506713824 06/14/2021

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:		NEW ASSIGNMENT					
NATURE OF CONVEYANCE:		ASSIGNMENT					
CONVEYING PARTY	DATA		1				
			Name Execution Dat				
WEI-CHUAN SHIH				06/11/2021			
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RECEIVING PARTY D							
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PROPERTY NUMBERS Total: 2 Property Type			Number				
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		0200	1750				
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SIGNATURE:		/Sara K. Borrelli/					
DATE SIGNED:		06/14/2021					
DATE SIGNED:			06/14/2021				
DATE SIGNED: Fotal Attachments: 2			06/14/2021				
	Assignme	ent#pa	I				

ASSIGNMENT

Whereas, I/We, Wei-Chuan Shih, have invented certain new and useful improvements in "FABRICATION AND APPLICATIONS OF MULTIPLE SIDE-WINDOW, SIDE-FIRING OPTICAL FIBER", for which a provisional application was filed with the U.S. Patent and Trademark Office on August 31, 2016 and assigned Provisional Patent Application Number 62/381,730, for which an International Application was filed on August 31, 2017 and assigned PCT/US2017/049687, and for which a 371 National Stage Non-Provisional Utility Patent Application was filed on February 21, 2019 and assigned Application Number 16/326,986, and

Whereas, such inventions were, at the time of their conception and reduction to practice, subject to assignment obligations to the University of Houston System and the present assignment is intended to be effective as of the date of such conception and reduction to practice, and

Whereas, University of Houston System, of 4800 Calhoun Road, Houston, Texas 77004 (hereinafter referred to as "ASSIGNEE"), is desirous of confirming its ownership of and acquiring the entire right, title and interest in and to the said invention, and to the said applications and any Letters Patent that may issue thereon;

NOW, THEREFORE, for good and valuable consideration, the receipt of which is hereby acknowledged, I/we hereby sell, assign, and transfer unto said ASSIGNEE, its successors, assigns and legal representatives, the full and exclusive right, title and interest in and to said invention and in and to said applications, including all divisions, reissues, reexaminations, substitutions, continuations-in-part, and extensions thereof, and any other applications that have been, or may be, filed for the invention in the United States and in any foreign countries; and I/We hereby authorize and request the Commissioner for Patents and Trademarks or any such foreign counterpart to issue all patents for said inventions, or patents resulting therefrom to said ASSIGNEE of the entire right, title and interest.

I/We also hereby sell and assign to said ASSIGNEE, its successors, assigns and legal representatives, the entire right, title and interest to the invention disclosed in said application throughout the world, including the right to file applications and obtain patents, utility models, industrial models, and designs for said invention in its own name throughout the world including all rights of priority, all rights to publish cautionary notices reserving ownership of said invention and all rights to register said invention in appropriate registries; and I/we further agree to execute any and all powers of attorney, applications, assignments, declarations, affidavits, and any other papers in connection therewith necessary to perfect such rights, title and interest in ASSIGNEE, its successors, assigns and legal representatives.

I/We hereby warrant and covenant that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been or will be made to others.

I/We hereby further agree that I/we will communicate to said ASSIGNEE, or to its successors, assigns and legal representatives, any facts known to me/us respecting any improvements; and, at the expense of said ASSIGNEE, to testify in any legal proceedings, sign all lawful papers, execute all divisional, continuation, continuation-in-part, reissue, reexamination, and substitute applications, and make all lawful oaths, and generally do everything possible to vest title in said ASSIGNEE and to aid said ASSIGNEE, its successors,

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assigns and legal representatives to obtain and enforce proper protection for said invention and any improvements in the United States and all other countries.

IN WITNESS WHEREOF, I have hereunto set my hand and seal on the date below indicated.

Date:	6/11/2021	M			
			Inventor:	Wei-Chuan Shih	
			Address:	5342 Dumfries Drive Houston, Texas 77096 Citizen of United States of America	
State of		_)			
) ss.			
County of _		_)			

BEFORE ME, the undersigned authority, on this day personally appeared WEI-CHUAN SHIH, known to me to be the person of that name, who signed the foregoing instrument, and acknowledged the same to be his free act and deed.

GIVEN under my hand and official seal of office this day of , 2021.

Notary Public

Printed Name of Notary

(NOTARY SEAL)

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RECORDED: 06/14/2021