505661787 09/09/2019

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
EUK JIN ALEXANDER LING	12/20/2017
JAMES ANTHONY GRIEVE	12/20/2017

RECEIVING PARTY DATA

Name:	NATIONAL UNIVERSITY OF SINGAPORE	
Street Address:	21 LOWER KENT RIDGE ROAD	
City:	SINGAPORE	
State/Country:	SINGAPORE	
Postal Code:	119077	

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	16467315

CORRESPONDENCE DATA

Fax Number: (215)568-6499

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using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.

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Correspondent Name: C. FREDERICK KOENIG III
Address Line 1: VOLPE AND KOENIG, P.C.

Address Line 2: 30 SOUTH 17TH STREET, 18TH FLOOR Address Line 4: PHILADELPHIA, PENNSYLVANIA 19103

ATTORNEY DOCKET NUMBER:	VJPNUS-PT013	
NAME OF SUBMITTER:	C. FREDERICK KOENIG III	
SIGNATURE:	/C. Frederick Koenig III/	
DATE SIGNED:	09/09/2019	

Total Attachments: 2

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PATENT 505661787 REEL: 050316 FRAME: 0439

ASSIGNMENT

THIS ASSIGNMENT is made this 20th of December 2017 between:

LING Euk Jin Alexander, a citizen of Singapore c/o National University of Singapore of 21 Lower Kent Ridge Road, Singapore 119077;

James Anthony GRIEVE, a citizen of United Kingdom c/o National University of Singapore of 21 Lower Kent Ridge Road, Singapore 119077;

("the Assignors") of the one part; and

NATIONAL UNIVERSITY OF SINGAPORE of 21 Lower Kent Ridge Road, Singapore 119077.

("the Assignee") of the other part.

WHEREAS

- A. The Assignors jointly developed an invention relating to "<u>Random Number Generator and Method of Fabricating the Same</u>" ("the Invention"), which has been filed as Patent Cooperation Treaty (PCT) Application No. PCT/SG2017/050597 on 5 December 2017 claiming priority from U.S. Patent Application No. 62/430,509 on 6 December 2016 ("Patent Applications").
- B. The Assignors have previously agreed to assign and transfer to the Assignee all their rights, title and interests in the Invention and Patent Applications in all countries in the world ("the Territory") and that the Assignee should be substituted as the applicant in its place. They wish to formalise and confirm the assignment in this agreement ("Assignment").

NOW THIS ASSIGNMENT WITNESSETH AS FOLLOWS:

- In consideration of the sum of One Singapore dollar (S\$1) now paid by the Assignee to the Assignors, receipt of which the Assignors hereby acknowledge, the Assignors assign to the Assignee, free from all encumbrances, all right, title and interest in respect of the Invention and the Patent Applications, all divisions, continuations or reissues filed thereon, all patents granted thereon, and TOGETHER WITH their right to apply for and obtain patents or other similar forms of protection in respect of the Invention or any part or parts of the Invention in the Territory and the right to claim priority of the Patent Applications when making applications in the Territory TOGETHER WITH the right to bring proceedings for infringement in the Territory for any previous infringement TO HOLD the same unto the Assignee and its successors and assign absolutely.
- 2. The Assignors hereby covenant with the Assignee that the Assignors have the full right to convey the entire interest here assigned, have not done or knowingly suffered or been party or privy to any act or thing whereby the Assignors are prevented from assigning the Invention and the Patent Applications, and have not and will not execute any agreement in conflict herewith. The Assignors undertake they will not publish or disclose any particulars of the Invention and the Patent Applications to any person without the prior written consent of the Assignee.
- 3. At the request and cost of the Assignee, the Assignors shall execute all such documents and do all such acts as may be necessary to enable the Assignee or its successors, assigns, or other legal representatives to enjoy the full benefit of the rights confirmed and assigned by this Assignment including applying for and obtaining a patent or patents or other similar forms of protection in respect of the

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Invention in the Territory, vesting their right in the same in the Assignee when obtained, and testifying as to facts relating to the application and patents granted thereon in any litigation when requested to do so without further compensation, but at the expense of Assignee, its successors or other legal representatives.

4. This Assignment may be entered into in any number of counterparts, all of which taken together shall constitute one and the same instrument. Any party hereto may enter into this Assignment by signing any such counterpart.

IN WITNESS whereof the Assignors and Assignee have hereunto executed this Assignment the date and year first above written.

Assignee
Signed for and on behalf of NATIONAL UNIVERSITY OF SINGAPORE

Assignee

Convict Limited

Alexander Witness Name and signature

Witness Name and signature

in the presence of NATIONAL UNIVERSITY OF SINGAPORE

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> PATENT REEL: 050316 FRAME: 0441

RECORDED: 09/09/2019