

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT	
NATURE OF CONVEYANCE:	ASSIGNMENT	
CONVEYING PARTY DATA		
	Name	Execution Date
	HAKJUN LEE	12/18/2017
RECEIVING PARTY DATA		
Name:	LSIS CO., LTD.	
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City:	ANYANG-SI, GYEONGGI-DO	
State/Country:	KOREA, REPUBLIC OF	
PROPERTY NUMBERS Total: 1		
	Property Type	Number
	Application Number:	15855646
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DATE SIGNED:	01/30/2018	
Total Attachments: 3		
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ASSIGNMENT

WHEREAS, the undersigned, to wit: [Hakjun LEE] (hereinafter "ASSIGNOR"), is the lawful owner of an invention entitled: [APPARATUS AND METHOD FOR ESTIMATING INITIAL POSITION OF ROTOR OF MOTOR], for which a priority patent application of the Republic of Korea was filed on [March 7, 2017] in the Korean Patent Office having Application Serial No. [10-2017-0028623];

AND WHEREAS, LSIS CO., LTD. (hereinafter "ASSIGNEE"), a corporation duly organized and existing under the laws of Republic of Korea and having its principal office and place of business at 127, LS-RO, DONGAN-GU, ANYANG-SI, GYEONGGI-DO, REPUBLIC OF KOREA 14119, desires to acquire the entire right, title, and interest therein;

NOW, THEREFORE, for good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, said ASSIGNOR hereby sell, assign, and transfer to 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 above identified application and in and to said application (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 application;

ASSIGNOR hereby 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 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, continuation-in-part applications, substitute applications, renewal applications, reissue 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

ASSIGNOR furthermore 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.

ASSIGNOR hereby authorize insertion of the Serial Number and filing date of this application in the following space: Serial No. 15/855646, Filing Date December 27, 2017

Signature

Date Signed

Name: [Hakjun LEE]

December 18, 2017

Address: 127, LS-RO, DONGAN-GU,
ANYANG-SI, GYEONGGI-DO,
REPUBLIC OF KOREA 14119