PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
JOEL KWANG WEI YANG	10/19/2017
ZHAOGANG DONG	10/19/2017
RAMON PANIAGUA-DOMINGUEZ	10/19/2017
ARSENIY KUZNETSOV	10/19/2017
YEFENG YU	10/19/2017

RECEIVING PARTY DATA

Name:	AGENCY FOR SCIENCE, TECHNOLOGY AND RESEARCH
Street Address:	1 FUSIONOPOLIS WAY, #20-10 CONNEXIS NORTH TOWER
City:	SINGAPORE
State/Country:	SINGAPORE
Postal Code:	138634

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	16330764

CORRESPONDENCE DATA

Fax Number: (408)341-3098

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: 4048727000

Email: enrique.garcia@wbd-us.com, IPDocketing@wbd-us.com,

lester.vincent@wbd-us.com

Correspondent Name: WOMBLE BOND DICKINSON (US) LLP

Address Line 1: P.O. BOX 7037

Address Line 4: ATLANTA, GEORGIA 30357-0037

ATTORNEY DOCKET NUMBER:	9322P157
NAME OF SUBMITTER:	LESTER J. VINCENT
SIGNATURE:	/LESTER J. VINCENT/
DATE SIGNED:	05/13/2019

Total Attachments: 8

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DEED OF ASSIGNMENT

THIS DEED made the 19 day of October two thousand and seventeen (2017) BETWEEN,

YANG, Joel Kwang Wei

c/o Institute of Materials Research and Engineering,

2 Fusionopolis Way,

#08-03, Innovis,

Singapore 138634

Singapore

DONG, Zhaogang

c/o Institute of Materials Research and Engineering,

2 Fusionopolis Way,

#08-03, Innovis,

Singapore 138634

Singapore

PANIAGUA-DOMINGUEZ, Ramón

c/o Data Storage Institute,

2 Fusionopolis Way,

#08-01, Innovis,

Singapore 138634

Singapore

KUZNETSOV, Arseniy

c/o Data Storage Institute,

2 Fusionopolis Way,

#08-01, Innovis,

Singapore 138634

Singapore

YU, Yefeng

c/o Data Storage Institute,

2 Fusionopolis Way,

#08-01, Innovis,

Singapore 138634

Singapore

[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"]

(3570043):NSR

WHEREAS the Assignors warrant that the Assignors are the true inventor of an invention

with the title "A Method of Forming Nano-patterns On A Substrate"

[hereinafter referred to as "the Invention"] the subject of International Patent Application No.

PCT/SG2017/050440, including the designation of the United States of America

[hereinafter referred to as "the Application"]

AND WHEREAS the Assignor has 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,

, .

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

(3570043):NSR

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 Assignor 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.

(3570043):N5R

ASSIGNORS

SIGNED, SEALED and DELIVERED

By the said YANG, Joel Kwang Wei

in the presence of: DOING ZHAO GANG

(Witness)

SIGNED, SEALED and DELIVERED

By the said DONG, Zhaogang

WANG TAO

in the presence of:

(Witness)

SIGNED, SEALED and DELIVERED

By the said PANIAGUA-DOMINGUEZ, Ramón

in the presence of: DONG ZHAOGANG

Mangago

(Witness)

SIGNED, SEALED and DELIVERED

By the said KUZNETSOV, Arseniy

in the presence of:

RAMON PANIAGUA

(Witness)

(3570043):NSR

SIGNED, SEALED and DELIVERED

By the said YU, Yefeng

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in the presence of: DONG ZHAOGANG

Mangag

(Witness)

ASSIGNEE

FOR AND ON BEHALF OF

By the said

Agency for Science, Technology and Research

WOAR SACH!

in the presence of:

Kelver

(Witness) CECILIIA KO H

(3570043):NSR

PATENT REEL: 049164 FRAME: 0239

RECORDED: 05/13/2019