502692219 02/24/2014

PATENT ASSIGNMENT COVER SHEET

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EPAS ID: PAT2738825

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

CONVEYING PARTY DATA

| Name | Execution Date |
|----------------|----------------|
| TOMOHIRO INOUE | 02/13/2014 |
| TAKAO ASAKAWA | 02/13/2014 |
| KENICHI SEGAWA | 02/13/2014 |

RECEIVING PARTY DATA

| Name: | IHI CORPORATION |
|-----------------|------------------------------|
| Street Address: | 1-1, TOYOSU 3-CHOME, KOTO-KU |
| City: | токуо |
| State/Country: | JAPAN |
| Postal Code: | 135-8710 |

PROPERTY NUMBERS Total: 1

| Property Type | Number |
|---------------------|----------|
| Application Number: | 14187477 |

CORRESPONDENCE DATA

 Fax Number:
 (703)413-2220

 Phone:
 (703) 413-3000

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 AAdams@oblon.com

Correspondence will be sent via US Mail when the email attempt is unsuccessful.

Correspondent Name: OBLON, SPIVAK, ET AL.

Address Line 1: 1940 DUKE STREET

Address Line 4: ALEXANDRIA, VIRGINIA 22314

| ATTORNEY DOCKET NUMBER: | 430408US41 |
|-------------------------|--------------------------|
| NAME OF SUBMITTER: | ARIELLE ADAMS |
| Signature: | /Arielle Adams/ |
| Date: | 02/24/2014 PATENT |

502692219 REEL: 032280 FRAME: 0197

| | This document serves as an Oath/Declaration (37 CFR 1.63). |
|---|--|
| Total Attachments: 3 source=430408USasn#page1.tif source=430408USasn#page2.tif source=430408USasn#page3.tif | |

PATENT REEL: 032280 FRAME: 0198

DECLARATION (37 CFR 1.63) FOR UTILITY OR DESIGN APPLICATION USING AN APPLICATION DATA SHEET (37 CFR 1.76) AND ASSIGNMENT FOR SINGLE ASSIGNEE

| Invention | VARIABLE NOZZLE UNIT AND VARIA | BLE GEOMETRY SYSTEM TURBOCHARGER |
|--|---|--|
| As the below name | d inventor, I hereby declare that: | |
| This declaration ☑ is directed to: ☐ | The attached application, or United States application or PCT international filed on | al application number |
| The above-identifie | ed application was made or authorized to be ma | ide by me. |
| I believe that I am t | he original inventor or an original joint invento | or of a claimed invention in the application. |
| 3-chome, Koto-ku, invention and in an | Tokyo 135-8710 Japan, is desirous of acquiri | NEE") having a place of business at: 1-1, Toyosuing the entire right, title and interest in and to said therefore in the United States and its territorial |
| acknowledged, and said ASSIGNEE, the and in all foreign co- other relevant Inter- interest in and to a | for other good and valuable consideration, I, ne full and exclusive right to the said invention puntries (including the right to claim priority unational Treaties and Arrangements from the any and all Letters Patent which may be grant any and all foreign countries and in and t | DOLLARS (\$5.00), the receipt whereof is hereby by these presents do sell, assign and transfer unto a in the United States and its territorial possessions under the terms of the International Convention and aforesaid application) and the entire right, title and ted therefor in the United States and its territorial to any and all divisions, reissues, continuations, |
| any and all foreign assignee of my enti (his) successors and | countries to issue any and all of said Letters re right, title and interest in and to the same, f | he United States and its territorial possessions and a Patent, when granted, to said ASSIGNEE as the for the sole use and behoof of said ASSIGNEE, its sh said Letters Patent may be granted, as fully and ment and sale not been made. |
| respecting said inv continuation, substi- all of said Letters possible to aid said | vention, and testify in any legal proceeding itute, renewal and reissue applications, execute Patent to be issued to said ASSIGNEE, mak | or its (his) representatives any facts known to me g, sign all lawful papers, execute all divisional, e all necessary assignment papers to cause any and at all rightful oaths, and, generally do everything s, to obtain and enforce proper protection for said any and all foreign countries. |
| | wledge that any willful false statement made orisonment of not more than five (5) years, or b | in this declaration is punishable under 18 U.S.C. both. |
| LEGAL NAME OF | INVENTOR | |
| Inventor: Tomohir | o INOUE | Date: February 13, 2014 |

OBLON, SPIVAK, McCLELLAND, MAIER & NEUSTADT, L.L.P.
ATTORNEYS AT LAW
1940 DUKE STREET
ALEXANDRIA, VIRGINIA 22314

Signature: Tomohiro

Inoue

PATENT REEL: 032280 FRAME: 0199

DECLARATION (37 CFR 1.63) FOR UTILITY OR DESIGN APPLICATION USING AN APPLICATION DATA SHEET (37 CFR 1.76) AND ASSIGNMENT FOR SINGLE ASSIGNEE

