

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

EPAS ID: PAT3941789

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|---|----------------------------|
| SUBMISSION TYPE: | NEW ASSIGNMENT |
| NATURE OF CONVEYANCE: | ASSIGNMENT |
| CONVEYING PARTY DATA | |
| Name | Execution Date |
| ALESSANDRO CALDERONI | 06/21/2016 |
| DURAI VISHAK NIRMAL RAMASWAMY | 06/21/2016 |
| KIRK PRALL | 06/21/2016 |
| FERDINANDO BEDESCHI | 06/20/2016 |
| RECEIVING PARTY DATA | |
| Name: | MICRON TECHNOLOGY, INC. |
| Street Address: | 8000 SOUTH FEDERAL WAY |
| City: | BOISE |
| State/Country: | IDAHO |
| Postal Code: | 83716-9632 |
| PROPERTY NUMBERS Total: 1 | |
| Property Type | Number |
| Application Number: | 15188886 |
| CORRESPONDENCE DATA | |
| Fax Number: | (303)473-2720 |
| <i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.</i> | |
| Phone: | 303-473-2700 |
| Email: | jjmulhern@hollandhart.com |
| Correspondent Name: | MICHAEL L. DRAPKIN |
| Address Line 1: | HOLLAND & HART LLP |
| Address Line 2: | P.O. BOX 11583 |
| Address Line 4: | SALT LAKE CITY, UTAH 84147 |
| ATTORNEY DOCKET NUMBER: | P113 (88231.0348) |
| NAME OF SUBMITTER: | MICHAEL L. DRAPKIN |
| SIGNATURE: | /Michael L. Drapkin/ |
| DATE SIGNED: | 06/29/2016 |
| Total Attachments: 6 | |
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ASSIGNMENT

WHEREAS, WE,

1. Alessandro Calderoni, a citizen of Italy, having a mailing address located at 8000 South Federal Way, Boise, Idaho, 83716-9632, and a resident of Boise, Idaho,
2. Durai Vishak Nirmal Ramaswamy, a citizen of India, having a mailing address located at 8000 South Federal Way, Boise, Idaho, 83716-9632, and a resident of Boise, Idaho,
3. Kirk Prall, a citizen of the United States of America, having a mailing address located at 8000 South Federal Way, Boise, Idaho, 83716-9632, and a resident of Boise, Idaho,
4. Ferdinando Bedeschi, a citizen of Italy, having a mailing address located at 8000 South Federal Way, Boise, Idaho, 83716-9632, and a resident of Biassono (MB), Italy,

have conceived of one or more processes, methods, machines, articles of manufacture, designs, compositions of matter, inventions, discoveries or new or useful improvements relating to **MEMORY CELL IMPRINT AVOIDANCE** (collectively the "INVENTIONS") for which WE have executed and/or may execute one or more patent applications therefor; and

WHEREAS, **MICRON TECHNOLOGY, INC.** (hereinafter "ASSIGNEE"), a Delaware corporation, having a place of business at 8000 South Federal Way, Boise, Idaho 83716-9632, U.S.A., desires to acquire or otherwise obtain the entire right, title, and interest in and to said INVENTIONS, including all inventions related thereto or thereof, all patent applications therefor, and all patents that have granted or may be granted hereafter thereon, including but not limited to those identified below.

NOW, THEREFORE, for good and valuable consideration, the receipt of which is hereby acknowledged, WE do hereby acknowledge that WE have sold, assigned, conveyed, and transferred, and by these presents do hereby sell, assign, convey, and transfer, unto ASSIGNEE, its successors, its legal representatives, and its assigns, the entire right, title, and interest throughout the world in and to said INVENTIONS, including all patent applications therefor that may have been filed or may be filed hereafter for said INVENTIONS in the United States, (and do hereby authorize ASSIGNEE and its representative to hereafter add herein such application number(s) and/or filing date(s) when known), and all divisional applications, renewal applications, continuation applications, continuation-in-part applications, and design applications thereof, and all issued patents of the United States which may have granted or may be granted hereafter thereon and all reissues, renewals, reexaminations, and extensions to any of the foregoing and all patents issuing thereon in the United States;

AND WE further do acknowledge and agree that WE have sold, assigned, conveyed, and transferred, and by these presents do hereby sell, assign, convey, and transfer, unto ASSIGNEE,

its successors, its legal representatives, and its assigns, all rights of priority under International Conventions, Treaties, or Agreements, and the entire right, title, and interest throughout the world in said INVENTIONS, including all inventions related thereto or thereof, and all patent applications therefor that may have been filed or may be filed hereafter for said INVENTIONS in any foreign country, countries, or treaty/union organizations, and all divisional applications, renewal applications, continuation applications, continuation-in-part applications, patent of addition applications, confirmation applications, validation applications, utility model applications, and design applications thereof, and all issued patents which may have granted or may be granted hereafter for said INVENTIONS in any country or countries foreign to the United States, and all reissues, renewals, reexaminations, and extensions thereof;

