PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT5931888

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
ROGER H. RAMOTH	12/12/2019
SCOTT J. YOUNG	12/18/2019
TRAVIS L. YATES	12/20/2019

RECEIVING PARTY DATA

Name:	LOCKHEED MARTIN CORPORATION
Street Address:	6801 ROCKLEDGE DRIVE
City:	BETHESDA
State/Country:	MARYLAND
Postal Code:	20817

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	16726849

CORRESPONDENCE DATA

Fax Number: (860)286-0115

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.

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Address Line 4: HARTFORD, CONNECTICUT 06103

ATTORNEY DOCKET NUMBER:	SK-07833-US (LMS0925US)
NAME OF SUBMITTER:	ISHIR MEHTA
SIGNATURE:	/Ishir Mehta/
DATE SIGNED:	01/28/2020
	This document serves as an Oath/Declaration (37 CFR 1.63).

Total Attachments: 6 source=8G94804#page1.tif source=8G94804#page2.tif

PATENT REEL: 051637 FRAME: 0004

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PATENT REEL: 051637 FRAME: 0005 Doc Code: Oath

Document Description: Oath or declaration filed

PTG/AIA/08 (11-15)

Approved for use through 11/30/2020, OMB 0651-0032 U.S. Petent and Trademark Office; U.S. DEPARTMENT OF COMMERCE
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		NRATIC		UTILITY OR	Attorney Docket Number	SK-07825	
PATENT APPLICATION					First Named Inventor	Roger H. Ramoth	
(37 CFR 1.63)			33)	COMPLETE IF KNOWN			
7 70	a vf		Application Number				
	Declaration Submitted		Submitted	1	Declaration Submitted After Initial	Filing Date	
With Initial OR بالكنان With Initial OR Filing	id	Filing (surcharge (37 CFR 1.16(f))	Art Unit				
				required)	Examiner Name		
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FAIL-SAFE TAIL RC	110K 5YS	I EM				
	***************************************		(Title of the Invention)			
As a below named inventor,	I hereby deci	are that:				
This declaration is directed t	o:					
The attached applics	tion,					
OS						
United States Applica	tion Number	or PCT Intern.	ational application numb	190		.0000.000000
filed on						
The show than title a new order						
The above-identified applicat						
I believe I am the original inve	intor or an ori	ginal joint invi	intor of a claimed inven	tion in the a	pplication.	
i hereby acknowledge that an by fine or imprisonment of no	y willful false	stalement ma	de in this declaration is	punishable	under 18 l	J.S.C. 1001
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Customer Number: L						
Lockheed Martin Corp	oration					
Address					***************************************	
6801 Rockledge Drive						
Colly		**************************************	State		Zp	·
Bethesda			MD		20817	
Country		Telephone		Email	***************************************	
US						

[Page 1 of 2]

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This collection of information is required by 35 U.S.C. 115 and 37 CFR 1.68. The kindmation is required to obtain or relatin a benefit by the public which is to fits (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 31 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time with very depending upon the individual case. Any comments on the amount of time you require to complete this form anxive suggestions for reducing this burden, should be sent to the Chief information Officer, U.S. Patent and Tradernak Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS AUDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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DECLARATION — Utility or Design Patent Application

WARNING:

Petitioner/applicant is cautioned to avoid submitting personal information in documents filed in a patent application that may contribute to identity theft. Personal information such as social security numbers, bank account numbers, or credit card numbers (other than a check or credit card authorization form PTO-2038 submitted for payment purposes) is never required by the USPTO to support a petition or an application. If this type of personal information is included in documents submitted to the USPTO, petitioners/applicants should consider redacting such personal information from the documents before submitting them to the USPTO. Petitioner/applicant is advised that the record of a patent application is available to the public after publication of the application (unless a non-publication request in compliance with 37 CFR 1.213(a) is made in the application) or issuance of a patent. Furthermore, the record from an abandoned application may also be available to the public if the application is referenced in a published application or an issued patent (see 37 CFR 1.14). Checks and credit card authorization forms
PTO-2038 submitted for payment purposes are not retained in the application file and therefore are not publicly available.
Petitioner/applicant is advised that documents which form the record of a patent application (such as the PTO/SB/01) are piaced into the Privacy Act system of records DEPARTMENT OF COMMERCE, COMMERCE-PAT-7, System name: Patent Application Files. Documents not retained in an application file (such as the PTO-2038) are placed into the Privacy Act system of COMMERCE-PAT-TM-10, System name: Deposit Accounts and Electronic Funds Transfer Profiles.

K3×-	- 4 Kausti	Date (Option	12-12-2019
Residence: City //	State	Country	
Naugatuck	СТ	us	
Mailing Address		and the second s	***************************************
6900 Main St PO Box 9	9729		
City	State	Zip	Country
Stratford	CT	06615	US

Page 2 of 2

PATENT REEL: 051637 FRAME: 0007

Privacy Act Statement

The Privacy Act of 1974 (P.L. 93-579) requires that you be given certain information in connection with your submission of the attached form related to a patent application or patent. Accordingly, pursuant to the requirements of the Act, please be advised that: (1) the general authority for the collection of this information is 35 U.S.C. 2(b)(2); (2) furnishing of the information solicited is voluntary; and (3) the principal purpose for which the information is used by the U.S. Patent and Trademark Office is to process and/or examine your submission related to a patent application or patent. If you do not furnish the requested information, the U.S. Patent and Trademark Office may not be able to process and/or examine your submission, which may result in termination of proceedings or abandonment of the application or expiration of the patent.

