

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
JEFFREY GNIADEK	12/23/2022
RECEIVING PARTY DATA	
Name:	SENKO ADVANCED COMPONENTS, INC.
Street Address:	2 CABOT ROAD, SUITE 103
City:	HUDSON
State/Country:	MASSACHUSETTS
Postal Code:	01749
PROPERTY NUMBERS Total: 3	
Property Type	Number
Application Number:	17670353
Application Number:	17733865
Application Number:	18054955
CORRESPONDENCE DATA	
Fax Number:	(314)863-9388
<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:	3148630800
Email:	stl.uspatents@stinson.com
Correspondent Name:	STINSON LLP
Address Line 1:	7700 FORSYTH BLVD., SUITE 1100
Address Line 4:	ST. LOUIS, MISSOURI 63105
ATTORNEY DOCKET NUMBER:	SENKO-KRS
NAME OF SUBMITTER:	KIM SCHIMWEG
SIGNATURE:	/Kim Schimweg/
DATE SIGNED:	02/01/2023
Total Attachments: 6	
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Assignment by Inventor and Power of Attorney

THIS ASSIGNMENT and Power of Attorney, made by Jeffrey Gniadek (hereinafter referred to as Assignor); residing P.O. Box 578, Oxford, ME 04270

WHEREAS, Assignor has jointly invented certain new and useful improvements listed in the Appendix A of US provisional, US non provisional and PCT serial numbers while employed by Senko Advanced Components, Inc., 2 Cabot Road, Suite 103, Hudson, MA 01749.

WHEREAS, SENKO Advanced Components, Inc., a Massachusetts corporation organized under and pursuant to the laws of United States having its principal place of business at 2 Cabot Road Suite 103, Hudson, MA 01749-2942, United States (hereinafter referred to as Assignee), is desirous of acquiring the entire right, title and interest in and to inventions and Applications listed in the Appendix A for Letters Patent of the United States, and in and to any Letters Patent of the United States to be obtained therefore and thereon, including any foreign filings therefrom.

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 each application in Appendix A, 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 applications 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, listed in the Appendix A, co-invented with Senko employees in US, HK and Japan during my term of my employment at Senko Shanghai.

AND Assignor declares under oath, pursuant to 37 CFR he is the lawfully inventor and understands the inventions created jointly with other Senko employees outside of China while employed.

AND Assignor hereby request the Commissioner of Patent and Trademarks to issue 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 each invention listed in the Appendix A to Assignee at the time the invention was made.

