

## PATENT ASSIGNMENT COVER SHEET

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<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
KOJI MURAKAMI	06/07/2019
YUKIHISA UCHIKAWA	06/01/2019
TAKAHIRO AKAIKE	06/07/2019
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<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
Application Number:	16402235
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<b>ATTORNEY DOCKET NUMBER:</b>	MX-2017-0136-US-NP
<b>NAME OF SUBMITTER:</b>	JAMES A. O'MALLEY
<b>SIGNATURE:</b>	/JAMES A. O'MALLEY/
<b>DATE SIGNED:</b>	06/07/2019
<b>Total Attachments: 2</b>	
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ASSIGNMENT

Application No.: 16/402235  
Filing Date: 05-03-2019  
Attorney Docket No.: MX-2017-0136-US-NP

Inventors:  
Koji MURAKAMI  
Yukihisa UCHIKAWA  
Takahiro AKAIKE  
Teruki NAGASE

The undersigned hereby assigns to MOLEX, LLC, a Delaware Limited Liability Company, having its principal office in Lisle, Illinois (hereinafter referred to as "assignee"), its successors and assigns, the entire right, title and interest in the invention or improvements of the undersigned discloses in a patent application entitled:

**CONNECTOR, CONNECTOR ASSEMBLY, AND CIRCUIT DEVICE**

and identified as Attorney Docket No. MX-2017-0136-US-NP in the Legal Department of Molex, LLC 2222 Wellington Court, Lisle, Illinois 60532, and in said patent application and any and all other related applications, including nonprovisional, continuations, divisional and continuation-in-part applications in the United States, international and foreign, which the undersigned may file, either solely or jointly with others, on said invention or improvements and in any and all Letters Patent of the United States and foreign countries, which may be obtained on any of said applications, and in any reissue or extension of such patents.

The undersigned hereby authorizes and requests the Commissioner of Patents and Trademarks to issue any corresponding Letters Patent to said assignee.

The undersigned hereby authorizes and requests the attorneys of record in said application to insert in this assignment the date of execution of said application, and further warrants that there are no outstanding prior assignments, licenses, or other encumbrances on the interest herein assigned.

The undersigned hereby further agrees, upon the request, and at the expense of said assignee, its successors, legal representatives and assigns, to execute any and all divisional continuation and renewal or substitute applications for said invention or improvements, and any application for the reissue or extension or any request for the reexamination of any Letters Patents that may be granted upon said application, and any necessary oath or supplemental oath or affidavit or declaration relating thereto, that said assignee, its successors, legal representatives and assigns may deem necessary or expedient.

The undersigned further agrees upon the request of said assignee, its successors, legal representatives and assigns, in the event that said application or any continuing application

thereof, or Letters Patent issued thereon, or any reissue or application for the reissue thereof, becomes involved in interference, reexamination or litigation in the courts, to cooperate to the best of my ability with said assignee, its successors, legal representatives and assigns in the matters of preparing the executing preliminary statements and other pleadings and documents and giving and producing evidence in support thereof including testimony in either oral or written form; and the undersigned still further agrees to perform upon such request any and all affirmative acts to obtain any said Letters Patent, and vest all rights therein hereby conveyed in the said assignee, its successors, legal representatives and assigns to the end of the term for which said Letters Patent may be granted as fully and entirely as the same would have been held and enjoyed by me if this assignment and sale had not been made.

The undersigned hereby also assigns to said assignee, its successors, legal representatives and assigns the entire right, title and interest in said invention or improvements for any and all foreign countries and the right of priority for patent and utility model applications in all countries arising under any applicable international convention for the protection of industrial property and/or any internal priority legislation of such countries, and further agrees upon the request of said assignee, its successors, legal representatives and assigns to execute any and all documents that shall be required to be executed in connection with any and all applications for foreign Letters Patent therefore, including the prosecution thereof and litigation relative thereto, and to execute any and all documents necessary to invest title in said foreign applications and patents in said assignee.

IN WITNESS WHEREOF, I have executed this instrument on the date indicated below:

Koji Murakami  
Koji MURAKAMI

June 7, 2019  
Date

Yukihisa Uchikawa  
Yukihisa UCHIKAWA

June 1, 2019  
Date

Takahiro Akaike  
Takahiro AKAIKE

June - 7, 2019  
Date

Teruki Nagase  
Teruki NAGASE

June 7, 2019  
Date