PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT	
NATURE OF CONVEYANCE:	ASSIGNMENT	

CONVEYING PARTY DATA

Name	Execution Date
AARON G. MASTERS	02/14/2020
KEVIN LEMAY	02/12/2020
CHUCK TUFFLI	02/13/2020

RECEIVING PARTY DATA

Name:	ame: TELEDYNE LECROY OAKGATE, INC.	
Street Address: 1049 CAMINO DOS RIOS		
City: THOUSAND OAKS		
State/Country: CALIFORNIA		
Postal Code:	91360	

PROPERTY NUMBERS Total: 2

Property Type	Number
Application Number:	16728338
Application Number:	62826265

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.

Email: zachary.hunsaker@teledyne.com

Correspondent Name: ZACH HUNSAKER

Address Line 1: 1049 CAMINO DOS RIOS

Address Line 4: THOUSAND OAKS, CALIFORNIA 91360

ATTORNEY DOCKET NUMBER:	252-2018-004US1	
NAME OF SUBMITTER: ZACHARY HUNSAKER		
SIGNATURE:	/zjh/	
DATE SIGNED:	03/18/2020	
	This document serves as an Oath/Declaration (37 CFR 1.63).	

Total Attachments: 9

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PATENT REEL: 052153 FRAME: 0645

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CONFIRMATORY PATENT ASSIGNMENT

THIS CONFIRMATORY PATENT ASSIGNMENT (this "Assignment") between Chuck Tuffli, an individual residing in the State of California of the United States of America ("Assignor"), and Teledyne LeCroy OakGate, Inc., a Delaware corporation ("Assignee"), is effective as of the date it was executed by Assignor (the "Effective Date").

WHEREAS, Assignor is or was employed by Assignee and previously assigned, agreed to assign, or otherwise has or had an obligation to assign, to Assignee Assignor's entire right, title and interest in the inventions and other subject matter included in certain patents, patent applications, and/or invention disclosures and Assignor and Assignee desire to confirm said assignment in a form suitable for recordation.

NOW THEREFORE, for good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, the parties hereto agree, intending to be legally bound, as follows:

- 1. Assignor hereby confirms that it has previously sold, transferred, assigned, conveyed, set over and delivered, and if previous assignment was insufficient in that regard hereby sells, transfers, assigns, conveys, sets over and delivers, to Assignee, its successors and assigns, all of Assignor's rights, title and interests in and to the following (the "Assigned Patents"):
- (a) the patents and patent applications set forth on <u>Schedule 1</u> hereto and all issuances, divisions, continuations, continuations-in-part, reissues, extensions, reexaminations and renewals thereof:
- (b) all rights of any kind whatsoever of Assignor accruing under any of the foregoing provided by applicable law of any jurisdiction, by international treaties and conventions and otherwise throughout the world;
- (c) any and all royalties, fees, income, payments and other proceeds now or hereafter due or payable with respect to any and all of the foregoing; and
- (d) any and all claims and causes of action with respect to any of the foregoing, whether accruing before, on and/or after the Effective Date, including all rights to and claims for damages, restitution and injunctive and other legal and equitable relief for past, present and future infringement, misappropriation, violation, misuse, breach or default, with the right but not the obligation to sue for such legal and equitable relief and to collect, or otherwise recover, any such damages.
- 2. Assignor hereby authorizes and requests the United States Commissioner of Patents and Trademarks and the proper officials of all other countries to record this Assignment upon request of Assignee. At Assignee's cost and expense, Assignor shall take such steps and actions following the Effective Date, including the execution of any documents, files, registrations, or other similar items, to ensure that the Assigned Patents are assigned to Assignee, or any assignee or successor thereto.

Confirmatory Patent Assignment

Page 1 of 3

IN WITNESS WHEREOF and intending to be legally bound, Assignor has executed this Assignment on this 13th day of 12th 2020.

ASSIGNOR

Nona Chiek Tuffi

SCHEDULE 1 To

Confirmatory Patent Assignment

Country - Region - Type	Patent – Publication – Application – Disclosure No(s).	<u>Issue –</u> <u>Publication –</u> <u>Filing –</u> <u>Submission</u> Date(s)	<u>Title</u>
US	16/728338	12/27/2019	DETECTION OF A DMA (DIRECT MEMORY ACCESS) MEMORY ADDRESS VIOLATION WHEN TESTING PCIE DEVICES
US	62/826265	3/29/2019	METHOD TO TEST DMA ADDRESS CAPABILITY AT HIGH ADDRESS VALUES

CONFIRMATORY PATENT ASSIGNMENT

THIS CONFIRMATORY PATENT ASSIGNMENT (this "Assignment") between Kevin Lemay, an individual residing in the State of California of the United States of America ("Assignor"), and Teledyne LeCroy OakGate, Inc., a Delaware corporation ("Assignee"), is effective as of the date it was executed by Assignor (the "Effective Date").

WHEREAS, Assignor is or was employed by Assignee and previously assigned, agreed to assign, or otherwise has or had an obligation to assign, to Assignee Assignor's entire right, title and interest in the inventions and other subject matter included in certain patents, patent applications, and/or invention disclosures and Assignor and Assignee desire to confirm said assignment in a form suitable for recordation.