Date: 12/23/2022

Jeffrey Gniadek

Date: 12/23/2022

Yoko Tanaka
Witness

Appendix A

Application Number	Filing Date	Title
12/636,611	12/11/2009	Optical fiber connector and adapter
13/286,773	11/1/2011	Latching Connector With Remote Release
13/891,191	5/10/2013	Interlockable fiber optic connector adaptors
14/034,506	9/23/2013	True one piece housing fiber optic adapter
14/137,922	12/20/2013	Lockable Connectors And Connection Assemblies
14/637,314	3/3/2015	Optical fiber connector with changeable polarity
14/698,267	4/28/2015	Ingress Protected Optical Fiber Connector Having Small Diameter (Mini-IP Connector)
14/790,077	7/2/2015	Bayonet Lock MPO Connector
14/812,232	7/29/2015	CONNECTOR SYSTEM WITH INTERCHANGEABLE CONNECTOR MODULES FOR OPTICAL FIBERS, ELECTRICAL CONDUCTORS, OR BOTH
14/838,132	8/27/2015	Micro Hybrid LC Duplex Adapter
14/874,670	10/5/2015	Bayonet lock MPO connector
14/996,845	1/15/2016	Ingress Protected Optical Fiber Connector Having Small Diameter (Mini-IP Connector)
14/996,865	1/15/2016	Narrow Width Adapters and Connectors with Spring Loaded Remote Release
15/044,838	2/16/2016	Narrow Width Adapters and Connectors with Spring Loaded Remote Release
15/195,405	6/28/2016	Connector and adapter system for two-fiber mechanical transfer type ferrule
15/262,731	9/12/2016	Optical Connector and Adapter System for a Dual-Ferrule Connector
15/293,836	10/14/2016	Lockable connectors and connection assemblies
15/339,110	10/31/2016	Ingress Protected Optical Fiber Connector Having Small Diameter (Mini-IP Connector)
15/589,174	5/8/2017	Micro Hybrid LC Duplex Adapter
15/601,308	5/22/2017	Optical Fiber Connector With Changeable Polarity
15/670,157	8/7/2017	Bayonet Lock MPO Connector
15/670,161	8/7/2017	CONNECTOR AND ADAPTER SYSTEM FOR TWO-FIBER MECHANICAL TRANSFER TYPE FERRULE
15/693,842	9/1/2017	Connector System With Interchangeable Connector Modules For Optical Fibers, Electrical Conductors, Or Both
15/720,980	9/29/2017	Narrow Width Adapters and Connectors with Modular Latching Arm
15/881,309	1/26/2018	MODULAR CONNECTOR AND ADAPTER ASSEMBLY USING A REMOVABLE ANCHOR DEVICE
15/882,343	1/29/2018	REMOTE RELEASE TAB CONNECTOR ASSEMBLY
15/884,327	1/30/2018	OPTICAL CONNECTORS WITH REVERSIBLE POLARITY
15/955,811	4/18/2018	Field Terminated Ruggedized Fiber Optic Connector System
15/974,442	5/8/2018	LATCHING CONNECTOR WITH REMOTE RELEASE
15/987,922	5/24/2018	OPTICAL INTERCONNECTION SYSTEM AND MOUNTING BRACKET FOR SUPPORTING A MATED OPTICAL FIBER FERRULE ASSEMBLY

16/016,577	6/23/2018	CONNECTOR AND ADAPTER SYSTEM FOR MULTI-FIBER MECHANICAL TRANSFER TYPE FERRULE USING A CABLE RELEASE
16/123,381	9/6/2018	ADAPTER SYSTEM FOR MUTLI-FIBER MECHANICAL TRANSFER TYPE FERRULE
16/176,661	10/31/2018	MODULAR CONNECTOR AND ADAPTER DEVICES
16/182,810	11/7/2018	OPTICAL CONNECTORS WITH REVERSIBLE POLARITY
16/195,513	11/19/2018	Adapter for Narrow Width Connectors
16/213,244	12/7/2018	NARROW WIDTH ADAPTERS AND CONNECTORS WITH PULL TAB RELEASE
16/240,450	1/4/2019	PULL ROD AND ALIGNEMENT KEY FOR A FIBER OPTIC CONNECTOR AND ADAPTER
16/257,619	1/25/2019	RECEIVER DEVICE FOR ACCEPTING NARROW WIDTH CONNECTORS
16/257,672	1/25/2019	NETWORK SYSTEM OF NARROW WIDTH CONNECTORS AND RECEIVER DEVICES
16/271,012	2/8/2019	INGRESS PROTECTED, OUTDOOR RATED ADAPTER AND METHOD OF ASSEMBLY TO AN OUTDOOR CONNECTOR
16/283,161	2/22/2019	WATERPROOF FIBER OPTIC ADAPTER ASSEMBLY FOR SEALING A FIBER OPTIC CONNECTOR AGAINST MOISTURE INGRESS
16/292,921	3/5/2019	HYBRID INGRESS PROTECTED CONNECTOR AND ADAPTER ASSEMBLY
16/297,607	3/9/2019	OPTICAL CONNECTORS WITH REVERSIBLE POLARITY AND METHOD OF USE
16/297,614	3/9/2019	Receiver Configured To Accept A Removable Anchor Device For Securing A Fiber Optic Connector Within The Receiver
16/411,914	5/14/2019	Bayonet Lock MPO Connector
16/513,281	7/16/2019	REMOTE RELEASE TAB CONNECTOR ASSEMBLY
16/513,836	7/17/2019	CONNECTOR SYSTEM WITH INTERCHANGEABLE CONNECTOR MODULES FOR OPTICAL FIBERS, ELECTRICAL CONDUCTORS, OR BOTH
16/577,197	9/20/2019	STACKABLE ADAPTER HOUSING FOR OPPOSING MT FERRULES
16/654,767	10/16/2019	SPRINGLESS RETENTION STRUCTURE FOR AN INGRESS PROTECTED HYBRID CONNECTOR ASSEMBLY
16/663,511	10/25/2019	MOUNTING BRACKET FOR SUPPORTING A MATED FERRULE SUB-ASSEMBLY
16/695,901	11/26/2019	NARROW WIDTH ADAPTERS AND CONNECTORS WITH PULL TAB RELEASE
16/707,532	12/9/2019	OPTICAL FIBER CONNECTOR WITH CHANGEABLE POLARITY
16/782,711	2/5/2020	FIBER OPTIC SYSTEM FOR NARROW WIDTH FIBER OPTIC CONNECTORS, ADAPTERS AND TRANSCEIVERS
16/782,828	2/5/2020	INGRESS PROTECTED, OUTDOOR RATED CONNECTOR WITH INTEGRATED OPTICAL CONNECTOR PLUG FRAME
16/799,290	2/24/2020	ADAPTER ASSEMBLY HAVING A RETURN SPRING WITH A PUSH-PULL TAB
16/844,744	4/9/2020	WATERPROOF FIBER OPTIC CONNECTOR ASSEMBLY AND METHOD OF USE
16/853,571	4/20/2020	SMALL FORM FACTOR FIBER OPTIC CONNECTOR WITH RESILIENT LATCHING MECHANISM FOR SECURING WITHIN A HOOK-LESS RECEPTACLE

