

PATENT ASSIGNMENT COVER SHEET

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 Stylesheet Version v1.2

EPAS ID: PAT6852142

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
L3 TECHNOLOGIES, INC.	06/29/2019

RECEIVING PARTY DATA

Name:	L3HARRIS TECHNOLOGIES, INC.
Street Address:	1025 WEST NASA BLVD.
City:	MELBOURNE
State/Country:	FLORIDA
Postal Code:	32919

PROPERTY NUMBERS Total: 32

Property Type	Number
Patent Number:	7122788
Patent Number:	6897469
PCT Number:	US0412088
Patent Number:	7220621
Patent Number:	6777681
Application Number:	61133519
Patent Number:	8183513
Application Number:	60635272
Patent Number:	7268607
Patent Number:	6690014
PCT Number:	US2001013186
Patent Number:	7718965
Application Number:	60635398
PCT Number:	US2005043559
Patent Number:	7262412
Patent Number:	7375331
Patent Number:	8513605
PCT Number:	US2011000660
Patent Number:	9000373
Patent Number:	8227755

PATENT

Property Type	Number
PCT Number:	US2011000657
Patent Number:	8546757
Patent Number:	8610070
PCT Number:	US2011000658
PCT Number:	US2011000659
Patent Number:	6892030
PCT Number:	US0338351
Patent Number:	8765514
PCT Number:	US1101801
Application Number:	60762252
Patent Number:	8153980
Patent Number:	7655909

CORRESPONDENCE DATA

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ATTORNEY DOCKET NUMBER: 5100007

NAME OF SUBMITTER: CHRISTOPHER F. REGAN

SIGNATURE: /CHRISTOPHER F. REGAN/

DATE SIGNED: 08/06/2021

Total Attachments: 7

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ASSIGNMENT

WHEREAS, **L3 TECHNOLOGIES, INC.**, a Delaware company organized under the laws of the State of Delaware, (hereinafter referred to as **ASSIGNOR**), is the owner of all applications and patents, United States and foreign set forth on Schedule A attached hereto; and

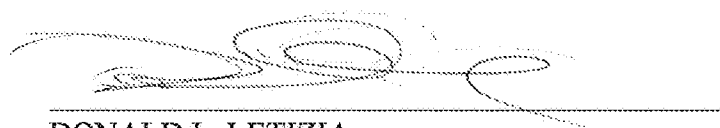
WHEREAS, **L3HARRIS TECHNOLOGIES, INC.**, a company, organized under the laws of the State of Delaware, (hereinafter referred to as **ASSIGNEE**), is desirous of acquiring the same;

NOW THEREFORE, This Indenture Witnesseth: That for good and valuable consideration, receipt whereof is hereby acknowledged, said **ASSIGNOR** does hereby sell, assign and transfer to said **ASSIGNEE**, its successors and assigns, all right, title and interest in and to said United States Patents and United States Patent Applications, the invention or inventions therein shown and described and any improvements on said inventions heretofore or hereafter made, any divisions or continuations of said patents, and all patents, United States and foreign, to be granted for the invention or inventions thereof, and any reissues, continuations or extensions of said patents; and said **ASSIGNOR** does hereby authorize and request the Commissioner of Patents to issue all patents on said United States Patent applications or for the invention or inventions hereof, in accordance with this assignment.

And said **ASSIGNOR** for said consideration hereby covenants and agrees that said **ASSIGNOR** is the owner of the full title herein conveyed and has the right to convey the same, and agrees that said **ASSIGNOR** will communicate to said **ASSIGNEE** any facts known to said **ASSIGNOR** respecting said invention or inventions, and testify in any legal proceedings when called upon by said **ASSIGNEE**, sign all lawful papers deemed by said **ASSIGNEE** as expedient to vest in it the legal title herein sought to be conveyed or for the filing and prosecution of all applications and patents, United States and foreign, and otherwise aid said **ASSIGNEE**, its successors and assigns, in obtaining full patent protection on said invention and enforcing proper protection under said patents, but in every instance at the **ASSIGNEE'S** expense.

IN WITNESS WHEREOF, I have hereunto set my hand on the date listed below.