NOW THEREFORE, for good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, the parties hereto agree, intending to be legally bound, as follows:

- 1. Assignor hereby confirms that it has previously sold, transferred, assigned, conveyed, set over and delivered, and if previous assignment was insufficient in that regard hereby sells, transfers, assigns, conveys, sets over and delivers, to Assignee, its successors and assigns, all of Assignor's rights, title and interests in and to the following (the "Assigned Patents"):
- (a) the patents and patent applications set forth on <u>Schedule 1</u> hereto and all issuances, divisions, continuations, continuations-in-part, reissues, extensions, reexaminations and renewals thereof:
- (b) all rights of any kind whatsoever of Assignor accruing under any of the foregoing provided by applicable law of any jurisdiction, by international treaties and conventions and otherwise throughout the world;
- (c) any and all royalties, fees, income, payments and other proceeds now or hereafter due or payable with respect to any and all of the foregoing; and
- (d) any and all claims and causes of action with respect to any of the foregoing, whether accruing before, on and/or after the Effective Date, including all rights to and claims for damages, restitution and injunctive and other legal and equitable relief for past, present and future infringement, misappropriation, violation, misuse, breach or default, with the right but not the obligation to sue for such legal and equitable relief and to collect, or otherwise recover, any such damages.
- 2. Assignor hereby authorizes and requests the United States Commissioner of Patents and Trademarks and the proper officials of all other countries to record this Assignment upon request of Assignee. At Assignee's cost and expense, Assignor shall take such steps and actions following the Effective Date, including the execution of any documents, files, registrations, or other similar items, to ensure that the Assigned Patents are assigned to Assignee, or any assignee or successor thereto.

Confirmatory Patent Assignment

Page 1 of 3

IN WITNESS WHEREOF and intending to be legally bound, Assignor has executed this Assignment on this 12 day of 12020.

ASSIGNOR

Name: Kevin Lemay

SCHEDULE 1

To Confirmatory Patent Assignment

Country - Region - Type	Patent – Publication – Application – Disclosure No(s).	<u>Issue –</u> <u>Publication –</u> <u>Filing –</u> <u>Submission</u> <u>Date(s)</u>	<u>Title</u>
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US	62/826265	3/29/2019	METHOD TO TEST DMA ADDRESS CAPABILITY AT HIGH ADDRESS VALUES

CONFIRMATORY PATENT ASSIGNMENT

THIS CONFIRMATORY PATENT ASSIGNMENT (this "Assignment") between Aaron G. Masters, an individual residing in the State of California of the United States of America ("Assignor"), and Teledyne LeCroy OakGate, Inc., a Delaware corporation ("Assignee"), is effective as of the date it was executed by Assignor (the "Effective Date").

WHEREAS, Assignor is or was employed by Assignee and previously assigned, agreed to assign, or otherwise has or had an obligation to assign, to Assignee Assignor's entire right, title and interest in the inventions and other subject matter included in certain patents, patent applications, and/or invention disclosures and Assignor and Assignee desire to confirm said assignment in a form suitable for recordation.

NOW THEREFORE, for good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, the parties hereto agree, intending to be legally bound, as follows:

- 1. Assignor hereby confirms that it has previously sold, transferred, assigned, conveyed, set over and delivered, and if previous assignment was insufficient in that regard hereby sells, transfers, assigns, conveys, sets over and delivers, to Assignee, its successors and assigns, all of Assignor's rights, title and interests in and to the following (the "Assigned Patents"):
- (a) the patents and patent applications set forth on <u>Schedule 1</u> hereto and all issuances, divisions, continuations, continuations-in-part, reissues, extensions, reexaminations and renewals thereof;
- (b) all rights of any kind whatsoever of Assignor accruing under any of the foregoing provided by applicable law of any jurisdiction, by international treaties and conventions and otherwise throughout the world;
- (c) any and all royalties, fees, income, payments and other proceeds now or hereafter due or payable with respect to any and all of the foregoing; and
- (d) any and all claims and causes of action with respect to any of the foregoing, whether accruing before, on and/or after the Effective Date, including all rights to and claims for damages, restitution and injunctive and other legal and equitable relief for past, present and future infringement, misappropriation, violation, misuse, breach or default, with the right but not the obligation to sue for such legal and equitable relief and to collect, or otherwise recover, any such damages.
- 2. Assignor hereby authorizes and requests the United States Commissioner of Patents and Trademarks and the proper officials of all other countries to record this Assignment upon request of Assignee. At Assignee's cost and expense, Assignor shall take such steps and actions following the Effective Date, including the execution of any documents, files, registrations, or other similar items, to ensure that the Assigned Patents are assigned to Assignee, or any assignee or successor thereto.

Confirmatory Patent Assignment

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IN WITNESS WHEREOF and intending to be legally bound, Assignor has executed this Assignment on this 14 day of Etg. 2020.

ASSIGNOR

Name: Aaron G Magtara

SCHEDULE 1 To

Confirmatory Patent Assignment

Country - Region - Type	Patent – Publication – Application – Disclosure No(s).	<u>Issue –</u> <u>Publication –</u> <u>Filing –</u> <u>Submission</u> <u>Date(s)</u>	<u>Title</u>
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Confirmatory Patent Assignment

RECORDED: 03/18/2020

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