16/858,678	4/26/2020	PULL ROD AND ALIGNMENT KEY FOR A FIBER OPTIC CONNECTOR AND ADAPTER
16/877,384	5/18/2020	BEHIND-THE-WALL OPTICAL CONNECTOR AND ASSEMBLY OF THE SAME
16/893,385	6/4/2020	OPTICAL CONNECTION SYSTEMS AND CONNECTORS THEREFOR
16/937,548	7/23/2020	CONNECTOR SYSTEM WITH INTERCHANGEABLE CONNECTOR MODULES FOR OPTICAL FIBERS, ELECTRICAL CONDUCTORS, OR BOTH
16/988,581	8/7/2020	NARROW WIDTH FIBER OPTIC CONNECTOR
16/989,763	8/10/2020	QUICK RELEASE COUPLER FOR FIBER OPTIC CONNECTIONS
17/067,092	10/9/2020	HYBRID INGRESS PROTECTED CONNECTOR AND ADAPTER ASSEMBLY
17/094,766	11/10/2020	REMOTE RELEASE TAB CONNECTOR ASSEMBLY
17/115,975	12/9/2020	ADAPTER SYSTEM FOR MULTI-FIBER MECHANICAL TRANSFER TYPE FERRULE
17/161,556	1/28/2021	OPTICAL FIBER CONNECTOR WITH CHANGEABLE POLARITY
17/169,539	2/7/2021	FIBER OPTIC SYSTEM FOR NARROW WIDTH FIBER OPTIC CONNECTORS, ADAPTERS AND TRANSCEIVERS
17/169,817	2/8/2021	WATERPROOF FIBER OPTIC CONNECTOR ASSEMBLY AND METHOD OF USE
17/190,096	3/2/2021	OPTICAL CONNECTION SYSTEM, OPTICAL CONNECTOR, AND OPTICAL ADAPTER FOR USE WITH OPTICAL CABLE ASSEMBLY AND RECEPTACLE
17/190,126	3/2/2021	OPTICAL CONNECTION SYSTEM, OPTICAL CONNECTOR, AND OPTICAL ADAPTER FOR USE WITH OPTICAL CABLE ASSEMBLY AND RECEPTACLE
17/200,134	3/12/2021	OPTICAL CONNECTORS WITH REVERSIBLE POLARITY AND METHOD OF USE
17/325,864	5/20/2021	FIBER OPTIC SYSTEM FOR NARROW WIDTH FIBER OPTIC CONNECTORS, ADAPTERS AND TRANSCEIVERS
17/342,220	6/8/2021	NARROW WIDTH ADAPTERS AND CONNECTORS WITH PULL TAB RELEASE
17/343,432	6/9/2021	MULTIPOINT ASSEMBLY AND ASSOCIATED COMPONENTS
17/343,488	6/9/2021	MULTIPOINT ASSEMBLY AND ASSOCIATED COMPONENTS
17/343,577	6/9/2021	MULTIPOINT ASSEMBLY AND ASSOCIATED COMPONENTS
17/366,489	7/2/2021	OPTICAL FIBER CONNECTOR WITH CHANGEABLE POLARITY
17/366,612	7/2/2021	OPTICAL FIBER CONNECTOR WITH CHANGEABLE POLARITY
17/375,856	7/14/2021	ADAPTER FOR OPTICAL CONNECTORS
17/378,380	7/16/2021	OPTICAL CONNECTOR
17/494,291	10/5/2021	NARROW WIDTH ADAPTERS AND CONNECTORS WITH PULL TAB RELEASE
17/506,373	10/20/2021	OPTICAL FIBER CONNECTOR WITH CHANGEABLE POLARITY
17/536,014	11/27/2021	INGRESS PROTECTED, OUTDOOR RATED ADAPTER AND METHOD OF ASSEMBLY TO AN OUTDOOR CONNECTOR
17/581,949	1/23/2022	ADAPTER
17/667,221	2/8/2022	ADAPTER SYSTEM FOR MULTI-FIBER MECHANICAL TRANSFER TYPE FERRULE
17/667,229	2/8/2022	ADAPTER SYSTEM FOR MULTI-FIBER MECHANICAL TRANSFER TYPE FERRULE
17/669,438	2/11/2022	OPTOELECTRONIC CONNECTIONS TO PRINTED CIRCUIT BOARDS

