503153277 01/27/2015

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT3199890

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
HIDEAKI OKAYAMA	12/16/2014

RECEIVING PARTY DATA

Name:	OKI ELECTRIC INDUSTRY CO., LTD.	
Street Address:	1-7-12 TORANOMON, MINATO-KU	
City:	TOKYO	
State/Country:	JAPAN	
Postal Code:	105- 8460	

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	14606676

CORRESPONDENCE DATA

Fax Number: (202)408-0924

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: 202-371-8976

Email: firm@rabinberdo.com **Correspondent Name:** RABIN & BERDO, P.C.

Address Line 1: 1101 14TH ST., N.W., SUITE 500 Address Line 4: WASHINGTON, D.C. 20005

ATTORNEY DOCKET NUMBER:	KAT-420	
NAME OF SUBMITTER:	STEVEN M. RABIN	
SIGNATURE:	/Steven M. Rabin/	
DATE SIGNED:	01/27/2015	
This document serves as an Oath/Declaration (37 CFR 1.63).		

Total Attachments: 1

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PATENT REEL: 034823 FRAME: 0395

Attorney	Reference:	

On	ASSIGNMENT OF AND DECLARATION FOR APPLICATION FOR UNITED STATES LETTERS PATENT
OPTICAL WAVELENGTH DEMULTIPLEXER HAVING OPTICAL INTERFERENCE FILTERS CONNECTED IN CASCADE [X] said application being attached hereto; [J] said application having been filed in the United States Patent and Trademark Office on	WHEREAS Hideaki OKAYAMA
CASCADE [X] said application being attached hereto; [] said application having been filed in the United States Patent and Trademark Office on	hereinafter referred to collectively as the assignor and inventor, has invented a certain improvement relating to
I ji said application having been filed in the United States Patent and Trademark Office on as Application Serial No. , and was amended on	
AND WHEREAS Oki Electric Industry Co., Ltd., of 1-7-12 Toranomon, Minato-ku, Tokyo, 105-8460, Japan hereinafter referred to as the assignee or applicant, is desirous of acquiring the entire right, title and interest in and to said application, including any and all divisions and continuations thereof, and in and to said invention and any and all patents which may be granted therefor, including any and all renewals, reissues and prolongations thereof; NOW THIS WITNESSETH, that for and in consideration of One Dollar (\$1.00), and other good and valuable consideration paid by said assignee to said assignor, the receipt of which is hereby acknowledged, said assigners hereby assigns, sells and transfers to said assigner, and said assignee's successors and assigns, the full and exclusive right, title and interest in and to said application, including any and all divisions and continuations thereof, and in and to said invention and any and all patents which may be granted thereof, including any and all renewals, reissues and prolongations thereof; said assignee, and said assignee's successors and assigns, to have, hold, exercise and enjoy the said application, including any and all divisions and continuations thereof, and the said invention and any and all patents which may be granted therefor, including any and all renewals, reissues and prolongations thereof, with all the rights, powers, privileges and advantages in anywise arising from or appertaining thereto, for and during the term or terms of any and all such patents when granted, including any and all renewals, reissues and prolongations thereof, for the use and benefici of said assignee, and said assignee's successors and assigns, in a sample and beneficial a manner as the said assigner might or could have held and enjoyed the same, if this assignment had not been made. AND said assignor hereby agrees to perform, upon the request of said assignee, or said assignee's successors or assigns, any and all acts relating to the obtaining or to the asserting of said	 [] said application having been filed in the United States Patent and Trademark Office on, as Application Serial No, and was amende on(if applicable); [] the specification of which was filed under the Patent Cooperation Treaty on
hereinafter referred to as the assignee or applicant, is desirous of acquiring the entire right, title and interest in and to said application, including any and all divisions and continuations thereof, and in and to said invention and any and all patents which may be granted therefor, including any and all renewals, reissues and prolongations thereof; NOW THIS WITNESSETH, that for and in consideration of One Dollar (\$1.00), and other good and valuable consideration paid by said assignee to said assignor, the receipt of which is hereby acknowledged, said assignee, and said assignee's successors and assigns, the full and exclusive right, title and interest in and to said application, including any and all divisions and continuations thereof, and in and to said invention and any and all patents which may be granted therefor, including any and all renewals, reissues and prolongations thereof; said assignee, and said assignee's successors and assigns, to have, hold, exercise and enjoy the said application, including any and all divisions and continuations thereof, and the said invention and any and all patents which may be granted therefor, including any and all renewals, reissues and prolongations thereof, with all the rights, powers, privileges and advantages in anywise arising from or appertaining thereto, for and during the term or terms of any and all such patents when granted, including any and all renewals, reissues and prolongations thereof, for the use and benefit of said assignee, and said assignee's successors or assigns, in as ample and beneficial a manner as the said assignor might or could have held and enjoyed the same, if this assignment had not been made. AND said assignor hereby agrees to perform, upon the request of said assignee, or said assignee's successors or assigns, any and all acts relating to the obtaining or to the asserting of said patents, including any and all renewals, reissues and prolongations thereof. AND said assignor authorizes and requests the Commissioner of Patents and Tra	· · ·
