PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT5111112

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	MERGER
EFFECTIVE DATE:	07/01/2018

CONVEYING PARTY DATA

Name	Execution Date
TELEDYNE CATALYST ENTERPRISES, INC.	07/01/2018

RECEIVING PARTY DATA

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

PROPERTY NUMBERS Total: 2

Property Type	Number
Patent Number:	7529258
Patent Number:	7383547

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: 8053734545

Email: david.zoetewey@teledyne.com

Correspondent Name: ZACH HUNSAKER

Address Line 1: 1049 CAMINO DOS RIOS

Address Line 4: THOUSAND OAKS, CALIFORNIA 91360

ATTORNEY DOCKET NUMBER:	250P-2002-005/2004-008	
NAME OF SUBMITTER:	ZACHARY HUNSAKER	
SIGNATURE:	/zjh/	
DATE SIGNED:	08/27/2018	

Total Attachments: 3

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PATENT 4357 REEL: 046709 FRAME: 0397

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FILEDING Secretary of State State of California

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Delaware

The First State

I, JEFFREY W. BULLOCK, SECRETARY OF STATE OF THE STATE OF DELAWARE, DO HEREBY CERTIFY THE ATTACHED IS A TRUE AND CORRECT COPY OF THE CERTIFICATE OF MERGER, WHICH MERGES:

"TELEDYNE CATALYST ENTERPRISES, INC.", A CALIFORNIA CORPORATION,

WITH AND INTO "TELEDYNE LECROY, INC." UNDER THE NAME OF "TELEDYNE LECROY, INC.", A CORPORATION ORGANIZED AND EXISTING UNDER THE LAWS OF THE STATE OF DELAWARE, AS RECEIVED AND FILED IN THIS OFFICE ON THE TWENTY-SIXTH DAY OF JUNE, A.D. 2018, AT 2:01 O'CLOCK P.M.

AND I DO HEREBY FURTHER CERTIFY THAT THE EFFECTIVE DATE OF THE AFORESAID CERTIFICATE OF MERGER IS THE FIRST DAY OF JULY, A.D. 2018.

A FILED COPY OF THIS CERTIFICATE HAS BEEN FORWARDED TO THE KENT COUNTY RECORDER OF DEEDS.



Authentication: 202969640

Date: 06-27-18

2514336 8100M SR# 20185369864

You may verify this certificate online at corp.delaware.gov/authver.shtml

PATENT REEL: 046709 FRAME: 0398 State of Delaware
Secretary of State
Division of Corporations
Delivered 02:01 PM 06/26/2018
FILED 02:01 PM 06/26/2018
SR 20185369864 - File Number 2514336

STATE OF DELAWARE CERTIFICATE OF MERGER

Pursuant to Title 8, Section 252 of the Delaware General Corporation Law, the undersigned corporation executed the following Certificate of Merger:

FIRST: The name of the surviving corporation is Teledyne LeCroy, Inc., a Delaware corporation, and the name of the corporation being merged into this surviving corporation is Teledyne Catalyst Enterprises, Inc., a California corporation.

SECOND: The Agreement and Plan of Merger has been approved, adopted, certified, executed and acknowledged by each of the constituent corporations pursuant to Title 8 Section 252 of the General Corporation Law of the State of Delaware.

THIRD: The name of the surviving corporation is Teledyne LeCroy, Inc.

FOURTH: The Amended and Restated Certificate of Incorporation of the surviving corporation shall be its Certificate of Incorporation.

FIFTH: The authorized stock and par value of the non-Delaware corporation is 100 common shares with no par value.

SIXTH: The merger is to become effective on July 1, 2018.

SEVENTH: The Agreement and Plan of Merger is on file at 1049 Camino Dos Rios, Thousand Oaks, California 91360, the place of business of the surviving corporation

EIGHTH: A copy of the Agreement and Plan of Merger will be furnished by the surviving corporation on request, without cost, to any stockholder of the constituent corporations.

IN WITNESS WHEREOF, said surviving corporation has caused this certificate to be signed by an authorized officer this 25th day of June 2018.

Teledyne LeCroy, Inc.

Melanie S. Cibik, Senior Vice President,

General Counsel, Chief Compliance Officer and

Secretary

PATENT REEL: 046709 FRAME: 0399

I haveby certify that it is foregoing framedict of page (a) is a full, it us and connect copy of the original record in the castinity of the California Secretary of State's office.

JUL 02 2018

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Date:

ALEX PACKLA, Secretary of State

PATENT REEL: 046709 FRAME: 0400

RECORDED: 08/27/2018