AND WE DO HEREBY authorize and request the Commissioner of Patents of the United States, and any Official of any country or countries foreign to the United States, whose duty it is to issue patents on applications or registrations, to issue all patents for said INVENTIONS to said ASSIGNEE, its successors, its legal representatives and its assigns, in accordance with the terms of this instrument;

AND WE DO HEREBY sell, assign, transfer, and convey to said ASSIGNEE, its successors, its legal representatives, and its assigns all claims for damages and all remedies arising out of or relating to any violation(s) of any of the rights assigned hereby that have or may have accrued prior to the date of assignment to said ASSIGNEE, or may accrue hereafter, including, but not limited to the right to sue for, seek, obtain, collect, recover, and retain damages and any ongoing or prospective royalties to which WE may be entitled, or that WE may collect for any infringement or from any settlement or agreement related to any of said patents before or after issuance;

AND WE HEREBY covenant and agree that WE will communicate promptly to said ASSIGNEE, its successors, its legal representatives, and its assigns, any facts known to us respecting said INVENTIONS, and will testify in any legal proceeding, sign all lawful papers, execute all applications and certificates, make all rightful declarations and/or oaths, and provide all lawful assistance to said ASSIGNEE, its successors, its legal representatives and its assigns, to obtain and enforce patent protection for said INVENTIONS in all countries;

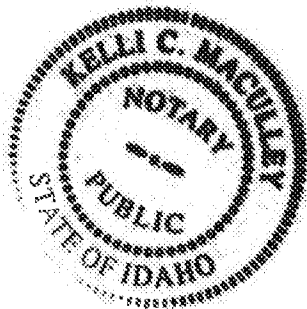
AND WE HEREBY covenant that WE will not execute any writing or do any act whatsoever conflicting with these presents.

IN TESTIMONY WHEREOF, I have hereunto set my hand this ____ day of _____, 20____

Alessandro Calderoni
Alessandro Calderoni

State of Idaho
County of Ada
On June 21, 2016 before me, Kelli Maculley appeared Alessandro Calderoni who proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity on behalf of which the person(s) acted, executed the instrument.

WITNESS my hand and official seal
Notary or Consular Officer Kelli Maculley
(Seal) EXP: 2/28/2018



IN TESTIMONY WHEREOF, I have hereunto set my hand this 21 day of June, 2016.

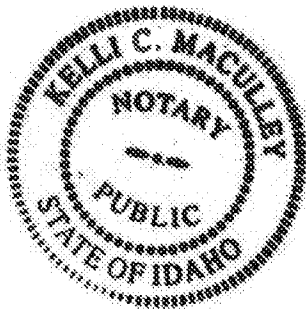
R. D. V. N. S. D.
Durai Vishak Nirmal Ramaswamy

State of Idaho
County of Ada

On June 21, 2016 before me, Kelli Maculley appeared Durai Vishak Nirmal Ramaswamy who proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity on behalf of which the person(s) acted, executed the instrument.

WITNESS my hand and official seal.
Notary or Consular Officer
(Seal)

Kelli Maculley
exp: 2/28/2018



IN TESTIMONY WHEREOF, I have hereunto set my hand this 21 day of June, 2016

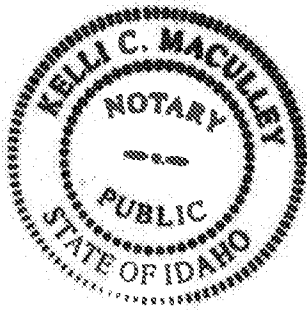
Kirk Prall
Kirk Prall

State of Idaho
County of Ada
On June 21, 2016 before me, Kelli Maculley appeared
Kirk Prall who proved to me on the basis of satisfactory evidence
to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged
to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by
his/her/their signature(s) on the instrument the person(s), or the entity on behalf of which the
person(s) acted, executed the instrument.

WITNESS my hand and official seal
Notary or Consular Officer
(Seal)

Kelli Maculley

Exp: 2/20/2018



IN TESTIMONY WHEREOF, I have hereunto set my hand this 20 day of JUNE, 20 16

Ferdinando Bedeschi
Ferdinando Bedeschi

Witnessed by:

Signature: Lucia Di Martino Printed Name: LUCIA DI MARTINO

Signature: Marco Defendi Printed Name: MARCO DEFENDI