PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT7403473

| SUBMISSION TYPE: | NEW ASSIGNMENT |
|-----------------------|----------------|
| NATURE OF CONVEYANCE: | ASSIGNMENT |

CONVEYING PARTY DATA

| Name | Execution Date |
|----------------|----------------|
| JIN HO CHOI | 05/27/2022 |
| SANG JIN PARK | 05/25/2022 |
| SOO HWAN PARK | 06/20/2022 |
| KYOUNG SOO CHA | 06/20/2022 |
| JAE HYUN KIM | 06/20/2022 |
| MYUNG SEOP LIM | 06/20/2022 |
| SUNG WOO HWANG | 06/20/2022 |

RECEIVING PARTY DATA

| Name: | HYUNDAI MOTOR COMPANY |
|-----------------|--------------------------------------------------------------------------|
| Street Address: | 12, HEOLLEUNG-RO, SEOCHO-GU |
| City: | SEOUL |
| State/Country: | KOREA, REPUBLIC OF |
| Postal Code: | 06797 |
| Name: | KIA CORPORATION |
| Street Address: | 12, HEOLLEUNG-RO, SEOCHO-GU |
| City: | SEOUL |
| State/Country: | KOREA, REPUBLIC OF |
| Postal Code: | 06797 |
| Name: | IUCF-HYU (INDUSTRY-UNIVERSITY COOPERATION FOUNDATION HANYANG UNIVERSITY) |
| Street Address: | 222, WANGSIMNI-RO, SEONGDONG-GU |
| City: | SEOUL |
| State/Country: | KOREA, REPUBLIC OF |
| Postal Code: | 04763 |

PROPERTY NUMBERS Total: 1

| Property Type | Number |
|---------------------|----------|
| Application Number: | 17850396 |

CORRESPONDENCE DATA

Fax Number:

PATENT

507356552 REEL: 060324 FRAME: 0194

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.

Phone: 312-291-0860

Email: akim@lsk-iplaw.com, docket-us@lsk-iplaw.com
Correspondent Name: LEMPIA SUMMERFIELD KATZ LLC (HMC/KMC)

Address Line 1: 20 SOUTH CLARK STREET

Address Line 2: SUITE 600

Address Line 4: CHICAGO, ILLINOIS 60603

| ATTORNEY DOCKET NUMBER: | 010300-22074A |
|-------------------------|-------------------|
| NAME OF SUBMITTER: | SEUNG-HYUN JANG |
| SIGNATURE: | /Seung-Hyun Jang/ |
| DATE SIGNED: | 06/27/2022 |

Total Attachments: 6

source=010300-22074_ASS as recorded#page1.tif source=010300-22074_ASS as recorded#page2.tif source=010300-22074_ASS as recorded#page3.tif source=010300-22074_ASS as recorded#page4.tif source=010300-22074_ASS as recorded#page5.tif source=010300-22074_ASS as recorded#page6.tif

PATENT REEL: 060324 FRAME: 0195 Hyundai Counsel Case No.: FP22-245/HMC/US Atty. Docket No.: 010300-22074A-US

U.S. Application Serial No.: 17/850,396 Appl. Filing Date: 06/27/2022

<u>ASSIGNMENT</u>

WHEREAS, Jin Ho CHOI, Sang Jin PARK, Soo Hwan PARK, Kyoung Soo CHA, Jae Hyun KIM, Myung Seop LIM, and Sung Woo HWANG, hereinafter called the "Assignors", have made the invention described in the United States patent application entitled END COIL COOLING STRUCTURE FOR AN INDUCTION MOTOR, executed by Assignors on the same date as, or on a date prior to, this Assignment;

WHEREAS, HYUNDAI MOTOR COMPANY, KIA CORPORATION, and IUCF-HYU (INDUSTRY-UNIVERSITY COOPERATION FOUNDATION HANYANG UNIVERSITY), hereinafter called the "Assignees", desire to acquire the entire right, title and interest in and to the invention(s) and the patent application identified above, and all patents which may be obtained for said invention(s), as set forth below. The Assignors acknowledge that the above Case No., Docket No., Serial No., and/or filing date of the patent application may be added after execution of this Assignment, as needed and when said information becomes known or available;

NOW, THEREFORE, for what is mutually agreeable to be valuable and legally sufficient consideration, the receipt of which by the Assignors from the Assignees is hereby acknowledged, the Assignors have sold, assigned and transferred, and by these presents do sell, assign and transfer to the Assignee, the entire right, title and interest for the United States in and to the invention(s) and the patent application identified above, and any patents that may issue for said invention(s) in the United States; together with the entire right, title and interest in and to said invention(s) and all patent applications and patents issuing therefrom in all countries foreign to the United States, including the full right to claim for any such application all benefits and priority rights under any applicable convention; together with the entire right, title and interest in and to all continuations, divisions, renewals and extensions of any of the patent applications and patents defined above; together with the right to recover all damages, including, but not limited to, a reasonable royalty, by reason of past, present, or future infringement or any other violation of patent or patent application rights; to have and to hold for the sole and exclusive use and benefit of the Assignees, their successors and assigns, to the full end of the term or terms for all such patents.

