

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
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SHULI PAN	07/19/2017
XIAO HUO	07/19/2017
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PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	15652645
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DATE SIGNED:	07/20/2017
Total Attachments: 2	
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Assignment by Inventors

THIS ASSIGNMENT, made by Xiaoyong HAN, Xiao HUO, and Shuli PAN,
(hereinafter referred to as Assignor), residing at
1/F NO. 12C, Tseng Tau Village, Sai Kung,
N.T., Hong Kong,
Flat E, 5/F, Blk 4, Jubilee Garden, Fotan,
Shatin, N.T., Hong Kong, and
Unit C, 24/F, Block 46, City One, Shatin, N.T.,
Hong Kong,
respectively;

WHEREAS, Assignors have invented certain new and useful improvements in
A Step Fin Field-Effect-Transistor (FinFET) with Slim Top of Fin and Thick Bottom
of Fin for Electro-Static-Discharge (ESD) or Electrical Over-Stress (EOS) Protection,
set forth in a Patent application for Letters Patent of the United States, filed 18-JUL-2017,
U.S. Application No. **15652645**; and

WHEREAS, Hong Kong Applied Science and Technology Research Institute Co.
Ltd., a Limited Liability Company organized under and pursuant to the laws of Hong
Kong, China having its principal place of business at 5/F, Photonics Center, 2 Science
Park East Avenue, Hong Kong Science Park, Shatin, New Territories, Hong Kong, China
(hereinafter referred to as Assignee), is desirous of acquiring the entire right, title and
interest in and to said inventions and said Application for Letters Patent of the United
States, and in and to any Letters Patent of the United States to be obtained therefore and
thereon.

NOW, THEREFORE, for good and sufficient consideration, the receipt of which
is hereby acknowledged, Assignors have sold, assigned, transferred and set over, and by
these presents do sell, assign, transfer and set over, unto Assignee, its successors, legal
representatives and assigns, the entire right, title and interest in and to the above-
mentioned inventions and application for Letters Patent, and in and to any and all direct
and indirect divisions, continuations and continuations-in-part of said application, and any
and all Letters Patent in the United States and all foreign countries which may be granted
therefore and thereon, and reissues, reexaminations and extensions of said Letters Patent,
and all rights under the International Convention for the Protection of Industrial Property,
the same to be held and enjoyed by Assignee, for its own use and benefit and the use and
benefit of its successors, legal representatives and assigns, to the full end of the term or
terms for which Letters Patent may be granted and/or extended, as fully and entirely as
the same would have been held and enjoyed by Assignors, had this sale and assignment
not been made.

AND for the same consideration, Assignors hereby represent and warrant to
Assignee, its successors, legal representatives and assigns, that, at the time of execution
and delivery of these presents, except for any rights, titles and/or interests that have arisen
to Assignee under law or that have already been transferred to Assignee, Assignors are
the sole and lawful owners of the entire right, title and interest in and to the said

inventions and application for Letters Patent above-mentioned, and that the same are unencumbered and that Assignors have good and full right and lawful authority to sell and convey the same in the manner herein set forth.

AND for the same consideration, Assignors hereby covenant and agree to and with Assignee, its successors, legal representatives and assigns, that Assignors will sign all papers and documents, take all lawful oaths and do all acts necessary or required to be done for the procurement, maintenance, enforcement and defense of any Letters Patent and applications for Letters Patent for said inventions, whenever counsel of Assignee, or counsel of its successors, legal representatives and assigns, shall advise: that any proceeding in connection with said inventions, or said Patent application for Letters Patent, or any proceeding in connection with any Letters Patent or applications for Letters Patent for said inventions in any country, including but not limited to interference proceedings, is lawful and desirable; or, that any division, continuation or continuation-in-part of any application for Letters Patent, or any reissue, reexamination or extension of any Letters Patent, to be obtained thereon, is lawful and desirable.

AND Assignors hereby request the Commissioner of Patent and Trademarks to issue said Letters Patent of the United States to Assignee, as Assignee of said inventions and the Letters Patent to be issued thereon, for the sole use and benefit of Assignee, its successors, legal representatives and assigns.

AND Assignors hereby grant the following individuals the power to insert on this Assignment any further identification which may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for recordation of this document:

_____ Stuart T. Auvinen _____

All practitioners at Customer Number: _____ 23933 _____

AND Assignors acknowledge an obligation of assignment of this invention to Assignee at the time the invention was made.

Date: _____ 2017.7.19 _____

_____ Han Xiaoyong _____
Xiaoyong HAN

Date: _____ July 19 - 2017 _____

_____ Xiao HUO _____
Xiao HUO

Date: _____ 2017.7.19 _____

_____ PAN, Shuli _____
Shuli PAN