505707465 10/04/2019

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2

EPAS ID: PAT5754275

SUBMISSION TYPE:	NEW ASSIGNMENT	
NATURE OF CONVEYANCE:	ASSIGNMENT	

CONVEYING PARTY DATA

Name	Execution Date
LU DING	04/16/2018
JINGHUA TENG	04/16/2018

RECEIVING PARTY DATA

Name:	AGENCY FOR SCIENCE, TECHNOLOGY AND RESEARCH
Street Address:	1 FUSIONOPOLIS WAY
Internal Address:	#20-10, CONNEXIS NORTH TOWER
City:	SINGAPORE
State/Country:	SINGAPORE
Postal Code:	138632

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	16498814

CORRESPONDENCE DATA

Fax Number: (312)474-0448

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.

Phone: (312) 474-6300

Email: docket@marshallip.com

MARSHALL, GERSTEIN & BORUN LLP **Correspondent Name:**

Address Line 1: 233 S. WACKER DRIVE Address Line 2: 6300 WILLIS TOWER

Address Line 4: CHICAGO, ILLINOIS 60606-6357

ATTORNEY DOCKET NUMBER:	31336/54701
NAME OF SUBMITTER:	CHRISTINE HILLS
SIGNATURE:	/Christine Hills/
DATE SIGNED:	10/04/2019

Total Attachments: 6

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DEED OF ASSIGNMENT

THIS DEED made the	16	day of	APRIL	two thousand and eighteen (2018
BETWEEN,				

DING, Lu

c/o Institute of Materials Research and Engineering 2 Fusionopolis Way, #08-03, Innovis, Singapore 138634

TENG, Jinghua

c/o Institute of Materials Research and Engineering 2 Fusionopolis Way, #08-03, Innovis, Singapore 138634

[hereinafter referred to as "the Assignors"]

AND

Agency for Science, Technology and Research

1 Fusionopolis Way, #20-10, Connexis North Tower, Singapore 138632

[hereinafter referred to as "the Assignee"]

WHEREAS the Assignors warrant that the Assignors are the true inventors of an invention with the title "Reconfigurable Laser Stimulated Lock-In Thermography For Micro-Crack Detection" [hereinafter referred to as "the Invention"] the subject of International Patent Application No. PCT/SG2018/050159, 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 desire to take assignment of all rights, title and interest of the Assignors in and to the Invention and the Application,

(4148112_1):NSR

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 their 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

(4148112_1):NSR

in connection with any application for Letters Patent or other form of protection for the subject matter of the Invention, in Singapore or elsewhere.

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

ASSIGNORS

(4148112_1):NSR

SIGNED, SEALED and DELIVERED By the said $\textbf{DING},\,\textbf{Lu}$

n the presence of	
n the presence of:	
Witness)	
BIGNED, SEALED and DELIVERED By the said TENG, Jinghua	
n the presence of:	
Witness)	
ASSIGNEE	
FOR AND ON BEHALF OF	
By the said	
Agency for Science, Technology and Research	SURESAN SACHI GENERAL COUNSEL
•	GENERAL COUNSEL AGENCY FOR SCIENCE, TECHNOLOGY AND RESEARCH
n the presence of:	
Witness) CECILIA KOH	
Witness) CECILIA KOH	

DEED OF ASSIGNMENT

THIS DEED made the	day of	two thousand and eighteen (2018
BETWEEN,		

DING, Lu

c/o Institute of Materials Research and Engineering 2 Fusionopolis Way, #08-03, Innovis,

TENG, Jinghua

Singapore 138634

c/o Institute of Materials Research and Engineering 2 Fusionopolis Way, #08-03, Innovis, Singapore 138634

[hereinafter referred to as "the Assignors"]

<u>AND</u>

Agency for Science, Technology and Research

1 Fusionopolis Way, #20-10, Connexis North Tower, Singapore 138632

[hereinafter referred to as "the Assignee"]

<u>WHEREAS</u> the Assignors warrant that the Assignors are the true inventors of an invention with the title "Reconfigurable Laser Stimulated Lock-In Thermography For Micro-Crack Detection" [hereinafter referred to as "the Invention"] the subject of International Patent Application No. PCT/SG2018/050159, 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 desire to take assignment of all rights, title and interest of the Assignors in and to the Invention and the Application,

(4148112_1):NSR

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 their 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, <u>SAVE THAT</u> 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.

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

ASSIGNORS

SIGNED, SEALED and DELIVERED By the said **DING**, **Lu**

	J 700 a
in the presence of:	
Andrew	
(Witness)	
SIGNED, SEALED and DELIVERED By the said TENG, Jinghua	
	16
in the presence of:	
18-27	
(Witness)	
ASSIGNEE	
FOR AND ON BEHALF OF By the said	
Agency for Science, Technology and Research	
in the presence of:	
(Witness)	

(4148112_1):NSR

RECORDED: 10/04/2019