01/14/2022 507075096

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT7121932

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
SHUHEI OGAWA	12/13/2021
NORIHITO NAKAZAWA	12/20/2021
SHUHEI NOMURA	12/22/2021

RECEIVING PARTY DATA

Name:	AGC Inc.	
Street Address:	5-1, Marunouchi 1-chome, Chiyoda-ku	
City:	Tokyo	
State/Country:	Japan	
Postal Code:	100-8405	

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	17575843

CORRESPONDENCE DATA

Fax Number: (703)413-2220

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: (703) 413-3000 Email: mstewart@oblon.com

OBLON, ET AL. **Correspondent Name:** Address Line 1: 1940 DUKE STREET

Address Line 4: ALEXANDRIA, VIRGINIA 22314

ATTORNEY DOCKET NUMBER:	541275US
NAME OF SUBMITTER:	MAKEDA STEWART
SIGNATURE:	/Makeda Stewart/
DATE SIGNED:	01/14/2022

Total Attachments: 3 source=ASN#page1.tif source=ASN#page2.tif source=ASN#page3.tif

> **PATENT** REEL: 058656 FRAME: 0919

507075096

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

Interest LAMINATED MEMBER Invention			
As the below named inventor, I hereby declare that:			
This declaration \(\subseteq \) The attached application, or			
is directed to: United States application or PCT international application number filed on			
The above-identified 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.			
WHEREAS, AGC Inc. (hereinafter referred to as "ASSIGNEE") having places of business at: 5-1, Marunouchi 1-chome, Chivoda-ku, Tokyo 100-8-105 Japan, 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;			
NOW, THEREFORE, in consideration of the sum of FIVE DOLLARS (\$5.00), the receipt whereof is hereby acknowledged, and for other good and valuable consideration, I, by these presents do sell, assign and transfer unto said ASSIGNEE, the full and exclusive right to the said invention in the United States and its territorial possessions and in all foreign countries (including the right to claim priority under the terms of the International Convention and other relevant International Treaties and Arrangements from the aforesaid application) 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, substitutions and renewals thereof.			
I hereby authorize and request the Patent Office Officials in the United States and its territorial possessions and any and all foreign countries to issue any and all of said Letters Patent, when granted, to said ASSIGNEE as the assignee of my entire right, title and interest in and to the same, for the sole use and behoof of said ASSIGNEE, its (his) successors and assigns, to the full end of the term for which said Letters Patent may be granted, as fully and entirely as the same 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.			
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.			
LEGAL NAME OF INVENTOR			
Inventor: Shuhei OGAWA Date: December 13, 202/			
Signature: Shahel Ogawa			

OBLON, McCLELLAND, MAIER & NEUSTADT, L.L.P.
ATTORNEYS AT LAW
1940 DUKE STREET

ALEXANDRIA, VIRGINIA 22314

PATENT REEL: 058656 FRAME: 0920

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

Inte of Invention	LAMINATED MEMBER		
As the below name	d inventor, I hereby declare that:		
This declaration 🗵	The attached application, or		
is directed to:	United States application or PCT international application number		
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, AGC Inc. (hereinafter referred to as "ASSIGNEE") having places of business at: 5-1, Maronouchi 1-chome, Chiyoda-ku, Tokyo 100-8405 Japan, 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;			
NOW, THEREFORE, in consideration of the sum of FIVE DOLLARS (\$5.00), the receipt whereof is hereby acknowledged, and for other good and valuable consideration, I, by these presents do sell, assign and transfer unto said ASSIGNEE, the full and exclusive right to the said invention in the United States and its territorial possessions and in all foreign countries (including the right to claim priority under the terms of the International Convention and other relevant International Treaties and Arrangements from the aforesaid application) 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, substitutions and renewals thereof.			
I hereby authorize and request the Patent Office Officials in the United States and its territorial possessions and any and all foreign countries to issue any and all of said Letters Patent, when granted, to said ASSIGNEE as the assignee of my entire right, title and interest in and to the same, for the sole use and behoof of said ASSIGNEE, its (his) successors and assigns, to the full end of the term for which said Letters Patent may be granted, as fully and entirely as the same 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.			
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.			
LEGAL NAME OF	FINVENTOR		
Inventor: Norihite	ONAKAZAWA Date: Dec. 20.2021		
Signature:	noribite nakazano		

OBLON, McCLELLAND, MAIER & NEUSTADT, L.L.P.

ATTORNEYS AT LAW 1940 DUKE STREET ALEXANDRIA, VIRGINIA 22314

> PATENT REEL: 058656 FRAME: 0921

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

	litle of Invention	LAMINATED MEMBER		
ŀ	As the below named inventor, I hereby declare that:			
	This declaration 🔀 The attached application, or			
	is directed to	United States application or PCT international filed on	application number	
ì	The above-identified 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.			
	WHEREAS. AGC Inc. (hereinafter referred to as "ASSIGNEE") having places of business at 5-1. Marunouchi 1-chome. Chiyoda-ku. Tokyo 100-8405 Japan, 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.			
NOW, THEREFORE, in consideration of the sum of FIVE DOLLARS (\$5.00), the receipt whereof is hereby acknowledged, and for other good and valuable consideration, I, by these presents do set, assign and transfer and said ASSIGNFE, the full and exclusive right to the said invention in the United States and its territorial possession and in all foreign countries (including the right to claim priority under the terms of the International Convention and other relevant International Treaties and Arrangements from the aforesaid application) 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 substitutions and renewals thereof.			these presents do self, assign and transfer unto the United States and its territorial possessions for the terms of the International Convention and presaid application) and the entire right, title and I therefor in the United States and its territorial	
8	Thereby authorize and request the Patent Office Officials in the United States and its territorial possessions and any and all foreign countries to issue any and all of said Letters Patent, when granted, to said ASSIGNEE as the assignce of my entire right, title and interest in and to the same, for the sole use and behoof of said ASSIGNEE, its (its) successors and assigns, to the full end of the term for which said Letters Patent may be granted, as fully and entirely as the same would have been held by me had this Assignment and sale not been made.			
ci ai pi	Further, Lagree that I will communicate to said ASSIONEE 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 continuum, 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.			
by	Thereby 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			
I	LEGAL NAME OF INVENTOR			
m	vestor Shaher N	OMURA	Date <u>Pec 22, 2021</u>	
Si	ennie Huhi	ei Nomura		

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PATENT REEL: 058656 FRAME: 0922

RECORDED: 01/14/2022