PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
HIRAYAMA HIDEO	02/24/2018

RECEIVING PARTY DATA

Name:	WUHAN CHINA STAR OPTOELECTRONICS TECHNOLOGY CO., LTD	
Street Address:	BUILDING C5, BIOLAKE OF OPTICS VALLEY, NO. 666 GAOXIN AVENUE,	
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PROPERTY NUMBERS Total: 1

Property Type	Number	
Application Number:	16087085	

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NAME OF SUBMITTER:	ANDREW C. CHENG
SIGNATURE:	/Andrew C. Cheng, Reg. No. 60891/
DATE SIGNED:	09/20/2018

Total Attachments: 2

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PATENT 505104861 REEL: 046933 FRAME: 0068

ASSIGNMENT

In consideration of value received, the receipt and sufficiency of which are hereby acknowledged, the undersigned ASSIGNOR(S)

istrame: Hirayama HIUEO					
Residing at	No.9-2,Tangming Rd, Guangming New District, Shenzhen, Guangdong 518132 China				
hereby Under	an Obligation to sell, assign and transfer unto:				
WUHAN CHI	NA STAR OPTOELECTRONICS TECHNOLOGY CO., LTD. of				
Building C5, 8	Biolake of Optics Valley, No.666 Gaoxin Avenue, Wuhan East Lake High-tech				
<u>Development</u>	Zone, Wuhan, Hubei 430070 China (hereinafter referred as "ASSIGNEE"), its				
successors a	nd assigns, the entire right, title and interest in and to the invention known as				
ARRAY SUBS	STRATE AND MANUFACTURING METHOD THEREOF (hereinafter referred as				
"INVENTION"), for which a United States Patent Application was executed concurrently				
herewith or, if	not so executed, was:				
a.[]execute	od on				
b. [] filed on	, Application Serial No; or				
c. [X] establis Date: <u>2018-</u>	ned by PCT International Patent Application NoPCT/CN2018/073958				

an application for Letters Paterit of United States of America.

The undersigned agree(s) to execute all papers necessary in connection with this application for patent in the USPTO for the invention, and any continuation, divisional or reissue applications thereof and also to execute separate assignments in connection with such applications as the Assignee may deem necessary or expedient.

The undersigned agree(s) to execute all papers necessary in connection with any post-grant proceeding which may occur in connection with this application or continuation, divisional or reissue thereof and to cooperate with the Assignee in every way possible in obtaining evidence and going forward with such post-grant proceeding.

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The undersigned agree(s) to execute all papers and documents and perform any act which may be necessary in connection with claims or provisions of the International Convention for Protection of Industrial Property or similar agreements.

The undersigned agree(s) to perform all affirmative acts which may be necessary to obtain a grant of a valid United States patent to the Assignee.

AND the undersigned hereby authorize(s) and request(s) the United States Commissioner of Patents and Trademarks to issue said Letters Patent to the said ASSIGNEE, for its interest as ASSIGNEE, its successors, assigns and legal representatives; the undersigned agree(s) that the attorneys of record in said application, if any, shall hereafter act on behalf of said ASSIGNEE;

AND the undersigned hereby agree(s) to testify and execute any papers for ASSIGNEE, its successors, assigns and legal representatives, deemed essential by ASSIGNEE to ASSIGNEE's full protection and title in and to the invention hereby transferred.

Signature of			
1st Inventor	4/rayama H1D50 Executed	d Date	2018-02-24

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