# 505179565 11/07/2018

# PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT5226333

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

#### **CONVEYING PARTY DATA**

Name	Execution Date
KAZUYOSHI TAKANO	11/01/2018
MAN MING HO	11/01/2018
KENJI IIZUMI	11/01/2018

### **RECEIVING PARTY DATA**

Name:	SENKO ADVANCED COMPONENTS, INC	
Street Address:	450 DONALD LYNCH BLVD	
City:	MARLBOROUGH	
State/Country:	MASSACHUSETTS	
Postal Code:	01752	

# **PROPERTY NUMBERS Total: 1**

Property Type	Number
Application Number:	16178043

### **CORRESPONDENCE DATA**

Fax Number:

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:** 9784937107

**Email:** patents@senko.com

Correspondent Name: SENKO ADVANCED COMPONENTS, INC.

Address Line 1: 450 DONALD LYNCH BLVD

Address Line 4: MARLBOROUGH, MASSACHUSETTS 01752

NAME OF SUBMITTER:	EDWARD S JARMOLOWICZ	
SIGNATURE:	/Edward S. Jarmolowicz 47238/	
<b>DATE SIGNED:</b> 11/07/2018		
	This document serves as an Oath/Declaration (37 CFR 1.63).	

### **Total Attachments: 6**

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PATENT 505179565 REEL: 047437 FRAME: 0188

source=S10460ManMingHoAssignmentOathPOA#page1.tif source=S10460ManMingHoAssignmentOathPOA#page2.tif

PATENT REEL: 047437 FRAME: 0189 Inventor Assignment, Power of Attorney and Oath (37CFR1.63)

THIS ASSIGNMENT, Power of Attorney and Oath, made by Kenji lizumi (hereinafter referred to as Assignor(s)); current employment address of Senko Advanced Components, Japan, 8F Konko Building , 1-1-16 Kanda Izumi —cho, Chiyoda-ku, Tokyo, JP 101-0024 ("Location").

WHEREAS, Assignor has jointly invented certain new and useful improvements listed below by U.S. serial numbers while employed by Senko Advanced Components Inc., 450 Donald Lynch Blvd, Unit D, Marlborough, MA 01752 (herein "Location").

U.S, SERIAL NUMBER: 62691463 - ADJUSTABLE POLARITY FIBER OPTIC CONNECTOR ASSEMBLIES WITH PUSH-PULL TABS

WHEREAS, <u>SENKO Advanced Components</u>, <u>Inc.</u>, organized under and pursuant to the laws of United States having its principal place of business at <u>450 Donald Lynch Boulevard - D</u>, <u>Marlborough</u>, <u>MA 01752-4703</u>, <u>United States</u> (hereinafter referred to as Assignee), is desirous of acquiring the entire right, title and interest in and to said inventions and said Application for Letters Patent of the United States, and in and to any Letters Patent of the United States to be obtained therefore and thereon.

NOW, THEREFORE, for good and sufficient consideration, the receipt of which is hereby acknowledged, Assignor have sold, assigned, transferred and set over, and by these presents do sell, assign, transfer and set over, unto Assignee, its successors, legal representatives and assigns, the entire right, title and interest in and to the above-mentioned inventions and application for Letters Patent, and in and to any and all direct and indirect divisions, continuations and continuations-in-part of said application, and any and all Letters Patent in the United States and all foreign countries which may be granted therefore and thereon, and reissues, reexaminations and extensions of said Letters Patent, and all rights under the International Convention for the Protection of Industrial Property, the same to be held and enjoyed by Assignee, for its own use and benefit and the use and benefit of its successors, legal representatives and assigns, to the full end of the term or terms for which Letters Patent may be granted and/or extended, as fully and entirely as the same would have been held and enjoyed by Assignor, had this sale and assignment not been made.

AND for the same consideration, Assignor hereby represent and warrant to Assignee, its successors, legal representatives and assigns, that, at the time of execution and delivery of these presents, except for any rights, titles and/or interests that have arisen to Assignee under law or that have already been transferred to Assignee, Assignor are the sole and lawful owners of the entire right, title and interest in and to the said inventions and application for Letters Patent above-mentioned, and that the same are unencumbered and that Assignor have good and full right and lawful authority to sell and convey the same in the manner herein set forth.