17/670,353	2/11/2022	SPRINGLESS RETENTION STRUCTURE FOR AN INGRESS PROTECTED HYBRID CONNECTOR ASSEMBLY
17/733,865	4/29/2022	ADAPTER FOR OPTICAL CONNECTORS
18/054,955	11/14/2022	ADAPTER SYSTEM FOR MULTI-FIBER MECHANICAL TRANSFER TYPE FERRULE
29/745,662	8/7/2020	CLIP FOR RELEASABLY RETAINING A FIBER OPTIC CONNECTOR
62/430,067	12/5/2016	Narrow Width Adapters and Connectors with Spring Loaded Remote Release
62/430,560	12/6/2016	Narrow Width Adapters and Connectors with Spring Loaded Remote Release
62/452,147	1/30/2017	Narrow Width Adapters and Connectors with Modular Latching Arm
62/457,150	2/9/2017	OPTICAL FIBER CONNECTOR
62/463,898	2/27/2017	Optical Connector Port with Changeable Latching System
62/463,901	2/27/2017	Optical Connector with Changeable Latching System
62/485,042	4/13/2017	Optical Connector with Remote Release and Reversible Polarity System
62/500,599	5/3/2017	Field Terminated Ruggedized Fiber Optic Connector System
62/516,635	6/7/2017	PIVOTING CIRCUIT BOARD MOUNTED FIBER OPTIC CONNECTOR SYSTEM
62/546,920	8/17/2017	Narrow Width Adapters and Connectors with Modular Latching Arm
62/614,189	1/5/2018	PULL ROD AND ALIGNMENT KEY CONNECTOR
62/644,011	3/16/2018	WATERPROOF FIBER OPTIC CONNECTOR AND ADAPTER SYSTEM
62/651,679	4/2/2018	HYBRID INGRESS PROTECTED CONNECTOR AND ADAPTER ASSEMBLY
62/694,114	7/5/2018	MICRO CONNNECTOR INGRESS PROTECTED WITH IN-ADAPTER FOR A FIBER OPTIC CONNECTOR
62/713,626	8/2/2018	RETENTION STRUCTURE FOR SECURING TWO DISSIMILAR MECHANICAL DEVICES TO FORM A HYBRID ASSEMBLY
62/733,945	9/20/2018	STACKABLE ADAPTER HOUSING FOR OPPOSING MT FERRULES
62/746,423	10/16/2018	SPRINGLESS RETENTION STRUCTURE FOR AN INGRESS PROTECTED HYBRID CONNECTOR ASSEMBLY
62/779,295	12/13/2018	Release Tool and System for Removing One or More Connectors from an Adapter
62/802,635	2/7/2019	INGRESS PROTECTED, OUTDOOR RATED CONNECTOR WITH INTEGRATED OPTICAL CONNECTOR PLUG FRAME
62/808,938	2/22/2019	Quad Release Tool and System for Removing One or More Connectors from an Adapter
62/836,155	4/19/2019	SMALL FORM FACTOR FIBER OPTIC CONNECTOR WITH RESILIENT LATCHING MECHANISM FOR SECURING TO RECEPTACLE
62/838,592	4/25/2019	THREE WAY HYBRID BAYONET CONNECTOR
62/857,026	6/4/2019	Blind Mate Optical Connector
62/884,449	8/8/2019	Quick Release Mounting Bracket
62/942,056	11/29/2019	SPRING INTEGRATED PIN HOLDER
62/946,777	12/11/2019	HYBRID ADAPTER ASSEMBLY
62/976,899	2/14/2020	Distributed Network of Ingress Protected Terminals with Ports and Auxiliary Ports in Optical Communication
62/984,355	3/3/2020	Ingress Protected Push-Pull Connector with Locking Key
63/036,950	6/9/2020	Configurable Outdoor Fiber Optic Plug Terminal

