506756645 07/08/2021

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 EPAS ID: PAT6803462 Stylesheet Version v1.2

SUBMISSION TYPE:NEW ASSIGNMENTNATURE OF CONVEYANCE:ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
IN CHUL JEONG	07/01/2021
JUN GIL PARK	07/01/2021
SEONG SIK MOON	07/01/2021

RECEIVING PARTY DATA

Name:	KYUNGDONG NAVIEN CO., LTD.
Street Address:	95, SUWORAM-GIL, SEOTAN-MYEON
City:	PYEONGTAEK-SI, GYEONGGI-DO
State/Country:	KOREA, REPUBLIC OF
Postal Code:	17704

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	17370910

CORRESPONDENCE DATA

Fax Number: (801)812-8129

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.

using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.

Phone: 801-285-5175 **Email:** 18367@alg-ip.com

Correspondent Name: ALG INTELLECTUAL PROPERTY, LLC

Address Line 1: 10808 S. RIVER FRONT PARKWAY, SUITE 3100

Address Line 4: SOUTH JORDAN, UTAH 84095

ATTORNEY DOCKET NUMBER:	3059-0002
NAME OF SUBMITTER:	TRAVIS K. LAIRD
SIGNATURE:	/Travis K. Laird/
DATE SIGNED:	07/08/2021

Total Attachments: 3

source=3059-0002_Declaration_Assignment#page1.tif source=3059-0002_Declaration_Assignment#page2.tif source=3059-0002_Declaration_Assignment#page3.tif

PATENT 506756645 REEL: 056796 FRAME: 0575

Attorney Docket No.

DECLARATION AND ASSIGNMENT FOR PATENT APPLICATION

This declaration and assignment is directed to: 🔀 The attached application, or

United States or PCT International Application Number

entitled: TURBULATOR FOR HEAT EXCHANGER

Declaration of Inventor

As a below named inventor, I hereby declare that:

The above-identified application was made or authorized to be made by me.

I believe I am the original inventor or an original joint inventor of a claimed invention in the application,

I hereby acknowledge that any willful false statement made in this declaration is punishable under 18 U.S.C. § 1001 by fine, imprisonment of not more than five (5) years, or both.

Inventor Assignment

ASSIGNEE: K.YUNGDONG NAVIEN CO., LTD., 95, Suworam-gil, Seotan-myeon, Pyeongtaek-si, Gyeonggi-do 17704, Republic of Korea

For good and valuable consideration, the receipt of which is hereby acknowledged, I agree as follows:

I do hereby sell, assign and transfer to KYUNGDONG NAVIEN CO.: ETD, a Korean Company, as ASSIGNEE, and its successors and assigns, my entire worldwide right, title and interest in and to any and all ideas, inventions, methods and improvements described in the above-identified patent application, and in and to said application, and all divisional, continuing (in whole or in part), substitute, renewal, reissue, provisional, conversion, and all other applications or registrations for Letters Patent that have been or will be filed anywhere based on any of said ideas, inventions, methods and improvements, or based on or claiming priority to said application; and in and to all original and reissued Letters Patent that have been or will be issued anywhere from any of said applications or registrations, and in and to all rights of priority resulting from the filing of any of said applications or registrations (all collectively, the "Patent Rights"). Letters Patent as used herein includes, without limitation, patents, utility models, industrial designs, and any other form of industrial property recognized under the Paris Convention for the Protection of Industrial Property.

Lagree (i) that ASSIGNEE may apply for and receive Letters Parent based on the Patent Rights in its own name; (ii) that, when requested, without charge to, but at the expense of, ASSIGNEE, its successors and/or assigns. to earry out in good faith the intent and purpose of this agreement, I will execute all divisional, continuing (in whole or in part), substitute, renewal, reissue, and all other applications or registrations included within the Patent Rights; (iii) to execute all rightful oaths, declarations, assignments, powers of attorney and other papers related to the Patent Rights; (iv) to communicate to ASSIGNEE, its successors, assigns, representatives and agents, all facts known to me relating to the Patent Rights and the history thereof, and (v) to generally do everything that ASSIGNEE, its successors, assigns, representatives or agents shall consider desirable for aiding in securing and maintaining proper protection for the Patent Rights and for vesting title to the Patent Rights in ASSIGNEE, its successors and assigns.

I coverant with ASSIGNEE, its successors and assigns that I have made no assignment, grant, mortgage, license, or other agreement to others affecting the Patent Rights, and that I have full right to convey the Patent Rights as set forth herein.

