

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
 Stylesheet Version v1.2

EPAS ID: PAT5866727

|                                                                                                                                                                                                 |                                           |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|
| <b>SUBMISSION TYPE:</b>                                                                                                                                                                         | NEW ASSIGNMENT                            |
| <b>NATURE OF CONVEYANCE:</b>                                                                                                                                                                    | ASSIGNMENT                                |
| <b>CONVEYING PARTY DATA</b>                                                                                                                                                                     |                                           |
| <b>Name</b>                                                                                                                                                                                     | <b>Execution Date</b>                     |
| JUNICHIRO KAWAGUCHI                                                                                                                                                                             | 10/29/2019                                |
| OSAMU MORI                                                                                                                                                                                      | 10/28/2019                                |
| TOSHIHIRO CHUJO                                                                                                                                                                                 | 10/28/2019                                |
| HIROKAZU ISHIDA                                                                                                                                                                                 | 10/17/2019                                |
| <b>RECEIVING PARTY DATA</b>                                                                                                                                                                     |                                           |
| <b>Name:</b>                                                                                                                                                                                    | JAPAN AEROSPACE EXPLORATION AGENCY        |
| <b>Street Address:</b>                                                                                                                                                                          | 7-44-1, JINDAIJI HIGASHI-MACHI, CHOFU-SHI |
| <b>City:</b>                                                                                                                                                                                    | TOKYO                                     |
| <b>State/Country:</b>                                                                                                                                                                           | JAPAN                                     |
| <b>Postal Code:</b>                                                                                                                                                                             | 1828522                                   |
| <b>PROPERTY NUMBERS Total: 1</b>                                                                                                                                                                |                                           |
| <b>Property Type</b>                                                                                                                                                                            | <b>Number</b>                             |
| <b>Application Number:</b>                                                                                                                                                                      | 16618205                                  |
| <b>CORRESPONDENCE DATA</b>                                                                                                                                                                      |                                           |
| <b>Fax Number:</b>                                                                                                                                                                              |                                           |
| <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>                                                                                                                                                                                   | 3523758100                                |
| <b>Email:</b>                                                                                                                                                                                   | JL@slepatents.com                         |
| <b>Correspondent Name:</b>                                                                                                                                                                      | JEFF LLOYD                                |
| <b>Address Line 1:</b>                                                                                                                                                                          | P.O. BOX 142950                           |
| <b>Address Line 4:</b>                                                                                                                                                                          | GAINESVILLE, FLORIDA 32614-2950           |
| <b>ATTORNEY DOCKET NUMBER:</b>                                                                                                                                                                  | MIN.296                                   |
| <b>NAME OF SUBMITTER:</b>                                                                                                                                                                       | JEFF LLOYD                                |
| <b>SIGNATURE:</b>                                                                                                                                                                               | /JEFF LLOYD/                              |
| <b>DATE SIGNED:</b>                                                                                                                                                                             | 12/13/2019                                |
| <b>Total Attachments: 5</b>                                                                                                                                                                     |                                           |
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**COMBINED DECLARATION (37 C.F.R. § 1.63) AND ASSIGNMENT**

As a below-named inventor, I hereby declare that:

I believe I am the original inventor or an original joint inventor of the subject matter which is claimed and for which a patent is sought on the invention entitled

Insert Title:

OPTICAL DEVICE, ATTITUDE CONTROL APPARATUS, AND SPACECRAFT

the specification for which

☐ is attached hereto.  
☒ was filed November 29, 2019, Serial No. 16/618, 205

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

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information which is material to patentability of this application in accordance with Title 37, Code of Federal Regulations, § 1.56.

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

**ASSIGNMENT**

WHEREAS, the undersigned has invented certain new and useful improvements described in the application identified above.

WHEREAS,

Insert:  
Assignee(s)

JAPAN AEROSPACE EXPLORATION AGENCY  
7-44-1 Jindaiji Higashi-machi, Chofu-shi, Tokyo 182-8522 Japan

Name/Address:

(hereinafter ASSIGNEE), is desirous of acquiring the entire right, title, and interest in and to said invention and in and to any Letters Patent which may be granted therefor in the United States and in any and all foreign countries;

NOW, THEREFORE, in view of valuable consideration, receipt of which is hereby acknowledged, I/we, the undersigned, have sold, assigned, and transferred, and by these

presents do sell, assign, and transfer, unto said ASSIGNEE, its successors and assigns, the full and exclusive right to the said invention in the United States and its territorial possessions and in all foreign countries and the entire right, title, and interest in and to any and all Letters Patent which may be granted therefor in the United States and its territorial possessions and in any and all foreign countries and in and to any and all divisions, reissues, continuations, and extensions thereof.

I/we hereby authorize and request the Patent Office Officials in the United States and in any and all foreign countries to issue any and all of said Letters Patent, when granted, to ASSIGNEE, as the assignee of the entire right, title, and interest in and to the same, for the sole use and behoof of said ASSIGNEE, its successors and assigns.

FURTHER, I/we agree that we will communicate to said ASSIGNEE, or its representatives, any facts known to me respecting said invention; testify in any legal proceedings; sign all lawful papers; execute all divisional, continuation, substitution, 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 the said ASSIGNEE, its successors and assigns, to obtain and enforce proper protection for said invention in the United States and in any and all foreign countries.

In witness whereof, executed by the undersigned on the date opposite the undersigned name.

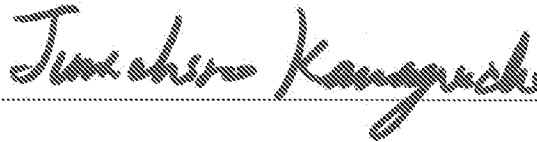
Legal Name  
of inventor

KAWAGUCHI, Junichiro

Date:

October 29th, 2019

Inventor's  
Signature



☒ Additional inventors are being named on the 1 supplemental sheet(s) attached hereto.

**SUPPLEMENTAL SHEET FOR  
DECLARATION AND  
ASSIGNMENT**

**ADDITIONAL INVENTOR(S)**  
Supplemental Sheet Page 1 of  
1

LEGAL NAME OF JOINT INVENTOR, IF ANY:

Legal Name  
of inventor

MORI, Osamu

Date:

October 28, 2019

Inventor's  
Signature

Osamu Mori

LEGAL NAME OF JOINT INVENTOR, IF ANY:

Legal Name  
of inventor

CHUJO, Toshihiro

Date:

Inventor's  
Signature

LEGAL NAME OF JOINT INVENTOR, IF ANY:

Legal Name  
of inventor

ISHIDA, Hirokazu

Date:

Inventor's  
Signature

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October 28, 2019

Inventor's  
Signature

Toshihiro Chujo

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CHUJO, Toshihiro

Date:

Inventor's  
Signature

LEGAL NAME OF JOINT INVENTOR, IF ANY:

Legal Name  
of inventor

ISHIDA, Hirokazu

Date:

2019/10/17

Inventor's  
Signature

石田 寛和

LEGAL NAME OF JOINT INVENTOR, IF ANY:

Legal Name  
of inventor

Date:

Inventor's  
Signature

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of inventor

Date:

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Signature