PATENT REEL: 060324 FRAME: 0196 Hyundai Counsel Case No.: FP22-245/HMC/US Atty. Docket No.: 010300-22074A-US

U.S. Application Serial No.: 17/850,396

Appl. Filing Date: 06/27/2022

THE ASSIGNORS HEREBY COVENANT AND AGREE, for both the Assignors and the Assignors' legal representatives, that the Assignors will assist the Assignees in the prosecution of the patent application identified above; in the making and prosecution of any other patent applications that the Assignees may elect to make covering the invention(s) identified above; in vesting in the Assignees like exclusive title in and to all such other patent applications and patents; and in the prosecution of any interference, reissue, reexamination, opposition, or other such proceeding before the U.S Patent and Trademark Office which may arise involving said invention(s), or any such patent application or patent; and that the Assignors will execute and deliver to the Assignee any and all additional papers which may be requested by the Assignees to carry out the terms of this Assignment. The Commissioner of Patents and Trademarks is hereby authorized and requested to issue patents to the Assignees in accordance with the terms of this Assignment.

IN TESTIMONY WHEREOF, the Assignors have executed this Assignment.

| 7/1/N | 2022, ot 21 |
|----------------------------|--------------------------|
| (First Assignor Signature) | (Date) |
| Jin Ho CHOL | |
| (First Assignor Name) | |
| Witness to Sign | nature of First Assignor |
| Jm Ho CHOZ | |
| (Witness Name) | |
| 3/ahai | |
| (Witness Signature) | |

| S. T. Fare | 2022,05,25 |
|-----------------------------|---------------------------------|
| (Second Assignor Signature) | (Date) |
| Sang Jin PARK | |
| (Second Assignor Name) | |
| Witness t | to Signature of Second Assignor |
| Sang Jin PARK | |
| (Witness Name) | |
| S. J. Fare | |
| (Witness Signature) | |
| | |
| (Third Assignor Signature) | (Date) |
| Soo Hwan PARK | |
| (Third Assignor Name) | |
| Witness | to Signature of Third Assignor |
| (Witness Name) | |
| (Witness Signature) | |

Hyundai Counsel Case No.: FP22-245/HMC/

US U.S. Application Serial No.: 17/850,396

Atty. Docket No.: 010300-22074A-US

Appl. Filing Date: 06/27/2022

| Hyundai Counsel Case No.: FP22-245/HMC/US | Atty. Docket No.: 010300-22074A-US | |
|-------------------------------------------|-----------------------------------------|--|
| U.S. Application Serial No.: 17/850,396 | Appl. Filing Date: 06/27/2022 | |
| | | |
| (Second Assignor Signature) | (Date) | |
| Sang Jin PARK | | |
| (Second Assignor Name) | | |
| Witness to Signature of | of Second Assigner | |
| (Witness Name) | | |
| (Witness Signature) | | |
| Q2-y6 | | |
| (Third Assignor Signature) | (Date) | |
| Soo Hwan PARK | | |
| (Third Assignor Name) | ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,, | |
| Witness to Signature | of Third Assignor | |
| (Witness Name) | | |
| (Witness Signature) | | |

| 利44 | | 06/20/2022 |
|-----------------------------|----------------------------------|-------------|
| (Fourth Assignor Signature) | | (Date) |
| Kyoung Soo CHA | | |
| (Fourth Assignor Name) | | ** |
| | Witness to Signature of Fourth A | ssignor |
| (Witness Name) | | w' |
| (Witness Signature) | | •• |
| 11/1c | | U/20/2022 |
| (Fifth Assignor Signature) | | (Date) |
| Jae Hyun KIM | | ψ. |
| (Fifth Assignor Name) | | ** |
| | Witness to Signature of Fifth As | signor |
| (Witness Name) | | m . |
| | | o c. |

Hyundai Counsel Case No.: FP22-245/HMC/

US U.S. Application Serial No.: 17/850,396

(Witness Signature)

Atty. Docket No.: 010300-22074A-US

Appl. Filing Date: 06/27/2022

| Hyundai Counsel Case No.: FP22-245/HMC/US | Atty. Docket No.: 010300-22074A- |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------|
| U.S. Application Serial No.: 17/850,396 | US Appl. Filing Date: 06/27/2022 |
| La han | 66. Lo. 2022 |
| (Sixth Inventor/Assignor Signature) | (Date) |
| | (Duta) |
| Myung Seop LIM | |
| (Sixth Inventor/Assignor Name) | ······································ |
| 77/1 | 0.8 |
| Witness to Signature of Six | th inventor/Assignor |
| OV | |
| (Witness Name) | |
| (Witness Signature) | |
| 7 /√, | 06/20/2022 |
| (Seventh Inventor/Assignor Signature) | (Date) |
| Sung Woo Hwang | |
| (Seventh Inventor/Assignor Name) | |
| nr 0' | |
| Witness to Signature of Seve | ntn inventor/Assignor |
| (Witness Name) | |
| (The state of the | |
| (Witness Signature) | |