IN WITNESS to my agreement to the foregoing, I have signed my name below:

Legal Name of Inventor: JEONG, In Chul-

Signature: 1000 100 Date: 2021,01,01

REEL: 056796 FRAME: 0576

DECLARATION AND ASSIGNMENT FOR PATENT APPLICATION

entitled: TURBULATOR FOR HEAT EXCHANGER This declaration and assignment is directed to: ☐ The attached application, or
 ☐ United States or PCT International Application Number Declaration of Inventor As a below named inventor, I hereby declare that: The above-identified application was made or authorized to be made by me. I believe I am the original inventor or an original joint inventor of a claimed invention in the application. I hereby acknowledge that any willful false statement made in this declaration is punishable under 18 U.S.C. § 1001 by fine, imprisonment of not more than five (5) years, or both. Inventor Assignment ASSIGNEE: KYUNGDONG NAVIEN CO., LTD., 95, Suworam-gil, Seotan-myeon, Pyeongtaek-si, Gyeonggi-do 17704, Republic of Korea For good and valuable consideration, the receipt of which is hereby acknowledged, I agree as follows: I do hereby sell, assign, and transfer, to KYUNGDONG NAVIEN CO., LTD., a Korean Company, as ASSIGNEE, and its successors and assigns, my entire worldwide right, title and interest in and to any and all ideas, inventions, methods and improvements described in the above-identified patent application, and in and to said application, and all divisional, continuing (in whole or in part), substitute, renewal, reissue, provisional, conversion, and all other applications or registrations for Letters Patent that have been or will be filed anywhere based on any of said ideas, inventions, methods and improvements, or based on or claiming priority to said application; and in and to all original and reissued Letters Patent that have been or will be issued anywhere from any of said applications or registrations; and in and to all rights of priority resulting from the filing of any of said applications or registrations (all collectively, the "Patent Rights"). Letters Patent as used herein includes, without limitation, patents, utility models, industrial designs, and any other form of industrial property recognized under the Paris Convention for the Protection of Industrial Property. I agree (i) that ASSIGNEE may apply for and receive Letters Patent based on the Patent Rights in its own name; (ii) that, when requested, without charge to, but at the expense of, ASSIGNEE, its successors and/or assigns, to carry out in good faith the intent and purpose of this agreement, I will execute all divisional, continuing (in whole or in part), substitute, renewal, reissue, and all other applications or registrations included within the Patent Rights; (iii) to execute all rightful oaths, declarations, assignments, powers of attorney and other papers related to the Patent Rights; (iv) to communicate to ASSIGNEE, its successors, assigns, representatives and agents, all facts known to me relating to the Patent Rights and the history thereof; and (v) to generally do everything that ASSIGNEE, its successors, assigns, representatives or agents shall consider destrable for aiding in securing and maintaining proper protection for the Patent Rights and for vesting title to the Patent Rights in ASSIGNEE, its successors and assigns. I coverant with ASSIGNEE, its successors and assigns that I have made no assignment, grant, mortgage, license, or other agreement to others affecting the Patent Rights, and that I have full right to convey the Patent Rights as set forth herein. IN WITNESS to my agreement to the foregoing, I have signed my name below: Legal Name of Inventor: PARK, Jun Gil Signature: 07.01.21

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REEL: 056796 FRAME: 0577

Attorney Docket No :

DECLARATION AND ASSIGNMENT FOR PATENT APPLICATION

entitled: TURBULATOR FOR HEAT EXCHANGER
This declaration and assignment is directed to: The attached application, or United States or PCT International Application Number
Declaration of Inventor
As a helow named inventor, I hereby declare that:
The above-identified application was made or authorized to be made by me.
I believe I am the original inventor or an original joint inventor of a claimed invention in the application.
I hereby acknowledge that any willful false statement made in this declaration is punishable under 18 U.S.C. § 1001 by fine, imprisonment of not more than five (5) years, or both.
Inventor Assignment
ASSIGNEE: KYUNGDONG NAVIEN CO., LTD., 95, Suworam-gil, Seotan-myeon, Pyeongtaek-si, Gyeonggi-do 17704, Republic of Korea
For good and valuable consideration, the receipt of which is hereby acknowledged. I agree as follows:
I do hereby sell, assign, and transfer, to KYUNGDONG NAVIEN CO., LTD., a Korean Company, as ASSIGNEE, and its successors and assigns, my entire worldwide right, title and interest in and to any and all ideas, inventions, methods and improvements described in the above-identified patent application, and in and to said application, and all divisional, continuing (in whole or in part), substitute, renerval, reissue, provisional, conversion, and all other applications or registrations for Letters Patent that have been or will be filed anywhere based on any of said ideas, inventions, methods and improvements, or based on or claiming priority to said application; and in and to all original and reissued Letters Patent that have been or will be issued anywhere from any of said applications or registrations, and in and to all rights of priority resulting from the filing of any of said applications or registrations (all collectively, the "Patent Rights"). Letters Patent as used herein includes, without limitation, patents, utility models, industrial designs, and any other form of industrial property recognized under the Paris Convention for the Protection of Industrial Property.
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I covenant with ASSIGNEE, its successors and assigns that I have made no assignment, grant, mortgage, license, or other agreement to others affecting the Patent Rights, and that I have full right to convey the Patent Rights as set forth herein.
IN WITNESS to my agreement to the foregoing, I have signed my name below:
Legal Name of Inventor: MOON, Seong Sik
Signature: 2/4 th) Date: 21/07/01

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