PERJURY under the laws of the State of California that the foregoing paragraph is true and correct.

\_\_\_\_\_  
Signature/Seal (notary seal)

STATE OF )  
 ) SS  
COUNTY OF )

Patent Application Docket No.: IDT-2898-UT

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First Inventor (Legal Name): Alessia Marelli

Signature: \_\_\_\_\_

Date: \_\_\_\_\_

Second Inventor (Legal Name): Rino Micheloni

Signature: \_\_\_\_\_

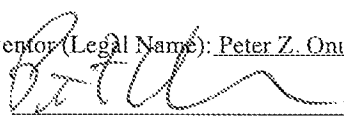
Date: \_\_\_\_\_

Third Inventor (Legal Name): Christopher I. W. Norrie

Signature: \_\_\_\_\_

Date: \_\_\_\_\_

Fourth Inventor (Legal Name): Peter Z. Onufryk

Signature: 

Date: 3/5/2013

First Inventor-Notarization or Witness of Signature:

On this \_\_\_\_\_ day of \_\_\_\_\_, 2013, before me personally came Alessia Marelli who is personally known by me, and who executed this document of his/her own free will.

\_\_\_\_\_  
Witness #1 Signature

\_\_\_\_\_  
Witness #2 Signature

\_\_\_\_\_  
Witness #1 Name-Printed

\_\_\_\_\_  
Witness #2 Name-Printed

Second Inventor-Notarization or Witness of Signature:

On this \_\_\_\_\_ day of \_\_\_\_\_, 2013, before me personally came Rino Micheloni who is personally known by me, and who executed this document of his/her own free will.

\_\_\_\_\_  
Witness #1 Signature

\_\_\_\_\_  
Witness #2 Signature

\_\_\_\_\_  
Witness #1 Name-Printed

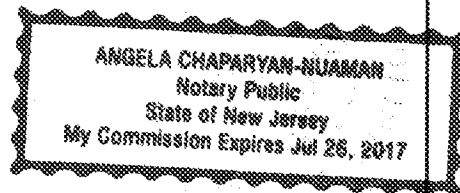
\_\_\_\_\_  
Witness #2 Name-Printed

[illegible]

I certify under PENALTY OF PERJURY under the laws of the State of California that the foregoing paragraph is true and correct.

\_\_\_\_\_  
Signature/Seal (notary seal)

STATE OF *New Jersey*  
 ) SS  
COUNTY OF *Morris*



On this 5<sup>th</sup> day of March, 2013, before me personally came 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 document, 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.