502622153 01/06/2014

PATENT ASSIGNMENT COVER SHEET

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EPAS ID: PAT2668762

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
MICHAEL EGAN	07/18/2013
DOUGLAS J. SOUTH	06/05/2013
JOAN M. BIENVENUE	09/04/2013

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:	13773350

CORRESPONDENCE DATA

 Fax Number:
 (703)413-2220

 Phone:
 703-413-3000

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 krouse@oblon.com

Correspondence will be sent via US Mail when the email attempt is unsuccessful.

Correspondent Name: OBLON, SPIVAK
Address Line 1: 1940 DUKE STREET

Address Line 4: ALEXANDRIA, VIRGINIA 22314

ATTORNEY DOCKET NUMBER:	411952US116X	
NAME OF SUBMITTER:	KIM ROUSE	
Signature:	/Kim Rouse/	
Date:	01/06/2014 PATENT	

502622153 REEL: 031898 FRAME: 0443

	This document serves as an Oath/Declaration (37 CFR 1.63).
Total Attachments: 6 source=411952USassignment#page1.tif source=411952USassignment#page2.tif source=411952USassignment#page3.tif source=411952USassignment#page4.tif source=411952USassignment#page5.tif source=411952USassignment#page6.tif	

PATENT REEL: 031898 FRAME: 0444 411952U\$116 411952WO

Assignment of Application

MES	WHEREAS, I (WE) Michael EGAN of Charlottesville, VA;		
ENCE.	Douglas J. SOUTH of Rockville, MD;		
TURUS:	Joan M. BIENVENUE of Fredericksburg, VA;		
		, respe	ctively,
ITLE OF DN:	have invented certain new and useful improvements in: MICROFLU	UIDIC CARTRIDGE	
	(replication its. 15/15/55	oruary 21, 2013), and
	PCT Application PCT/US13/27341 , filed Feb.	oruary 22, 2013	-
	WHEREAS, Lockheed Martin Corporation		
S OF NEE	(housing the referred to as "ASSIGNEE") having a place of busines	said invention and in and to any Letters Pal	20817 ent that
	NOW, THEREFORE, in consideration of the sum of FIVE acknowledged, and for other good and valuable consideration, I ("unto said ASSIGNEE, the full and exclusive right to the said possessions and in all foreign countries (including the right to convention and other relevant International Treaties and Arrang entire right, title and interest in and to any and all Letters Patent whits territorial possessions and in any and all foreign countries continuations, substitutions and renewals thereof.	WE), by these presents do sell, assign and invention in the United States and its to claim priority under the terms of the Intergements from the aforesaid application(s)) sich may be granted therefor in the United St	transier erritoria mationa and the ates and
•	I (WE) hereby authorize and request the Patent Office Officia and any and all foreign countries to issue any and all of said Lette assignee of my (our) entire right, title and interest in and to the sai its (his) successors and assigns, to the full end of the term for wh	ers Patent, when granted, to said ASSIGNE me, for the sold use and behoof of said ASS lich said Letters Patent may be granted, as t	ICNEE

Further, 1 (WE) agree that 1 (WE) will communicate to said ASSIGNEE or its (his) representatives any facts known to me (us) respecting said invention, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuation, substitute, renewal and reissue applications, execute all necessary assignment papers to cause any and all of said Letters Patent to be issued to said ASSIGNEE, make all rightful oaths, and, generally do everything possible to aid said ASSIGNEE, its (his) successors and assigns, to obtain and enforce proper protection for said invention in the United States and its territorial possessions and in any and all foreign countries.

The undersigned hereby grant(s) the firm of Oblon, Spivak, McClelland, Maier & Neustadt, L.L.P. of 1940 Duke Street, Alexandria, Virginia 22314 the power to insert on this assignment any further identification, including the application number and filing date, which may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for recordation of this document.

Date: 7/18/13	111117	
	(Signature of Inventor) Michael EGAN	
Date:		
	(Signature of Inventor) Douglas J. SOUTH	
Date:	(Signature of Inventor) loan M. BIENVENUE	

OBLON, SPIVAK, McCLELLAND, MAIER & NEUSTADT, L.L.P.
ATTORNEYS AT LAW
1940 DUKE STREET
ALEXANDRIA, VIRGINIA22314

411952US116 411952WO

Assignment of Application

SERT NAMES	WHEREAS, I (WE)	Michael EGAN of Cha	arlottesville, VA;			
D RESIDENCE DDKESS OF		Douglas J. SOUTH of	Rockville, MD;			
IE INVENTORS		Joan M. BIENVENUE	of Fredericksburg, \	/A;		
		 				