The information provided by you in this form will be subject to the following routine uses:

- The information on this form will be treated confidentially to the extent allowed under the Freedom of Information Act (5 U.S.C. 552) and the Privacy Act (5 U.S.C 552a). Records from this system of records may be disclosed to the Department of Justice to determine whether disclosure of these records is required by the Freedom of Information Act.
- A record from this system of records may be disclosed, as a routine use, in the course of
 presenting evidence to a court, magistrate, or administrative tribunal, including disclosures
 to opposing counsel in the course of settlement negotiations.
- 3. A record in this system of records may be disclosed, as a routine use, to a Member of Congress submitting a request involving an individual, to whom the record pertains, when the individual has requested assistance from the Member with respect to the subject matter of the record.
- 4. A record in this system of records may be disclosed, as a routine use, to a contractor of the Agency having need for the information in order to perform a contract. Recipients of information shall be required to comply with the requirements of the Privacy Act of 1974, as amended, pursuant to 5 U.S.C. 552a(m).
- A record related to an International Application filed under the Patent Cooperation Treaty in this system of records may be disclosed, as a routine use, to the International Bureau of the World Intellectual Property Organization, pursuant to the Patent Cooperation Treaty.
- A record in this system of records may be disclosed, as a routine use, to another federal
 agency for purposes of National Security review (35 U.S.C. 181) and for review pursuant to
 the Atomic Energy Act (42 U.S.C. 218(c)).
- 7. A record from this system of records may be disclosed, as a routine use, to the Administrator, General Services, or his/her designee, during an inspection of records conducted by GSA as part of that agency's responsibility to recommend improvements in records management practices and programs, under authority of 44 U.S.C. 2904 and 2906. Such disclosure shall be made in accordance with the GSA regulations governing inspection of records for this purpose, and any other relevant (i.e., GSA or Commerce) directive. Such disclosure shall not be used to make determinations about individuals.
- 8. A record from this system of records may be disclosed, as a routine use, to the public after either publication of the application pursuant to 35 U.S.C. 122(b) or issuance of a patent pursuant to 35 U.S.C. 151. Further, a record may be disclosed, subject to the limitations of 37 CFR 1.14, as a routine use, to the public if the record was filed in an application which became abandoned or in which the proceedings were terminated and which application is referenced by either a published application, an application open to public inspection or an issued patent.
- A record from this system of records may be disclosed, as a routine use, to a Federal, State, or local law enforcement agency, if the USPTO becomes aware of a violation or potential violation of law or regulation.

PATENT REEL: 051637 FRAME: 0008 Approved for use through 01/31/2014, CMB 0851-0332

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SUPPLEMENTAL SHEET FOR	DECLARATION	ADDITIONAL	L INVENTOR(S)	1,09) 1 01 1
Legal Name of Additional Joint In				***************************************
(E.g., Given Name (first and middle (if any)) a	ind Family Name or Sur	nams)		
Scott J. Young				***************************************
Inventor's Signature 14 9			Date (Optional) 19-18-19
Milford Residence: City	CT State	Сои	US ntry	
193 Platt Lane				
Mailing Address		1000000	www.	
Milford cay	CT State		06461	Country US
Legal Name of Additional Joint Inv	rentor, if any:			
(E.g., Given Name (first and middle (if any)) at Travis L. Yates	nd Family Name or Surn	āme)		
Inventor's Signature			Date (C)gljonal)
Lakeside Residence: City	TX State		US Country	
533 Crestridge Dr Mailing Address				
_{City} Lakeside	TX State		76108 Zip	US Country
Legal Name of Additional Joint Inv	entor, if any:	77.4 (1700-re-dopped)		
(E.g., Given Name (first and middle (if any)) an	d Family Name or Sume	ame)		
Inventor's Signature			Date (C	haional)
Residence: City	State		Country	
Mailing Address			Acceptation of the control of the co	
City	State		Zip	Country

This collection of information is required by 35 U.S.C. 115 and 37 CFR 1.63. The information is required to obtain or retain a benefit by the public which is to file (and by the USFTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 21 minutes to complete, including gethering, preparing, and submitting the completed application form to the USFTO. Time will vary depending upon the inclividual cases. Any comments on the amount of time you require to complete his form and/or suggestions for reducing this burden, should be sent to the Chief Information Cificer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450, DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

if you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.

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SUPPLEMENTAL SHEET FO	OR DECLARATION	ADDITIONA Supplemental:	L INVENTOR(S) Sheet (for PTO/AIA/C	18,09) 1 0/ 1 Page 1 0/ 1		
Legal Name of Additional Joint						
(E.g., Given Name (first and middle (if any Scott J. Young	/)) and Family Name or Suma	ime)				
inventor's Signature			Date	(Optional)		
Milford Residence: City	State CT	Cou	US			
193 Platt Lane						
Milford сиу	State CT	8888889 (1. 989 97 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1	06461	Country US		
Legal Name of Additional Joint	inventor, if any:	: *************************************				
(E.g., Given Name (first and middle (if any) Travis L. Yates) and Family Name or Suman	ne)				
Inventor's Traver 19				-20-2019 Optional)		
Lakeside	TX State		US County			
533 Crestridge D	r					
_{City} Lakeside	State TX		76108	Country		
Legal Name of Additional Joint I				,		
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nventor's Egnature			Date (Opilonal)		
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PATENT REEL: 051637 FRAME: 0011

RECORDED: 01/28/2020