June 29, 2019
Date


DONALD L. LETIZIA
Vice President

Schedule A

Assigned Patent Rights

Country	Title	Status	Application No	Filing Date	Patent No	Issue Date
US	ADAPTIVELY REDUCING OFFSET IN A THERMAL IMAGING CAMERA	Issued	10/961,975	10/8/2004	7122788	10/17/2006
EP	ANTI-REFLECTIVE SUB-WAVELENGTH STRUCTURES FOR SILICON WAFERS	Abandoned	4760558.9	4/19/2004	n/a	n/a
JP	ANTI-REFLECTIVE SUB-WAVELENGTH STRUCTURES FOR SILICON WAFERS	Abandoned	2006-513139	4/19/2004	n/a	n/a
US	SUB-WAVELENGTH STRUCTURES FOR REDUCTION OF REFLECTIVE PROPERTIES	Issued	10/428,745	5/2/2003	6897469	5/24/2005
WO	ANTI-REFLECTIVE SUB-WAVELENGTH STRUCTURES FOR SILICON WAFERS	Expired	PCT/US04/12088	4/19/2004	n/a	n/a
US	SUB-WAVELENGTH STRUCTURES FOR REDUCTION OF REFLECTIVE PROPERTIES	Expired	10/968,588	10/19/2004	7220621	5/22/2007
US	INFRARED DETECTOR WITH AMORPHOUS SILICON DETECTOR ELEMENTS, AND A METHOD OF MAKING IT	Issued	09/844,171	4/25/2001	6777681	8/17/2004
US	In-cell current substraton for infrared detectors	Expired	61/133,519	6/30/2008	n/a	n/a
US	IN-CELL CURRENT SUBTRACTION FOR	Issued	12/459,122	6/26/2009	8183513	5/22/2012

	INFRARED DETECTORS					
US	Non-linear integrating amplifier	Expired	60/635,272	12/10/2004	n/a	n/a
US	INTEGRATING CAPACITANCE CIRCUITRY FOR AN INTEGRATING AMPLIFIER AND RELATED METHOD	Issued	11/140,846	5/31/2005	7268607	9/11/2007
AU	Microbolometer and method for forming	Expired	2001278843	4/24/2001	2001278843	6/16/2005
JP	Microbolometer and method for forming	Unknown	2001-578916	4/24/2001		
US	MICROBOLOMETER AND METHOD FOR FORMING	Expired	09/557,748	4/25/2000	6690014	2/10/2004
WO	MICROBOLOMETER AND MANUFACTURING METHOD	Expired	PCT/US2001/013186	4/24/2001	n/a	n/a
US	MICROBOLOMETER INFRARED DETECTOR ELEMENTS AND METHODS FOR FORMING SAME	Issued	11/498,939	8/3/2006	7718965	5/18/2010
US	Optically blocked reference pixels for focal plane arrays	Expired	60/635,398	12/10/2004	n/a	n/a
WO	OPTICALLY BLOCKED REFERENCE PIXELS FOR FOCAL PLANE ARRAYS	Abandoned	PCT/US2005/043559	12/2/2005	n/a	n/a
US	OPTICALLY BLOCKED REFERENCE PIXELS FOR FOCAL PLANE ARRAYS	Issued	11/141,356	5/31/2005	7262412	8/28/2007
US	OPTICALLY BLOCKED REFERENCE PIXELS FOR FOCAL PLANE ARRAYS	Issued	11/880,554	7/23/2007	7375331	5/20/2008