valuable consideration paid by said assignee to said assignor, the receipt of which is hereby acknowledged, said assignor hereby assigns, sells and transfers to said assignee, and said assignee's successors and assigns, the full and exclusive right, title and interest in and to said application, including any and all divisions and continuations thereof, and in and to said invention and any and all patents which may be granted therefor, including any and all renewals, reissues and prolongations thereof; said assignee, and said assignee's successors and assigns, to have, hold, exercise and enjoy the said application, including any and all divisions and continuations thereof, and the said invention and any and all patents which may be granted therefor, including any and all renewals, reissues and prolongations thereof, with all the rights, powers, privileges and advantages in anywise arising from or appertaining thereto, for and during the term or terms of any and all such patents when granted, including any and all renewals, reissues and prolongations thereof, for the use and benefit of said assignee, and said assignee's successors and assigns, in as ample and beneficial a manner as the said assignor might or could have held and enjoyed the same, if this assignment had not been made. AND said assignor hereby agrees to perform, upon the request of said assignee, or said assignee's successors or assigns, any and all acts relating to the obtaining or to the asserting of said patents, including any and all renewals, reissues and prolongations thereof. AND said assignor authorizes and requests the Commissioner of Patents and Trademarks to issue Letters Patent on said application, and on any and all divisions and continuations thereof, to said assignee, and said assignee's successors and assigns, in accordance herewith. As an above-named inventor, I hereby declare that the above-identified application was made or authorized to be made by me, and that I am the original inventor or an original joint inventor of a clai	hereinafter referred to as the assignee or applicant, is desirous of acquiring the entire right, title and interest in and to said application, including any and all divisions and continuations thereof, and in and to said invention and any
successors or assigns, any and all acts relating to the obtaining or to the asserting of said patents, including any and all renewals, reissues and prolongations thereof. AND said assignor authorizes and requests the Commissioner of Patents and Trademarks to issue Letters Patent on said application, and on any and all divisions and continuations thereof, to said assignee, and said assignee's successors and assigns, in accordance herewith. As an above-named inventor, I hereby declare that the above-identified application was made or authorized to be made by me, and 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 U.S.C. 1001 by fine or imprisonment of not more than five (5) years, or both. Address all correspondence and telephone calls to Rabin & Berdo, P.C., 1101 14 th Street, N.W., Suite 500, Washington, D.C. 20005, Telephone: (202) 371-8976; Fax: (202) 408-0924, Customer No. 23995. WITNESS: Signature: ASSIGNOR (SOLE OR FIRST INVENTOR): Signature: Hideaki OKAYAMA	valuable consideration paid by said assignee to said assigner, the receipt of which is hereby acknowledged, sai assignor hereby assigns, sells and transfers to said assignee, and said assignee's successors and assigns, the fur and exclusive right, title and interest in and to said application, including any and all divisions and continuation thereof, and in and to said invention and any and all patents which may be granted therefor, including any and a renewals, reissues and prolongations thereof; said assignee, and said assignee's successors and assigns, to have hold, exercise and enjoy the said application, including any and all divisions and continuations thereof, and the sail invention and any and all patents which may be granted therefor, including any and all renewals, reissues and prolongations thereof, with all the rights, powers, privileges and advantages in anywise arising from or appertaining thereto, for and during the term or terms of any and all such patents when granted, including any and all renewals reissues and prolongations thereof, for the use and benefit of said assignee, and said assignee's successors and
Patent on said application, and on any and all divisions and continuations thereof, to said assignee, and said assignee's successors and assigns, in accordance herewith. As an above-named inventor, I hereby declare that the above-identified application was made or authorized to be made by me, and 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 U.S.C. 1001 by fine or imprisonment of not more than five (5) years, or both. Address all correspondence and telephone calls to Rabin & Berdo, P.C., 1101 14 th Street, N.W., Suite 500, Washington, D.C. 20005, Telephone: (202) 371-8976; Fax: (202) 408-0924, Customer No. 23995. WITNESS: Signature: ASSIGNOR (SOLE OR FIRST INVENTOR): Signature: Hideaki OKAYAMA	
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Washington, D.C. 20005, Telephone: (202) 371-8976; Fax: (202) 408-0924, Customer No. 23995. WITNESS: Signature: Hiraki Teeganh' Signature: Hideaki OKAYAMA Legal Name: Hideaki OKAYAMA	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.
Signature: Hurch Taezanh' Signature: Holeaki OKAYAMA Legal Name: Hideaki OKAYAMA	Address all correspondence and telephone calls to Rabin & Berdo, P.C., 1101 14 th Street, N.W., Suite 500 Washington, D.C. 20005, Telephone: (202) 371-8976; Fax: (202) 408-0924, Customer No. 23995.
Signature: Hurch Taezanh' Signature: Holeaki OKAYAMA Legal Name: Hideaki OKAYAMA	WITNESS: ASSIGNOR (SOLE OR FIRST INVENTOR):
Legal Name: Hideaki OKAYAMA	
FIMIE: NOVORING CO. 1	Date: December 16, 2014

RABIN & BERDO, P.C., Washington, D.C.

RECORDED: 01/27/2015

PATENT REEL: 034823 FRAME: 0396