AND for the same consideration, Assignor hereby covenant and agree to and with Assignee, its successors, legal representatives and assigns, that Assignor will sign all papers and documents, take all lawful oaths and do all acts necessary or required to be done for the procurement, maintenance, enforcement and defense of any Letters Patent and applications for Letters Patent for said inventions, whenever counsel of Assignee, or counsel of its successors, legal representatives and assigns, shall advise: that any proceeding in connection with said inventions, or said Patent application for Letters Patent, or any proceeding in connection with any Letters Patent or applications for Letters Patent for said inventions in any country, including but not limited to interference proceedings, is lawful and desirable; or, that any division, continuation or continuation-in-part of any application for Letters Patent, or any reissue, reexamination or extension of any Letters Patent, to be obtained thereon, is lawful and desirable.

AND Assignor grants to Assignee a power of attorney to execute any documents to secure Assignee intellectual property in inventions and improvements worldwide, listed above including subsequent U.S. or foreign patent rights, in inventions co-invented with Senko employees in US, HK, China and Japan that occurred during my term of my employment at Senko.

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AND Assignor declares under oath, pursuant to 37 CFR 1.63 that he/she is the lawfully inventor and understands the inventions created jointly with other Senko employees outside of their Location while employed at Senko.

AND Assignor hereby request the Commissioner of Patent and Trademarks to issue said Letters Patent of the United States to Assignee, as Assignee of said inventions and the Letters Patent to be issued thereon, for the sole use and benefit of Assignee, its successors, legal representatives and assigns.

AND Assignor acknowledge an obligation of assignment of this invention to Assignee at the time the invention was made.

AND the undersigned hereby grant(s) the firm of SENKO Customer Number 152878 or its authorized law firms the power to insert on this Assignment any further identification, including the application number and filing date, which may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for recordation of this document.

AND I request that any Patents that may be issued for said Invention be issued to said Assignee, its legal representatives, successors or assigns, as the sole owner of the entire right, title and interest in and to said patent and the invention covered thereby.

Date: 15t, Nov , 2018

Witness: Wish fuch

Inventor Assignment, Power of Attorney and Oath (37CFR1.63)

THIS ASSIGNMENT, Power of Attorney and Oath, made by Kazuyoshi TAKANO (hereinafter referred to as Assignor(s)); current employment address of Senko Advanced Components, 450 Donald Lynch Blvd, Marlborough, MA 01752 ("Location").

WHEREAS, Assignor has jointly invented certain new and useful improvements listed below by U.S. serial numbers while employed by Senko Advanced Components Inc., 450 Donald Lynch Bivd, Unit D, Mariborough, MA 01752 (herein "Location").

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NOW, THEREFORE, for good and sufficient consideration, the receipt of which is hereby acknowledged, Assignor have sold, assigned, transferred and set over, and by these presents do sell, assign, transfer and set over, unto Assignee, its successors, legal representatives and assigns, the entire right, title and interest in and to the above-mentioned inventions and application for Letters Patent, and in and to any and all direct and indirect divisions, continuations and continuations-in-part of said application, and any and all Letters Patent in the United States and all foreign countries which may be granted therefore and thereon, and reissues, reexaminations and extensions of said Letters Patent, and all rights under the International Convention for the Protection of Industrial Property, the same to be held and enjoyed by Assignee, for its own use and benefit and the use and benefit of its successors, legal representatives and assigns, to the full end of the term or terms for which Letters Patent may be granted and/or extended, as fully and entirely as the same would have been held and enjoyed by Assignor, had this sale and assignment not been made.

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AND for the same consideration, Assignor hereby covenant and agree to and with Assignee, its successors, legal representatives and assigns, that Assignor will sign all papers and documents, take all lawful oaths and do all acts necessary or required to be done for the procurement, maintenance, enforcement and defense of any Letters Patent and applications for Letters Patent for said inventions, whenever counsel of Assignee, or counsel of its successors, legal representatives and assigns, shall advise: that any proceeding in connection with said inventions, or said Patent application for Letters Patent, or any proceeding in connection with any Letters Patent or applications for Letters Patent for said inventions in any country, including but not limited to interference proceedings, is lawful and desirable; or, that any division, continuation or continuation-in-part of any application for Letters Patent, or any reissue, reexamination or extension of any Letters Patent, to be obtained thereon, is lawful and desirable.