DE	OPTICALLY TRANSITIONING THERMAL DETECTOR STRUCTURES	Abandoned	1.12011E+12	4/11/2011	n	n
UK	OPTICALLY TRANSITIONING THERMAL DETECTOR STRUCTURES	Issued	1219225.8	4/11/2011	2492517	12/24/2014
JP	OPTICALLY TRANSITIONING THERMAL DETECTOR STRUCTURES	Abandoned	2013-507937	4/11/2011	n/a	n/a
US	OPTICALLY TRANSITIONING THERMAL DETECTOR STRUCTURES	Issued	12/799,628	4/28/2010	8513605	8/20/2013
WO	OPTICALLY TRANSITIONING THERMAL DETECTOR STRUCTURES	Expired	PCT/US2011/000660	4/11/2011	n/a	n/a
US	OPTICALLY TRANSITIONING THERMAL DETECTOR STRUCTURES	Issued	13/930,844	6/28/2013	9000373	4/7/2015
DE	PIXEL-LEVEL OPTICALLY TRANSITIONING FILTER ELEMENTS FOR DETECTOR DEVICES	Abandoned	11 2011 101 490.2	4/11/2011	n/a	n/a
UK	PIXEL-LEVEL OPTICALLY TRANSITIONING FILTER ELEMENTS FOR DETECTOR DEVICES	Issued	1220663.7	4/11/2011	GB2494318	3/25/2014
US	PIXEL-LEVEL OPTICALLY TRANSITIONING FILTER ELEMENTS	Issued	12/799,629	4/28/2010	8227755	7/24/2012

	FOR DETECTOR DEVICES					
WO	PIXEL-LEVEL OPTICALLY TRANSITIONING FILTER ELEMENTS FOR DETECTOR DEVICES	Expired	PCT/US2011/000657	4/11/2011	n/a	n/a
DE	PIXEL STRUCTURE FOR MICROBOLOMETER DETECTOR	Abandoned	11 2011 101 492.9	4/11/2011		
UK	PIXEL STRUCTURE FOR MICROBOLOMETER DETECTOR	Issued	1219220.9	4/11/2011	2492301	3/6/2016
UK	PIXEL-LEVEL OPTICAL ELEMENTS FOR UNCOOLED INFRARED DETECTOR DEVICES	Issued	1219240.7	4/11/2011	2492920	3/9/2016
JP	PIXEL-LEVEL OPTICAL ELEMENTS FOR UNCOOLED INFRARED DETECTOR DEVICES	Issued	2013-507936	4/11/2011	5931054	6/8/2016
US	PIXEL STRUCTURE FOR MICROBOLOMETER DETECTOR	Issued	12/799,627	4/28/2010	8546757	10/1/2013
US	PIXEL-LEVEL OPTICAL ELEMENTS FOR UNCOOLED INFRARED DETECTOR DEVICES	Issued	12/799,626	4/28/2010	8610070	12/17/2013
WO	PIXEL STRUCTURE FOR MICROBOLOMETER DETECTOR	Expired	PCT/US2011/000658	4/11/2011	n/a	n/a

WO	PIXEL-LEVEL OPTICAL ELEMENTS FOR UNCOOLED INFRARED DETECTOR DEVICES	Expired	PCT/US2011/000659	4/11/2011	n/a	n/a
US	SYSTEM AND METHOD FOR EFFECTING TEMPERATURE CONTROL IN A CAMERA	Issued	10/322,129	12/17/2002	6892030	5/10/2005
WO	SYSTEM AND METHOD FOR EFFECTING TEMPERATURE CONTROL IN A CAMERA	Abandoned	PCT/US2003/38351	12/3/2003	n/a	n/a
UK	TRANSITIONED FILM GROWTH FOR CONDUCTIVE SEMICONDUCTOR MATERIALS	Issued	1307206.1	10/24/2011	2498669	7/2/2014
JP	TRANSITIONED FILM GROWTH FOR CONDUCTIVE SEMICONDUCTOR MATERIALS		2013-538702	10/24/2011	6046630	12/21/2016
US	TRANSITIONED FILM GROWTH FOR CONDUCTIVE SEMICONDUCTOR MATERIALS	Issued	12/945,011	11/12/2010	8765514	7/1/2014
WO	TRANSITIONED FILM GROWTH FOR CONDUCTIVE SEMICONDUCTOR MATERIALS	Expired	PCT/US2011/01801	10/24/2011	n/a	n/a
US	Systems and methods for integrating focal plane arrays	Expired	60/762,252	1/26/2006	n/a	n/a
US	COLOR CORRECTION FOR RADIATION DETECTORS	Issued	11/607,122	11/30/2006	8153980	4/10/2012

US	INFRARED DETECTOR ELEMENTS AND METHODS OF FORMING SAME	Issued	11/606,621	11/30/2006	7655909	2/2/2010
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