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SUBMISSION TYPE:		NEW ASSIGNMENT	NEW ASSIGNMENT			
NATURE OF CONVEYANCE:		ASSIGNMENT	ASSIGNMENT			
CONVEYING PARTY [ΑΤΑ					
		Name		Execution Date		
MAGLEN PTE LTD				11/25/2019		
RECEIVING PARTY D	ΑΤΑ					
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Application Number:		14281772				
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	be sent to	(360)294-6426 o the e-mail address first; i d; if that is unsuccessful, i				
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ASSIGNMENT OF PATENT APPLICATIONS

For good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, I/we, the undersigned,

Maglen Pte Ltd

hereby sell, assign, and transfer to

Tao Luo

having a principal place of residence at **#12-03, 269 Bedok South Ave 3, Singapore, 465488,** ("Assignee"),

and its successors, assigns, and legal representatives, the entire right, title, and interest for the United States and all foreign countries, in and to any and all inventions or improvements that are disclosed in the applications (provisional or non-provisional) for the United States patents which may have a declaration executed by the undersigned prior hereto or concurrently herewith

said patent applications identified in Table 1 included herewith,

and to each and all applications which claim priority to the identified applications and to which I, the undersigned, contributed material disclosed and/or claimed (I/we hereby authorize an attorney or agent for said Assignee to insert into Table 1 the title, application number and/or filing date of said patent applications or applications claiming priority, when known.)

and in and to said applications (provisional or non-provisional) and all provisional applications, non-provisional applications, utility applications, design applications, divisional applications, continuation applications, continued prosecution applications, continuation-in-part applications, substitute applications, renewal applications, reissue applications, reexaminations, extensions, and all other patent applications that have been or shall be filed in the United States and all foreign countries on any of said inventions or improvements; and in and to all original patents, reissued patents, reexamination certificates, and extensions, that have been or shall be issued in the United States and all foreign countries on said inventions or improvements; and in and to all rights of priority resulting from the filing of said applications;

agree that said Assignee may apply for and receive a patent or patents for said inventions or improvements in its own name; and that, when requested, without charge to, but at the expense of, said Assignee, its successors, assigns, and legal representatives, to carry out in good faith the intent and purpose of this Assignment, the undersigned will execute all provisional applications, non-provisional applications, utility applications, design applications, divisional applications, continuation applications, continued prosecution applications, reexaminations, extensions, and all other patent applications on any and all said inventions or improvements;

execute all rightful oaths, assignments, powers of attorney, and other papers; communicate to said Assignee, its successors, assigns, and representatives all facts known to the undersigned relating to said inventions or improvements and the history thereof; and generally assist said Assignee, its successors, assigns, or representatives in securing and maintaining proper patent protection for said inventions or improvements and for vesting title to said inventions or improvements, and all applications for patents and all patents on said inventions or improvements, in said Assignee, its successors, assigns, and legal representatives; and

> PATENT REEL: 051175 FRAME: 0030

covenant with said Assignee, its successors, assigns, and legal representatives that no assignment, grant, mortgage, license, or other agreement affecting the rights and property herein conveyed has been made to others by the undersigned, and that full right to convey the same as herein expressed is possessed by the undersigned.

TABLE 1

Attorney Code	Title	Application/Patent	Filing Date
FSP0852	Multi-column Electron Beam	14/281,772 9040910	05/19/2014
	Inspection that uses custom		
	printing methods		05/00/0010
FSP0852PROV	Multi-column Electron Beam	61/826,500	05/23/2013
	Inspection the uses custom		
	printing methods		
FSP0852TW	Multi-column Electron Beam	103117594	05/20/2014
	Inspection that uses custom		
	printing methods		
FSP0853	Permanent Magnet Based High	14/196,190 9,165,745	03/04/2014
	Performance Multi-Axis Immersion		
	Electron Lens Array with Low		
	Axial Leakage Field		
FSP0853PROV	Permanent Magnet Based High	61/775,656	03/10/2013
	Performance Multiaxis Immersion		
	Electron Lens Array with Low		
	Axial Leakage Field		
FSP0853TW	Permanent Magnet Based High	103107858	03/07/2014
	Performance Multiaxis Immersion		
	Electron Lens Array with Low		
	Axial Leakage Field		

Each Inventor: Please Sign and Date Below:

DocuSigned by: (ao w B9679645B1E1408..

11/25/2019

Signature

, Date

Tao Luo Printed/Typed Name

Assignment Document Return Address:

Tao Luo

#12-03, 269 Bedok South Ave 3, Singapore, 465488,