AND Assignor grants to Assignee a power of attorney to execute any documents to secure Assignee intellectual property in inventions and improvements worldwide, listed above including subsequent U.S. or foreign patent rights, in inventions co-invented with Senko employees in US, HK, China and Japan that occurred during my term of my employment at Senko.

pg. 2

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AND the undersigned hereby grant(s) the firm of SENKO Customer Number 152878 or its authorized law firms the power to insert on this Assignment any further identification, including the application number and filing date, which may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for recordation of this document.

AND I request that any Patents that may be issued for said Invention be issued to said Assignee, its legal representatives, successors or assigns, as the sole owner of the entire right, title and interest in and to said patent and the invention covered thereby.

Date: 1/10/2018	By: Name: Kazuysohi TAKANO
STATE OF: Massachsuetts )  COUNTY OF Massachsuetts ) SS:	
On this day of 2018, before person named in and who executed the above instraction herein.  EAL	re me personally appeared, Kazuyoshi Takano, known to be the ument, and acknowledged to me that he executed the same for t

My Commission Expires:

VICKIE M. ATWATER

Notary Public

Commonwealth of Massachusetts

My Commission Expires

July 22, 2022

#### Inventor Assignment, Power of Attorney and Oath (37CFR1.63)

THIS ASSIGNMENT, Power of Attorney and Oath, made by Man Ming HO (hereinafter referred to as Assignor(s)); current employment address of Senko Advanced Components, LTD, 7F, Prosperity Centre, 25 Chong Yip Street, Kwun Tong, Kowloon, HK ("Location").

WHEREAS, Assignor has jointly invented certain new and useful improvements listed below by U.S. serial numbers while employed by Senko Advanced Components Inc., 450 Donald Lynch Blvd, Unit D, Marlborough, MA 01752 (herein "Location").

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NOW, THEREFORE, for good and sufficient consideration, the receipt of which is hereby acknowledged, Assignor have sold, assigned, transferred and set over, and by these presents do sell, assign, transfer and set over, unto Assignee, its successors, legal representatives and assigns, the entire right, title and interest in and to the above-mentioned inventions and application for Letters Patent, and in and to any and all direct and indirect divisions, continuations and continuations-in-part of said application, and any and all Letters Patent in the United States and all foreign countries which may be granted therefore and thereon, and reissues, reexaminations and extensions of said Letters Patent, and all rights under the International Convention for the Protection of Industrial Property, the same to be held and enjoyed by Assignee, for its own use and benefit and the use and benefit of its successors, legal representatives and assigns, to the full end of the term or terms for which Letters Patent may be granted and/or extended, as fully and entirely as the same would have been held and enjoyed by Assignor, had this sale and assignment not been made.

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AND for the same consideration, Assignor hereby covenant and agree to and with Assignee, its successors, legal representatives and assigns, that Assignor will sign all papers and documents, take all lawful oaths and do all acts necessary or required to be done for the procurement, maintenance, enforcement and defense of any Letters Patent and applications for Letters Patent for said inventions, whenever counsel of Assignee, or counsel of its successors, legal representatives and assigns, shall advise: that any proceeding in connection with said inventions, or said Patent application for Letters Patent, or any proceeding in connection with any Letters Patent or applications for Letters Patent for said inventions in any country, including but not limited to interference proceedings, is lawful and desirable; or, that any division, continuation or continuation-in-part of any application for Letters Patent, or any reissue, reexamination or extension of any Letters Patent, to be obtained thereon, is lawful and desirable.

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AND I request that any Patents that may be issued for said Invention be issued to said Assignee, its legal representatives, successors or assigns, as the sole owner of the entire right, title and interest in and to said patent and the invention covered thereby.

Date: Nov 1 ,2018

By: Name: Man Ming N

Witness://

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