503763010 03/31/2016

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
EDWARD A. SMIERCIK JR.	03/30/2016
EDWARD L. MCCALL	03/30/2016

RECEIVING PARTY DATA

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State/Country:	CALIFORNIA
Postal Code:	91748

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	15086791

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ATTORNEY DOCKET NUMBER:	330P-2015-001/150593
NAME OF SUBMITTER:	ROBERT J. TOTH
SIGNATURE:	/Robert J. Toth/
DATE SIGNED:	03/31/2016

Total Attachments: 4

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> **PATENT** REEL: 038160 FRAME: 0652

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	For: ⊠ U.S. and/or ⊠ Foreign Rights For: ⊠ U.S. Application or ☐ U.S. Provisional Application For: ☐ U.S. Patent For: ☐ PCT Application By: Multiple Inventors	
Serial No.		
Filing Date:		
ASSIGNMENT OF IN	VENTION (MULTIPLE INVENTORS)	
In consideration of the payment by ASSIG receipt of which is hereby acknowledged, and	SNEE to ASSIGNOR of the sum of One Dolla for other good and valuable consideration,	ar (\$1.00), the
ASSIGNORS (Inventors):		
Edward A. Smiercik, Jr.	1604 Harvest Hill Drive Pittsburgh, PA 15239	US
(type or print name of inventors)	Address	Nationality
Edward L. McCall (type or print name of inventors)	212 Ritter Road Sewickley, PA 15143 Address	US Nationality
hereby sell, assign and transfer to ASSIGNEE:		
Teledyne Instruments, Inc. (type or print name of ASSIGNEE)	16830 Chestnut Street City of Industry, CA 91748 Address	
and the successors, assigns and legal representation the entire right, title and interest and in all foreign countries, incluing all foreign countries, in and to any and all in	ding all rights to claim priority both in the Un	
LIGHT PROJECTION AS	SSEMBLY FOR OPACITY MONITORS	
and which is found in:		
(a) 🛛 U.S. patent application execute	ed on even date herewith;	
(b) U.S. application no.:	filed on	
(c) International application no. P	°CT //	

(Assignment of Invention-page 1)

and any legal equivalent thereof in a foreign country, including the right to claim priority both in the United States and in all foreign countries and, in and to, all Letters Patent to be obtained for said invention by the above application or any continuation, division, renewal, non-provisional, or substitute thereof, and as to letters patent any reissue or re-examination thereof.

ASSIGNORS hereby covenant that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this assignment;

ASSIGNORS further covenant that ASSIGNEE will, upon its request, be provided promptly with all pertinent facts and documents relating to said invention and said Letters Patent and legal equivalents as may be known and accessible to ASSIGNOR and will testify as to the same in any interference, litigation or proceeding related thereto and will promptly execute and deliver to ASSIGNEE or its legal representatives any and all papers, instruments or affidavits required to apply for, obtain, maintain, issue and enforce said application, said invention and said Letters Patent and said equivalents thereof which may be necessary or desirable to carry out the purposes thereof.

IN WITNESS WHEREOF, We have hereunto set hand and seal on the date(s) indicated below.

Edward A. Smiercik, Jr.	Edward A Somerish	Edward Smierciak 2016.03.30 11:31:36 -06'00
(type name of Inventor)	Signature of INVENTOR	Date
Edward L. McCall		
(type name of Inventor)	Signature of INVENTOR	Date

(Assignment of Invention-page 2)

For For For By:	□ U.S. and/or □ Foreign Rights □ U.S. Application or □ U.S. Provisional Application □ U.S. Patent □ PCT Application Multiple Inventors	
Serial No.		
Filing Date:		
ASSIGNMENT OF INVENTION	ON (MULTIPLE INVENTORS)	
In consideration of the payment by ASSIGNEE to receipt of which is hereby acknowledged, and for other		
ASSIGNORS (Inventors):		
	1604 Harvest Hill Drive	
Edward A. Smiercik, Jr. (type or print name of inventors)	<u>Pittsburgh, PA 15239</u> Address	US Nationality
(type or print name of inventors)	nuuiss	renominy
, , , , , , , , , , , , , , , , , , ,	212 Ritter Road	
Edward L. McCall (type or print name of inventors)	Sewickley, PA 15143 Address	US Nationality
hereby sell, assign and transfer to		
<u>ASSIGNEE</u> :	40000 Observation Charles	
Teledyne Instruments, Inc. (type or print name of ASSIGNEE)	16830 Chestnut Street City of Industry, CA 91748 Address	KIRANCES MENGEN KIRANCES AND POLICE POLICE SERVICE SERVICES SERVIC
and the successors, assigns and legal representative	es of the ASSIGNEE	
★ the entire right, title and interest		
and in all foreign countries, including all in all foreign countries, in and to any and all improve		
LIGHT PROJECTION ASSEME	BLY FOR OPACITY MONITORS	
and which is found in:		
(a) 🗵 U.S. patent application executed on e	even date herewith;	
(b) U.S. application no.:file	d on	
(c) International application no. PCT /_filed on		чени (-1)-но чен по на меня по наменя по н

(Assignment of Invention-page 1)

PI-3896115 v1

PATENT

REEL: 038160 FRAME: 0655

and any legal equivalent thereof in a foreign country, including the right to claim priority both in the United States and in all foreign countries and, in and to, all Letters Patent to be obtained for said invention by the above application or any continuation, division, renewal, non-provisional, or substitute thereof, and as to letters patent any reissue or re-examination thereof.

ASSIGNORS hereby covenant that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this assignment;

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IN WITNESS WHEREOF, We have hereunto set hand and seal on the date(s) indicated below.

Edward A Smiercik, Jr. (type name of Inventor)	Signature of INVENTOR	Date
Edward L. McCall (type name of Inventor)	Elwest S. Ma Call Signature of INVENTOR	Mur. 30, 20/4

(Assignment of Invention-page 2)

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