

## PATENT ASSIGNMENT COVER SHEET

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<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
JEONG GIL HEO	12/26/2017
CHAN HO BAEK	01/02/2018
BONG KYUN SEO	12/27/2017
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	HANON SYSTEMS
<b>Street Address:</b>	95, SINILSEO-RO, DAEDEOK-GU
<b>City:</b>	DAEJEON
<b>State/Country:</b>	KOREA, REPUBLIC OF
<b>Postal Code:</b>	34325
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	15745860
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	(248)988-8363
<i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.</i>	
<b>Phone:</b>	248-988-8360
<b>Email:</b>	docket@cgolaw.com
<b>Correspondent Name:</b>	KARIN H. BUTCHKO
<b>Address Line 1:</b>	CARLSON, GASKEY & OLDS, P.C.
<b>Address Line 2:</b>	400 WEST MAPLE ROAD, SUITE 350
<b>Address Line 4:</b>	BIRMINGHAM, MICHIGAN 48009
<b>ATTORNEY DOCKET NUMBER:</b>	67710-013 PUS1
<b>NAME OF SUBMITTER:</b>	KARIN H. BUTCHKO
<b>SIGNATURE:</b>	/Karin H. Butchko/
<b>DATE SIGNED:</b>	01/18/2018
<b>Total Attachments: 3</b>	
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**ASSIGNMENT**  
**(Joint Inventors)**

WHEREAS, we, **Jeong Gil Heo of 95, Sinilseo-ro, Daedeok-gu, Daejeon 34325, Republic of Korea; Chan Ho Baek of 95, Sinilseo-ro, Daedeok-gu, Daejeon 34325, Republic of Korea; and Bong Kyun Seo of 95, Sinilseo-ro, Daedeok-gu, Daejeon 34325, Republic of Korea;** (hereinafter referred to as Assignors) have invented new and useful improvements in:

**ROTOR FOR PERMANENT MAGNET EMBEDDED-TYPE MOTOR AND MOTOR  
 USING THE SAME**

which is set forth in an application for Letters Patent in the United States filed herewith, having Attorney Docket No. 67710-013 PUS1, which is a National Phase Application of International Application No. PCT/KR2016/014839 filed December 16, 2016, which claims priority to Korean Application No. KR 10-2015-0181794 filed December 18, 2015 and Korean Application No. KR 10-2015-0185435 filed December 23, 2015;

AND WHEREAS, **Hanon Systems** (hereinafter referred to as Assignee), of **95, Sinilseo-ro, Daedeok-gu, Daejeon 34325, Republic of Korea** is desirous of acquiring the entire right, title and interest in and to said invention and said application for Letters Patent of the United States, and in and to any Letters Patent or Patents, United States or foreign, to be obtained therefor and thereon:


NOW, THEREFORE, be it known by all whom it may concern, that for and in consideration of One Dollar (\$1.00) and other good and valuable consideration, the receipt of which is hereby acknowledged, the Assignors have assigned, sold and set over, and by these presents assign, sell and set over unto the Assignee, its successors, legal representatives and assigns, for the territory of the United States of America and all foreign countries, the entire right, title and interest in and to said invention, said application for Letters Patent, including the right to file and prosecute foreign patent applications corresponding to said application in foreign patent offices, and the right to claim the priority date of said United States patent application and any legal equivalents thereof, and any and all Letters Patent or Patents in the United States of America and all foreign countries which may be granted therefor and thereon, and to any and all divisions, continuations, and continuations-in-part of said application, or re-issues or extensions of said Letters Patent or Patents prepared and executed by Assignors on even date herewith, the same to be held and enjoyed by the Assignee, as fully and entirely as the same would have been held by the Assignors had this Assignment and sale not been made.

AND the Assignors hereby covenant and agree that the Assignors will at any time upon the request and at the expense of the Assignee execute and deliver any and all papers and do all lawful acts that may be necessary or desirable to perfect the title to said invention and to obtain Letters Patent therefor, and the Assignors hereby authorize and request the Commissioner of Patents to issue said Letters Patent to the said Assignee in accordance with this Agreement.

2017.12.26  
 Date

  
 Jeong Gil Heo

2018.1.02  
Date

  
\_\_\_\_\_  
Chan Ho Baek

\_\_\_\_\_  
Date

\_\_\_\_\_  
Bong Kyun Seo

**Please address all correspondence and telephone calls and, upon recordation, please return this document to:**

**Karin H. Butchko  
Carlson, Gaskey & Olds, P.C.  
400 W. Maple, Suite 350  
Birmingham, MI 48009  
(248) 988-8360**

\_\_\_\_\_  
Date

\_\_\_\_\_  
Chan Ho Baek

2019. 12. 27  
\_\_\_\_\_  
Date

서봉준  
\_\_\_\_\_  
Bong Kyun Seo

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(248) 988-8360**

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