

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
Stylesheet Version v1.2

EPAS ID: PAT5917323

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
KRISHNA KUMAR MANIPPADY	12/23/2013
SURANI BIN DOLMANAN	12/23/2013
KAIXIN VIVIAN LIN	12/23/2013
HUI RU TAN	12/23/2013
SUDHIRANJAN TRIPATHY	12/23/2013
RECEIVING PARTY DATA	
Name:	AGENCY FOR SCIENCE, TECHNOLOGY AND RESEARCH
Street Address:	1 FUSIONOPOLIS WAY
Internal Address:	#20-10, CONNEXIS
City:	SINGAPORE, 138632
State/Country:	SINGAPORE
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	16701951
CORRESPONDENCE DATA	
Fax Number:	
<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>	
Email:	request@slwip.com
Correspondent Name:	SCHWEGMAN LUNDBERG & WOESSNER, P.A.
Address Line 1:	P.O. BOX 2938
Address Line 4:	MINNEAPOLIS, MINNESOTA 55402
ATTORNEY DOCKET NUMBER:	3145.114US2
NAME OF SUBMITTER:	ERIKA WATKINS
SIGNATURE:	/ Erika Watkins /
DATE SIGNED:	01/17/2020
Total Attachments: 5	
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RECORDATION FORM COVER SHEET
PATENTS ONLY

Atty Ref/Docket No.: 3145.114US2

Patent and Trademark Office

To the Director of the U.S. Patent and Trademark Office: Please record the attached original documents or copy thereof.

1. Name of conveying party(ies):

Krishna Kumar Manippady, Surani Bin Dolmanan,
Kaixin Vivian Lin, Hui Ru Tan, Sudhiranjan Tripathy

Additional name(s) of conveying party(ies) attached?

Yes No

2. Name and address of receiving party(ies):

Name: Agency for Science, Technology and Research

Street Address: 1 Fusionopolis Way
#20-10, Connexis

City: Singapore, 138632

Country: Singapore

3. Nature of conveyance:

Assignment Merger
 Security Agreement Change of Name
 Other

Additional name(s) & address(es) attached? Yes No

Execution Date: December 23, 2013, December 23,
2013, December 23, 2013, December 23, 2013,
December 23, 2013

4. Application number(s) or patent number(s):

If this document is being filed together with a new application, the execution date of the application is:

A. Patent Application No.(s)

Serial No. 16/701,951

B. Patent No.(s)

Additional numbers attached? Yes No

5. Name and address of party to whom correspondence concerning document should be mailed:

Name: Paul G. Kegley

Address:

Schwegman Lundberg & Woessner, P.A.
P.O. Box 2938
Minneapolis, Minnesota 55402

6. Total number of applications and patents involved: 1

7. Total fee (37 CFR 3.41): \$ 0.00

Enclosed

Authorized to be charged to deposit account 19-0743

8. Please charge any additional fees or credit any over payments to our Deposit Account No.: 19-0743

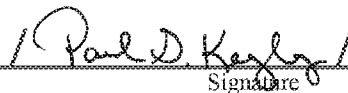
DO NOT USE THIS SPACE

9. Statement and signature.

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.

Paul G. Kegley/Reg. No. 60,336

Name of Person Signing



Signature

January 17, 2020

Date

Total number of pages including cover sheet: 5

Mail documents to be recorded with required cover sheet information to:

Commissioner of Patents and Trademarks
Mail Stop Assignment Recordation Services
P.O. Box 1450
Alexandria, VA 22313-1450

PATENT
REEL: 051546 FRAME: 0867

DEED OF ASSIGNMENT

THIS DEED made the 23rd day of December two thousand and thirteen (2013)
BETWEEN,

- (1) MANIPPADY, Krishna Kumar of
c/o Institute of Materials Research and Engineering
3 Research Link
Singapore 117602
- (2) BIN DOLMANAN, Surani of
c/o Institute of Materials Research and Engineering
3 Research Link
Singapore 117602
- (3) LIN, Kaixin Vivian of
c/o National University of Singapore
21 Lower Kent Ridge Road
Singapore 119077
- (4) TAN, Hui Ru of
c/o National University of Singapore
21 Lower Kent Ridge Road
Singapore 119077
- (5) TRIPATHY, Sudhiranjan of
c/o National University of Singapore
21 Lower Kent Ridge Road
Singapore 119077

