

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT	
NATURE OF CONVEYANCE:	ASSIGNMENT	
CONVEYING PARTY DATA		
	Name	Execution Date
	HISATO UETSUKA	11/13/2017
	SHU NAMIKI	11/17/2017
	HITOSHI KAWASHIMA	11/14/2017
	KAZUHIRO IKEDA	11/14/2017
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Property Type	Number	
Application Number:	15570197	
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DATE SIGNED:	01/03/2018	
This document serves as an Oath/Declaration (37 CFR 1.63).		

Total Attachments: 4

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UNITED STATES PATENT
Form Foreign

¹Attorney Docket No. 14321.223

COMBINED DECLARATION and ASSIGNMENT
(Utility, Design, National Stage of PCT)

TITLE OF INVENTION:²

LIGHT BEAM DEFLECTING ELEMENT, WAVELENGTH-SELECTIVE CROSS-
CONNECT DEVICE USING SAME, AND OPTICAL CROSS-CONNECT DEVICE

As a below named inventor, I hereby declare that:

SPECIFICATION IDENTIFICATION

This declaration and assignment is directed to:

(complete (a), (b), or (c))³

(a) ☐ The attached application (United States Application No. _____,
filed on _____);

(b) ☐ Previously filed United States Application No. _____,
filed on _____; or

(c) ☒ PCT International Application No. PCT/JP2016/062233, filed on April 18,
2016 (nationalized as United States Application No.
15/570197, filed on October 27, 2017).

I hereby authorize the patent attorneys and/or patent agents of Workman Nydegger to insert the
above Application No(s). and filing date(s) when known.

DECLARATION AND ACKNOWLEDGEMENT

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
above-identified application.

I hereby state that I have reviewed and understand the contents of the above-identified
application, including the claim(s).

I acknowledge the duty to disclose all information which is material to patentability as defined in 37 C.F.R. § 1.56, including for continuation-in-part applications, material information which became available between the filing date of the prior application and the national or PCT international filing date of the continuation-in-part application.

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.

ASSIGNMENT⁴

The Assignee, National Institute of Advanced Industrial Science and Technology, having a principal place of business at 3-1, Kasumigaseki 1-chome, Chiyoda-ku, Tokyo 1008921 Japan, desires to secure the entire right, title and interest in the above-identified application.

In consideration of One Dollar (\$1.00) and other good and valuable consideration paid to me by the Assignee, the receipt and sufficiency of which is hereby acknowledge, I HEREBY ASSIGN TO THE ASSIGNEE:

The entire right, title and interest in the above-identified application and in all divisions, continuations and continuations-in-part of said application and in all patents issuing thereon in the United States and in all reissues or extensions of patents granted thereon.

The right to claim priority to or the benefit of any prior related United States or foreign patent applications including under all applicable treaties and conventions.

I hereby authorize and request the United States Commissioner of Patents and Trademarks, to issue any and all patents on said application to the Assignee as the owner of the entire interest, for the sole use and behoof of the said Assignee, its successors, assigns and legal representatives.

I hereby agree, without further consideration, to sign all lawful papers and to perform all other lawful acts which the Assignee may request me to make this Assignment fully effective, including, by way of example but not of limitation, the following:

Prompt execution of all original, divisional, continuation, continuation-in-part, substitute, reissue, and other United States applications and all lawful documents

requested by the Assignee to further the prosecution of any of such patent applications.

With regard to the above-identified application and applications claiming priority thereto, cooperate to the best of my ability in: (1) proceedings relating to nullification, reissue, extension, post grant, inter parties, derivation, supplemental examination, and infringement; (2) execution of all lawful documents; and (3) the production of evidence.

This assignment and agreement shall be binding upon my heirs and legal representatives.

SIGNATURE(S)⁵

NOTE: Carefully indicate the family (or last) name, as it should appear on the filing receipt and all other documents.

Full name of sole or first inventor

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Inventor's signature Hisato Uetsuka

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