

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
SHUNSUKE ONISHI	10/26/2021
TETSUO YASAKA	11/19/2021
KAZUO KUNO	10/26/2021
MASAHIKO UETSUHARA	11/16/2021
YOHEI KOGA	11/17/2021
SHINJI ITO	11/11/2021
YONOSUKE ICHIKI	11/16/2021
KAZUO KISO	11/14/2021
MUTSUHITO TOBO	11/14/2021
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PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	17604366
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PATENT

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DATE SIGNED:	12/01/2021
Total Attachments: 3 source=107254-01_Assignment#page1.tif source=107254-01_Assignment#page2.tif source=107254-01_Assignment#page3.tif	

ASSIGNMENT

WHEREAS, we, Shunsuke ONISHI, Tetsuo YASAKA, Kazuo KUNO, Masahiko UETSUHARA, Yohei KOGA, Shinji ITO, Yonosuke ICHIKI, Kazuo KISO, and Mutsuhito TOBO, all of Fukuoka, Japan, have invented a certain invention, as described in the following patent applications:

PCT Patent Application No. PCT/JP2019/016673, filed on April 18, 2019, entitled
“ANTENNA DEVICE AND SPACE NAVIGATION BODY,” and
U.S. Patent Application No. 17/604,366, filed on October 15, 2021, entitled
“ANTENNA APPARATUS AND SPACECRAFT,”

which applications are collectively referred to as “the patent applications.”

WHEREAS, Institute for Q-shu Pioneers of Space, Inc., a corporation duly organized and existing under the laws of Japan, having a place of business at 1-15-35, Tenjin, Chuo-ku, Fukuoka-shi, Fukuoka 8100001, Japan, desires to acquire an interest therein:

NOW, THEREFORE, for good and valuable consideration, the receipt of which is hereby acknowledged, we, Shunsuke ONISHI, Tetsuo YASAKA, Kazuo KUNO, Masahiko UETSUHARA, Yohei KOGA, Shinji ITO, Yonosuke ICHIKI, Kazuo KISO, and Mutsuhito TOBO hereby sell, assign, and transfer to Q-shu Pioneers of Space, Inc. the full and exclusive right, title, and interest in and to said invention, patent applications, and patent rights throughout the world, including foreign patent priority rights, the right to file and prosecute International Applications under the Patent Cooperation Treaty, and the right to file and prosecute applications under the European Patent Convention; said invention, patent applications, and letters patent in this or any foreign country, and all corresponding non-provisional applications, divisions, continuations, continuations-in-part, reissues, and extensions thereof, to be held and enjoyed by Q-shu Pioneers of Space, Inc., for its own use and benefit, and for its successors and assigns to the full end of the term for which letters patent may be granted by the United States or any foreign country, as fully and entirely as the same would have been held by us had this assignment and sale not been made, and covenant that we have full right so to do, and agree that we will communicate to Q-shu Pioneers of Space, Inc., or its successors and assigns, any facts known to us respecting said invention, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuing, and reissue applications, make all rightful oaths, and do everything possible to aid Q-shu Pioneers of Space, Inc., its successors, and assigns to obtain and enforce proper patent

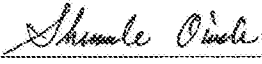
protection for said invention in the United States or any foreign country.

We confirm that, at the time the invention was made, we were under an obligation to assign the invention to Q-shu Pioneers of Space, Inc.

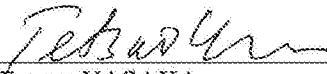
We hereby grant the law firm of Klarquist Sparkman, LLP, the power to insert on this Assignment any further information that may be necessary or desirable in order to comply with all applicable legal requirements, including the rules of the United States Patent and Trademark Office, for submitting and recording this document.

Executed at the place and date opposite our respective signatures below.

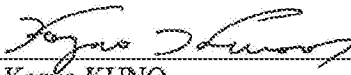
At Fukuoka-shi, Fukuoka
(City and Prefecture), Japan
on this 26th day of October, 2021.


Shunsuke ONISHI

At Fukuoka-shi, Fukuoka
(City and Prefecture), Japan
on this 19th day of November, 2021.


Tetsuo YASAKA

At Fukuoka-shi, Fukuoka
(City and Prefecture), Japan
on this 26th day of October, 2021.


Kazuo KUNO

At Fukuoka-shi, Fukuoka
(City and Prefecture), Japan
on this 16th day of November, 2021.

MASAHIKO UETSUHARA
Masahiko UETSUHARA

At Fukuoka-shi, Fukuoka
(City and Prefecture), Japan
on this 17th day of November, 2021.

Yohei Koga
Yohei KOGA

At Kurume-shi, Fukuoka
(City and Prefecture), Japan
on this 11th day of November, 2021.

Shinji Ito
Shinji ITO

At Munakata-shi, Fukuoka
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Yonosuke Ichiki
Yonosuke ICHIKI

At Fukuoka-shi, Fukuoka
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on this 14th day of November, 2021.

Kazuo Kiso
Kazuo KISO

At Kurume-shi, Fukuoka
(City and Prefecture), Japan
on this 14th day of November, 2021.

Mutsuhito Toubo
Mutsuhito TOBO