

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
Stylesheet Version v1.2

EPAS ID: PAT4697341

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
KAZUHIRO HAMAMOTO	11/01/2017
YOHEI IKEBE	11/01/2017
RECEIVING PARTY DATA	
Name:	HOYA CORPORATION
Street Address:	6/10/1 NISHI-SHINJUKU
Internal Address:	SHINJUKU-KU
City:	TOKYO
State/Country:	JAPAN
Postal Code:	160-8347
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	15539263
CORRESPONDENCE DATA	
Fax Number:	(678)420-9301
<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>	
Phone:	6784209300
Email:	wilsonj@ballardspahr.com
Correspondent Name:	JAMES Y.C. SZE
Address Line 1:	999 PEACHTREE STREET
Address Line 2:	SUITE 1000
Address Line 4:	ATLANTA, GEORGIA 30309
ATTORNEY DOCKET NUMBER:	37581.0010U1
NAME OF SUBMITTER:	JAMES Y.C. SZE
SIGNATURE:	/James Y.C. Sze/
DATE SIGNED:	11/20/2017
This document serves as an Oath/Declaration (37 CFR 1.63).	
Total Attachments: 2	
source=37581_0010U1__DecAssn#page1.tif	
source=37581_0010U1__DecAssn#page2.tif	

COMBINATION ASSIGNMENT-STATEMENT

**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	REFLECTIVE MASK BLANK, REFLECTIVE MASK AND METHOD OF MANUFACTURING SEMICONDUCTOR DEVICE
--------------------	---

DECLARATION

As a below named inventor I hereby declare that:

- This declaration is directed to:
 - The attached application, or
 - United States application No. 15/539,263 filed on June 23, 2017 which is the US National Phase of International Application No. PCT/JP2015/085020 filed December 15, 2015, which International Application claims priority to Japanese Patent Application No. 2014-260280, filed December 24, 2014.
- 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.
- I hereby acknowledge that any willful false statement made in this declaration is punishable under 18 USC 1001 by fine or imprisonment of not more than five (5) years, or both.

ASSIGNMENT

WHEREAS, HOYA CORPORATION having an office and place of business at 6-10-1 Nishi-Shinjuku, Shinjuku-ku, Tokyo 160-8347, Japan, is desirous of acquiring the entire interest in the same;

NOW, THEREFORE, for good and valuable consideration, the receipt of which are hereby acknowledged, I, the INVENTOR, agree to assign and hereby do sell, assign and transfer unto said HOYA CORPORATION the entire right, title and interest in and to said invention and application throughout the world, including, without limitation, any Letters Patent which may issue thereon, and any subsequent application claiming priority to the above-identified application, reissue, reexamination, divisional, continuation-in-part, extension or continuation thereof and all rights of priority under the Paris Convention arising from said application, and all other rights in the INVENTION possessed by the INVENTOR, including the right to bring suit for damages due to past infringements; the same for HOYA CORPORATION'S legal representatives and assigns, as fully and entirely as the same would have been held by us had this assignment and sale not been made;

AND, I hereby bind myself, my heirs, legal representatives, administrators and assign properly to execute without further consideration any and all applications, petitions, oaths and assignments or other papers and instruments which may be necessary in order to carry into full force and effect, the sale, assignment, transfer and conveyance hereby made or intended to be made and generally do everything possible to aid HOYA CORPORATION, its legal representatives and assigns, to obtain and enforce proper protection for said invention in all countries throughout the world;

AND, I hereby covenant that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this assignment.

Inventor: Kazuhiro HAMAMOTO

Date: November 1, 2017

Signature: Kazuhiro Hamamoto

COMBINATION ASSIGNMENT-STATEMENT

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	REFLECTIVE MASK BLANK, REFLECTIVE MASK AND METHOD OF MANUFACTURING SEMICONDUCTOR DEVICE
--------------------	---

DECLARATION

As a below named inventor I hereby declare that:

- This declaration is directed to:
 - The attached application, or
 - United States application No. 15/539,263 filed on June 23, 2017 which is the US National Phase of International Application No. PCT/JP2015/085020 filed December 15, 2015, which International Application claims priority to Japanese Patent Application No. 2014-260280, filed December 24, 2014.
- 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.
- I hereby acknowledge that any willful false statement made in this declaration is punishable under 18 USC 1001 by fine or imprisonment of not more than five (5) years, or both.

ASSIGNMENT

WHEREAS, HOYA CORPORATION having an office and place of business at 6-10-1 Nishi-Shinjuku, Shinjuku-ku, Tokyo 160-8347, Japan, is desirous of acquiring the entire interest in the same;

NOW, THEREFORE, for good and valuable consideration, the receipt of which are hereby acknowledged, I, the INVENTOR, agree to assign and hereby do sell, assign and transfer unto said HOYA CORPORATION the entire right, title and interest in and to said invention and application throughout the world, including, without limitation, any Letters Patent which may issue thereon, and any subsequent application claiming priority to the above-identified application, reissue, reexamination, divisional, continuation-in-part, extension or continuation thereof and all rights of priority under the Paris Convention arising from said application, and all other rights in the INVENTION possessed by the INVENTOR, including the right to bring suit for damages due to past infringements; the same for HOYA CORPORATION'S legal representatives and assigns, as fully and entirely as the same would have been held by us had this assignment and sale not been made;

AND, I hereby bind myself, my heirs, legal representatives, administrators and assign properly to execute without further consideration any and all applications, petitions, oaths and assignments or other papers and instruments which may be necessary in order to carry into full force and effect, the sale, assignment, transfer and conveyance hereby made or intended to be made and generally do everything possible to aid HOYA CORPORATION, its legal representatives and assigns, to obtain and enforce proper protection for said invention in all countries throughout the world;

AND, I hereby covenant that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this assignment.

Inventor: Yohei IKEBE Date: November 1, 2017

Signature: 