

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
Stylesheet Version v1.2

EPAS ID: PAT4089514

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
MARLIN H. MICKLE	08/20/2014
VYASA SAI	08/20/2014
AJAY OGIRALA	08/20/2014
RECEIVING PARTY DATA	
Name:	UNIVERSITY OF PITTSBURGH-OF THE COMMONWEALTH SYSTEM OF HIGHER EDUCATION
Street Address:	130 THACKERAY AVENUE
Internal Address:	1ST FLOOR GARDNER STEEL CONFERENCE CENTER
City:	PITTSBURGH
State/Country:	PENNSYLVANIA
Postal Code:	15260
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	14804428
CORRESPONDENCE DATA	
Fax Number:	(412)566-6099
<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:	(412)566-6000
Email:	ipmail@eckertseamans.com
Correspondent Name:	ECKERT SEAMANS CHERIN & MELLOTT, LLC
Address Line 1:	600 GRANT STREET
Address Line 2:	44TH FLOOR
Address Line 4:	PITTSBURGH, PENNSYLVANIA 15219
ATTORNEY DOCKET NUMBER:	214001-01442-1-1 DIV
NAME OF SUBMITTER:	PHILIP E. LEVY
SIGNATURE:	/Philip E. Levy/
DATE SIGNED:	10/10/2016
Total Attachments: 5	
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ASSIGNMENT

In consideration of One Dollar (\$1.00) and other good and valuable consideration, the receipt of which is hereby acknowledged, we, **MARLIN H. MICKLE**, residing at 4601 Fifth Avenue, Apt. 723, Pittsburgh, Pennsylvania 15213, a citizen of the United States; **VYASA SAI**, residing at 5412 Ellsworth Avenue, Apt. C, Pittsburgh, Pennsylvania 15232, a citizen of India, and **AJAY OGIRALA**, residing at 4651 Centre Avenue, Apt. 38, Pittsburgh, Pennsylvania 15213, a citizen of India;

Hereby sell, assign and transfer to the **UNIVERSITY OF PITTSBURGH-OF THE COMMONWEALTH SYSTEM OF HIGHER EDUCATION**, a non-profit Pennsylvania corporation, having a place of business at 200 Gardner Steel Conference Center, O'Hara and Thackeray Streets, Pittsburgh, Pennsylvania 15260, in the County of Allegheny and Commonwealth of Pennsylvania, its successors, assigns and legal representatives, our entire right, title and interest, for all countries, in and to any and all improvements which are disclosed and claimed, and any and all improvements which are disclosed but not claimed, in United States Divisional Patent Application No. 14/464,853, filed on 08/21/2014 for **LOW-POWER PULSE WIDTH ENCODING SCHEME AND COUNTER-LESS SHIFT REGISTER THAT MAY BE EMPLOYED THEREWITH** (Attorney Docket No. 214001-01442-1 DIV; University Ref. 02472) which claims priority from United States Patent Application No. **13/568,663**, filed **August 7, 2012**, and further claims priority from Provisional Application No. **61/522,072**, filed **August 10, 2011**, and in and to said applications and all divisional, continuing, substitute, renewal, reissue and all other applications for Letters Patent which have been or shall be filed on any of said improvements disclosed in said applications; and in and to all original and reissued patents which have been or shall be issued on said improvements;

Authorize and request the Commissioner of Patents and Trademarks to issue to said Assignee, the **UNIVERSITY OF PITTSBURGH-OF THE COMMONWEALTH SYSTEM OF HIGHER EDUCATION**, its successors, assigns and legal representatives, in accordance with this Assignment, any and all United States Letters Patent on said improvements, or any of them, disclosed in said applications;

Agree that, when requested, without charge to but at the expense of said Assignee, its successors, assigns and legal representatives, to carry out in good faith the intent and purpose of

this Assignment we will, for all countries, execute all divisional, continuing, substitute, renewal, reissue, and all other patent applications on any and all said improvements; execute all rightful oaths and other papers; communicate to said Assignee, its successors, assigns and representatives, all facts known to us relating to said improvements and the history thereof; testify in all legal proceedings; and generally do everything possible which said Assignee, its successors, assigns or representatives shall consider desirable for aiding in securing, maintaining and enforcing proper patent protection for said improvements, and for vesting title to said improvements and all applications for patents and all patents on said improvements, in said Assignee, its successors, assigns and legal representatives;

Covenant with said Assignee, its successors, assigns and legal representatives that we have made to others no assignment, grant, mortgage, license or other agreement affecting the rights and property conveyed, and that we have full right to convey the same as herein expressed.

EXECUTED August 20, 2014

[Signature] (SEAL)

MARLIN H. MICKLE

New Hampshire

Commonwealth of Pennsylvania)

County of Court Carroll) SS:

Before me this 20 day of August, 2014, personally appeared MARLIN H. MICKLE, to me personally known to be the person who is described in and who executed the above instrument, and he acknowledged to me that he executed the same of his own free will for the purposes therein set forth.

Margaret F. Culverwell
Notary Public



EXECUTED 08/20 2014

S. Vyasa (SEAL)
VYASA SAI

California
Commonwealth of ~~Pennsylvania~~)
County of Sacramento) SS:

Before me this 20 day of August, 2014, personally appeared VYASA SAI, to me personally known to be the person who is described in and who executed the above instrument, and he acknowledged to me that he executed the same of his own free will for the purposes therein set forth.

PLEASE SEE ATTACHED
NOTARIAL CERTIFICATE

John M. Daly
Notary Public

NOTARY SEAL

ACKNOWLEDGMENT

State of California
County of Sacramento)

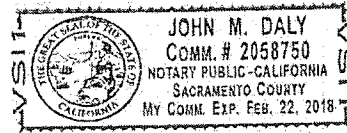
On 08/20/2014 before me, John M Daly Notary Public
(insert name and title of the officer)

personally appeared VYASA SAI
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 upon behalf of which the person(s) 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.

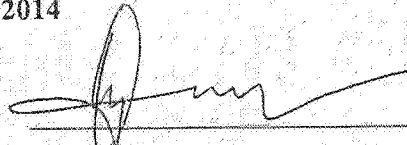
WITNESS my hand and official seal.

Signature John M Daly (Seal)



Assignment

EXECUTED AUGUST 20th 2014

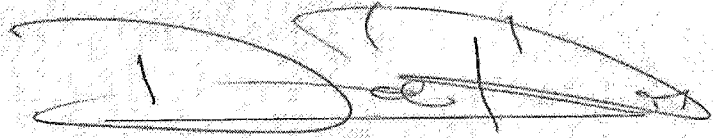


(SEAL)
AJAY OGIRALA

Commonwealth of ~~Pennsylvania~~ ^{NEW JERSEY})
County of BERGEN) SS:

Before me this 20 day of AUGUST, 2014, personally appeared
AJAY OGIRALA, to me personally known to be the person who is described in and who
executed the above instrument, and he acknowledged to me that he executed the same of his own
free will for the purposes therein set forth.

DAVID A. RILEY
NOTARY PUBLIC OF NEW JERSEY
ID # 2447324
My Commission Expires 6/23/2019



Notary Public

NOTARY SEAL