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					· · · · · · · · · · · · · · · · · · ·	
					, respectively	
NSEKT TITLE OF NVENTION:	have invented certa	ain new and useful impr	ovements in: MICR	OFLUIDIC CARTRIDGE		
	(Application No.	13/773,350	, filed	February 21, 2013), and	
		PCT/US13/27341	, filed	February 22, 2013		
INSERT NAME		Lockheed Martin Corp				
AND ADDRESS OF COMPANY DR OTHER ASSIGNEE	(hereinafter referred to as "ASSIGNEE") having a place of business at: 6801 Rockledge Drive, Bethesda, MD 2081 is desirous of acquiring the entire right, title and interest in and to said invention and in and to any Letters Patent that may be granted therefore in the United States and its territorial possessions and in any and all foreign countries;					
	acknowledged, an unto said ASSIG possessions and i Convention and entire right, title a its territorial pos- continuations, sub-	nd for other good and with EE, the full and excited all foreign countries other relevant International interest in and to any essessions and in any estitutions and renewals	aluable consideration clusive right to the (including the right onal Treaties and A y and all Letters Pater and all foreign couthereof.	IVE DOLLARS (\$5.00), the n. I (WE), by these presents a said invention in the United to claim priority under the trangements from the aforest which may be granted there intries and in and to any a	do sell, assign and transfed States and its territorial terms of the International aid application(s)) and the for in the United States and all divisions, reissues	
	and any and all f assignee of my (c	oreign countries to issu- our) entire right, title and irs and assigns, to the fu	e any and all of said d interest in and to the all end of the term fo	fficials in the United States as Letters Patent, when granted he same, for the sole use and ir which said Letters Patent in Assignment and sale not beer	, to said ASSIGNED as the behoof of said ASSIGNED hay be granted, as fully an	

Further, I (WE) agree that I (WE) will communicate to said ASSIGNEE or its (his) representatives any facts known to me (us) respecting said invention, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuation, substitute, renewal and reissue applications, execute all necessary assignment papers to cause any and all of said Letters Patent to be issued to said ASSIGNEE, make all rightful oaths, and, generally do everything possible to aid said ASSIGNEE, its (his) successors and assigns, to obtain and enforce proper protection for said invention in the United States and its territorial possessions and in any and all foreign countries.

The undersigned hereby grant(s) the firm of Oblon, Spivak, McClelland, Maier & Neustadt, L.L.P. of 1940 Duke Street, Alexandria, Virginia 22314 the power to insert on this assignment any further identification, including the application number and filing date, which may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for recordation of this document.

Date:			
Date:	6/5/2013	(Signature of Inventor) (Signature of Inventor)	Michael EGAN Douglas J. SOUTH
Date:			
		(Signature of Inventor)	Ioan M. BIENVENUE

OBLON, SPIVAK, McCLELLAND, MAIER & NEUSTADT, L.L.P.

ATTORNEYS AT LAW 1940 DUKE STREET ALEXANDRIA, VIRGINIA22314 411952US116 411952WO

Assignment of Application

SERT NAMES SDRESDENCE ODRESS OF	WHEREAS, I (WE) Michael EGAN of Cha Douglas J. SOUTH of			
Œ INVENTORS	Joan M. BIENVENUE	of Fredericksburg, V	/Λ;	
		A STATE OF THE PARTY OF THE PAR		
			and the summer section of the sectio	
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		COMMITTED IN CONTRACTOR OF THE		
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				, respectively,
NSERT TOUR OF NVENTION	have invented certain new and useful impro	ovements in: MICRO	OFLUIDIC CARTRIDGE	
	(Application No. 13/773,350	, filed	February 21, 2013), and
	PCT Application PCT/US13/27341	, filed	February 22, 2013	
INSERT NASSE	WHEREAS, Lockheed Martin Corpo	ration		
AND ADDRESS OF COMPANY DR COMPANY DR COMER ASSIGNED	(hereinafter referred to as "ASSIGNEE") is desirous of acquiring the entire right, tit may be granted therefore in the United Sta	le and interest in an	d to said invention and in and t	to any Letters Patent that
	NOW, THEREFORE, in considerati acknowledged, and for other good and vaunto said ASSIGNEE, the full and exe possessions and in all foreign countries Convention and other relevant Internatio entire right, title and interest in and to any its territorial possessions and in any a continuations, substitutions and renewals to	Iluable consideration lusive right to the (including the right nal Treaties and Ar and all Letters Paten and all foreign coun hereof.	of I (WE), by these presents do said invention in the United to claim priority under the terrangements from the aforesaid which may be granted therefortries and in and to any and	sell, assign and transfer States and its territorial erms of the International d application(s)) and the or in the United States and d all divisions, reissues,
	I (WE) hereby authorize and request and any and all foreign countries to issue assignee of my (our) entire right, title and its (his) successors and assigns, to the ful entirely as the same would have been held	any and all of said I interest in and to th Il end of the term fo	Letters Patent, when granted, to be same, for the sole use and be to which said Letters Patent may	choof of said ASSIGNEE, by be granted, as fully and

Further, I (WE) agree that I (WE) will communicate to said ASSIGNEE or its (his) representatives any facts known to me (us) respecting said invention, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuation, substitute, renewal and reissue applications, execute all necessary assignment papers to cause any and all of said Letters Patent to be issued to said ASSIGNEE, make all rightful oaths, and, generally do everything possible to aid said ASSIGNEE, its (his) successors and assigns, to obtain and enforce proper protection for said invention in the United States and its territorial possessions and in any and all foreign countries.

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Date:			
		(Signature of Inventor)	Michael EGAN
Date:			
		(Signature of Inventor)	Douglas J. SOUTH
Date:	September 4,2013	(Signature of Inventor)	JOAN M. BIENVENUE

OBLON, SPIVAK, McCLELLAND, MAIER & NEUSTADT, L.L.P.
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