63/056,508	7/24/2020	OUTDOOR CONNECTOR ASSEMBLY WITH FERRULE PROTECTION AND SPRING HOLDER ASSEMBLY
63/086,909	10/2/2020	Auxiliary Port Interface Assembly
63/148,892	2/12/2021	Blind Mate Connector System for QSFP-DD Back End
63/179,180	4/23/2021	SAFETY INTERLOCK FOR A FERRULE ASSEMBLY
63/180,549	4/27/2021	Electrical Safety Interlock for a Pluggable Module
63/191,074	5/20/2021	Auxiliary Port Interface
63/191,077	5/20/2021	Overhead Latch
PCT/US16/39599	6/27/2016	Bayonet Lock Mpo Connector
PCT/US17/64643	12/5/2017	Narrow Width Adapters And Connectors With Modular Latching Arm
PCT/US18/15733	1/29/2018	MODULAR CONNECTOR AND ADAPTER DEVICES
PCT/US18/16049	1/30/2018	OPTICAL CONNECTORS WITH REVERSIBLE POLARITY
PCT/US19/19229	2/22/2019	WATERPROOF FIBER OPTIC ADAPTER ASSEMBLY FOR SEALING A FIBER OPTIC CONNECTOR AGAINST MOISTURE INGRESS
PCT/US19/20706	3/5/2019	HYBRID INGRESS PROTECTED CONNECTOR AND ADAPTER ASSEMBLY
PCT/US19/52128	9/20/2019	STACKABLE ADAPTER HOUSING FOR OPPOSING MT FERRULES
PCT/US20/17163	2/7/2020	INGRESS PROTECTED, OUTDOOR RATED CONNECTOR WITH INTEGRATED OPTICAL CONNECTOR PLUG FRAME
PCT/US20/19484	2/24/2020	ADAPTER ASSEMBLY HAVING A RETURN SPRING WITH A PUSH-PULL TAB
PCT/US20/33491	5/18/2020	BEHIND-THE-WALL OPTICAL CONNECTOR AND ASSEMBLY OF THE SAME
PCT/US2019/040700	7/5/2019	INGRESS PROTECTED, OUTDOOR RATED ADAPTER AND METHOD OF ASSEMBLY TO AN OUTDOOR CONNECTOR
PCT/US2019/056564	10/16/2019	SPRINGLESS RETENTION STRUCTURE FOR AN INGRESS PROTECTED HYBRID CONNECTOR ASSEMBLY
PCT/US2021/036674	6/9/2021	Multiport Assembly and Associated Components
PCT/US2022/016076	2/11/2022	OPTOELECTRONIC CONNECTIONS TO PRINTED CIRCUIT BOARDS
PCT/US21/19074	2/22/2021	FIBER OPTIC CONNECTORS AND ASSOCIATED ADAPTERS
PCT/US21/20682	3/3/2021	OPTICAL CONNECTION SYSTEM, OPTICAL CONNECTOR, AND OPTICAL ADAPTER FOR USE WITH OPTICAL CABLE ASSEMBLY AND RECEPTACLE