VARIABLE NOZZLE UNIT AND VARIABLE GEOMETRY SYSTEM TURBOCHARGER

Title of

| Invention | |
|---|--|
| As the below name | d inventor, I hereby declare that: |
| | The attached application, or United States application or PCT international application number filed on |
| The above-identifie | ed application was made or authorized to be made by me. |
| I believe that I am t | the original inventor or an original joint inventor of a claimed invention in the application. |
| WHEREAS, <u>IHI Corporation</u> (hereinafter referred to as "ASSIGNEE") having a place of business at: <u>1-1, Toyosu 3-chome, Koto-ku, Tokyo 135-8710 Japan</u> , is desirous of acquiring the entire right, title and interest in and to said invention and in and to any Letters Patent that may be granted therefore in the United States and its territorial possessions and in any and all foreign countries; | |
| acknowledged, and said ASSIGNEE, the and in all foreign conther relevant Inter- interest in and to a | FORE, in consideration of the sum of FIVE DOLLARS (\$5.00), the receipt whereof is hereby a for other good and valuable consideration, I, by these presents do sell, assign and transfer unto the full and exclusive right to the said invention in the United States and its territorial possessions countries (including the right to claim priority under the terms of the International Convention and mational Treaties and Arrangements from the aforesaid application) and the entire right, title and any and all Letters Patent which may be granted therefor in the United States and its territorial any and all foreign countries and in and to any and all divisions, reissues, continuations, enewals thereof. |
| any and all foreign assignee of my enti (his) successors an | ize and request the Patent Office Officials in the United States and its territorial possessions and a countries to issue any and all of said Letters Patent, when granted, to said ASSIGNEE as the ire right, title and interest in and to the same, for the sole use and behoof of said ASSIGNEE, its d assigns, to the full end of the term for which said Letters Patent may be granted, as fully and e would have been held by me had this Assignment and sale not been made. |
| respecting said in continuation, substall of said Letters possible to aid said | that I will communicate to said ASSIGNEE or its (his) representatives any facts known to me vention, and testify in any legal proceeding, sign all lawful papers, execute all divisional, itute, renewal and reissue applications, execute all necessary assignment papers to cause any and Patent to be issued to said ASSIGNEE, make all rightful oaths, and, generally do everything d ASSIGNEE, its (his) successors and assigns, to obtain and enforce proper protection for said atted States and its territorial possessions and in any and all foreign countries. |
| | wledge that any willful false statement made in this declaration is punishable under 18 U.S.C. prisonment of not more than five (5) years, or both. |
| LEGAL NAME O | FINVENTOR |
| Inventor: Takao A | SAKAWA Date: February 13, 2014 |
| Signature: Takas | AMAKAWA |

OBLON, SPIVAK, McCLELLAND, MAIER & NEUSTADT, L.L.P. ATTORNEYS AT LAW

1940 DUKE STREET ALEXANDRIA, VIRGINIA 22314

> PATENT REEL: 032280 FRAME: 0200

DECLARATION (37 CFR 1.63) FOR UTILITY OR DESIGN APPLICATION USING AN APPLICATION DATA SHEET (37 CFR 1.76) AND ASSIGNMENT FOR SINGLE ASSIGNEE

| Title of Invention | VARIABLE NOZZLE UNIT AND VARIABLE GEOMETRY SYSTEM TURBOCHARGER |
|--|--|
| As the below name | d inventor, I hereby declare that: |
| | The attached application, or United States application or PCT international application number filed on |
| The above-identifie | ed application was made or authorized to be made by me. |
| I believe that I am | the original inventor or an original joint inventor of a claimed invention in the application. |
| 3-chome, Koto-ku, invention and in a | <u>Tokyo 135-8710 Japan</u> , is desirous of acquiring the entire right, title and interest in and to said not only Letters Patent that may be granted therefore in the United States and its territorial any and all foreign countries; |
| acknowledged, and said ASSIGNEE, the and in all foreign conther relevant Inter- interest in and to a | FORE, in consideration of the sum of FIVE DOLLARS (\$5.00), the receipt whereof is hereby for other good and valuable consideration, I, by these presents do sell, assign and transfer unto the full and exclusive right to the said invention in the United States and its territorial possessions ountries (including the right to claim priority under the terms of the International Convention and mational Treaties and Arrangements from the aforesaid application) and the entire right, title and may and all Letters Patent which may be granted therefor in the United States and its territorial and any and all foreign countries and in and to any and all divisions, reissues, continuations, mewals thereof. |
| any and all foreign assignee of my ent (his) successors an | ize and request the Patent Office Officials in the United States and its territorial possessions and a countries to issue any and all of said Letters Patent, when granted, to said ASSIGNEE as the ire right, title and interest in and to the same, for the sole use and behoof of said ASSIGNEE, its d assigns, to the full end of the term for which said Letters Patent may be granted, as fully and a would have been held by me had this Assignment and sale not been made. |
| Further, I agree that I will communicate to said ASSIGNEE or its (his) representatives any facts known to me respecting said invention, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuation, substitute, renewal and reissue applications, execute all necessary assignment papers to cause any and all of said Letters Patent to be issued to said ASSIGNEE, make all rightful oaths, and, generally do everything possible to aid said ASSIGNEE, its (his) successors and assigns, to obtain and enforce proper protection for said invention in the United States and its territorial possessions and in any and all foreign countries. | |
| | wledge that any willful false statement made in this declaration is punishable under 18 U.S.C. prisonment of not more than five (5) years, or both. |
| LEGAL NAME OF | FINVENTOR |
| Inventor: Kenichi | SEGAWA Date: February 13, 2014 Centility Segawa |
| Signature: | Control Degeneral |

OBLON, SPIVAK, McCLELLAND, MAIER & NEUSTADT, L.L.P. ATTORNEYS AT LAW

1940 DUKE STREET ALEXANDRIA, VIRGINIA 22314

> PATENT REEL: 032280 FRAME: 0201

RECORDED: 02/24/2014