505034497 08/03/2018

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
YU-HSIN CHENG	06/20/2018
CHIE-MING CHOU	06/20/2018

RECEIVING PARTY DATA

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City:	Tuen Mun	
State/Country:	CHINA	

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	15978547

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NAME OF SUBMITTER:	CALVIN H CHAI
SIGNATURE:	/Calvin H Chai/
DATE SIGNED:	08/03/2018

Total Attachments: 3

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PATENT 505034497 REEL: 046545 FRAME: 0985

Attorney Docket No.: US73349

ASSIGNMENT

THIS ASSIGNMENT, by:

CHIE-MING CHOU	المستنيد	The second secon
	, residing at	Hsinchu, Taiwan
	, residing at	X. 188
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METHODS, DEVICES REFINEMENT DURING		TEMS FOR BEAM
t forth in an application for Let	ters Patent of the Ur	nited States.
t forth in an application for Let] being executed concurrentl] filed on	y hereinwith; or	
] being executed concurrentled on <u>May 14, 2018</u> WHEREAS,	ly hereinwith; or , with U.S. Seria	
] being executed concurrently] filed on <u>May 14, 2018</u> WHEREAS, FG Innovation IP Con	y hereinwith; or , with U.S. Seria mpany Limited	l No. <u>15/978547</u>
] being executed concurrentled on <u>May 14, 2018</u> WHEREAS, FG Innovation IP Contactor duly and	y hereinwith; or, with U.S. Seria mpany Limited lawfully organized	
] being executed concurrentled on <u>May 14, 2018</u> WHEREAS, FG Innovation IP Contactor duly and	ly hereinwith; or, with U.S. Seria mpany Limited lawfully organized en Mun Central Squ	l No. <u>15/978547</u> . , and having a principal place c uare, 22 Hoi Wing Road, Tuen Mur

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thereon:

inventions and applications for Letters Patent of the United States, and in and to any Letters Patent or Patents, United States or foreign, to be obtained therefore and

Attorney Docket No.: US73349

NOW, THEREFORE, in consideration of one Dollar (\$1.00 USD) and other good and sufficient considerations, the receipt of which is hereby acknowledged, said Assignor has sold, assigned, transferred and set over, and by these presents does sell, assign, transfer and set over, unto said Assignee, its successors, legal representatives and assigns, Assignor's interest in the entire right, title and interest in and to the abovementioned inventions, application for Letters Patent, and any and all Letters Patent or Patents in the United States of America and all foreign countries which may be granted therefore and thereon, and in and to any and all divisions, continuations, and continuations-in-part of said application, or reissues or extensions of said Letters Patent or Patents, and all rights under the International Convention for the Protection of Industrial Property, the same to be held and enjoyed by said Assignee, for its own use and behalf and the use and behalf of its successors, legal representatives and assigns, to the full end of the term or terms for which Letters Patent or Patents may be granted, as fully and entirely as the same would have been held and enjoyed by the Assignor, had this sale and assignment not been made;

AND for the same consideration, said Assignor hereby covenants and agrees to and with said Assignee, its successors, legal representatives and assigns, that, at the time of execution and delivery of these presents, said Assignor is the lawful owner of the entire right, title and interest in and to said invention and the application for Letters Patent above mentioned, and that the same is unencumbered and that said Assignor has good and full right and lawful authority to sell and convey the same in the manner herein set forth;

AND for the same consideration, said Assignor hereby covenants and agrees to and with said Assignee, its successors, legal representatives and assigns, that said Assignor will, whenever counsel of said Assignee, or the counsel of its successors, legal representatives and assigns, shall advise that any proceeding in connection with said inventions, or said application for Letters Patent, or any proceeding in connection with Letters Patent for said inventions in any country, including interference proceedings, is lawful and desirable, or that any division, continuation or continuation-in-part of any application for Letters Patent, or any reissue or extension of any Letters Patent, to be obtained thereon, is lawful and desirable, 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 Letters Patent for said inventions, without charge to said Assignee, its successors, legal representatives and assigns, but at the cost and expense of said Assignee, its successors, legal representatives and assigns;

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ASSIGNOR(S) does/do hereby authorize ASSIGNEE or its patent agents or attorneys to insert, above, the jurisdictions, application numbers, filing dates and any other indicia identifying the Applications when such information is available for the purpose of recording this assignment.

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2.	CHIE-MING CHOU	74 }, 6.20 Date
3.		Date
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6.		Date
7.		
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