[hereinafter referred to as "the Assignors"]

AND

- (1) Agency For Science, Technology And Research
1 Fusionopolis Way, #20-10, Connexis
Singapore 138632

[hereinafter referred to as "the Assignee"]

WHEREAS the Assignors warrant that the Assignors are the inventors of an invention relating to an invention entitled "A Semiconductor Device For High-Power Applications" [hereinafter referred to as "the Invention"], the subject of International

Patent Application No. **PCT/SG2013/000547**, including the designation of the United States of America [hereinafter referred to as "the Application"]

AND WHEREAS the Assignors have agreed to assign to the Assignee and the Assignee desires to take assignment of all rights, title and interest of the Assignors in and to the Invention and the Application,

NOW THIS DEED WITNESSETH

1. In consideration of the sum of one dollar (\$1) and other good and valuable consideration receipt of which is hereby acknowledged by the Assignors, the Assignors hereby assign to the Assignee all of his rights, title and interest in and to the Invention and the Application including:

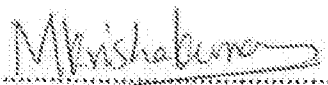

- (a) all rights and powers to make one or more applications for Letters Patent or other form of protection in the name of the Assignee in Singapore, the United States of America and in any other country of the world in respect of the Invention, and all rights, title and interest in and to any Letters Patent or other form of protection to mature from any such application,
- (b) the rights and powers to prosecute the Application and all rights, title and interest in and to any Patent or Patents granted thereon together with any extension of the term of any such Patent or Patents as may be granted, SAVE THAT nothing in this Deed shall prevent the filing or proceeding of an Application to which this Deed relates, in the name of the Assignors or Inventors where such filing or proceeding of such Application is beneficial to the interests of the Assignee
- (c) the rights and powers to seek protection in countries other than Singapore by way of Patent, Petty Patent, Utility Model, Design Patent or other appropriate form of protection for the Invention, by way of application(s) for such protection made to the appropriate authorities in such other country or countries as the Assignee in its complete discretion may elect, whether or not any such foreign application(s) be made claiming International Convention priority from the Application hereby assigned
- (d) any Copyright owned by the Assignors in and to any drawings relating to the subject matter of the Invention together with the rights and powers such as subsist at the date of this Deed
- (e) to apply for registration of Copyright, Design, Design-Patent or like protection in the name of the Assignee in Singapore and in any other country of the world in respect of the subject matter of the said drawings and to any registration of Copyright, Design-Patent or like protection which matures from any such application, together with the rights to sue in respect of any infringement of that Copyright which may have occurred before the date of this Deed

2. The Assignors agree, at the expense of the Assignee, to sign, execute and deliver all documents, forms and papers reasonably required to be produced or obtained by the Assignee in connection with any application for Letters Patent or other form of protection for the subject matter of the Invention, in Singapore or elsewhere.



IN WITNESS WHEREOF the Assignors and Assignee executed this Deed the day and year first hereinbefore written.

ASSIGNORS



SIGNED, SEALED and DELIVERED
By the said **MANIPPADY, Krishna Kumar**
in the presence of:


.....
.....
(Witness) [Nancy Wong Lai Mun]



SIGNED, SEALED and DELIVERED
By the said **BIN DOLMANAN, Surani**
in the presence of:


.....
.....
(Witness) [Nancy Wong Lai Mun]

SIGNED, SEALED and DELIVERED
By the said **LIN, Kaixin Vivian**
in the presence of:


.....
.....
(Witness) [Nancy Wong Lai Mun]

SIGNED, SEALED and DELIVERED
By the said **TAN, Hui Ru**
in the presence of:


.....
.....
(Witness) [Nancy Wong Lai Mun]

SIGNED, SEALED and DELIVERED
By the said TRIPATHY, Sudhīranjan
In the presence of:

Sudhīranjan
.....

[Signature]
.....
(Witness) *[Nancy Wong Lai Mun]*

ASSIGNEE

FOR AND ON BEHALF OF
By the said Agency For Science,
Technology And Research
in the presence of:

[Signature]
.....
(Witness) *CECILIA K&H*

[Signature]
..... SURESAN SAGHI
GENERAL COUNSEL
AGENCY FOR SCIENCE, TECHNOLOGY AND RESEARCH