502286351 03/26/2013

PATENT ASSIGNMENT

Electronic Version v1.1 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Fabrice Marcel Noel GARIN	03/20/2013
Romain Nicolas LUNEL	03/20/2013
Bruno Andre Jean VARIN	03/20/2013
Clement ROUSSILLE	03/20/2013

RECEIVING PARTY DATA

Name:	SNECMA		
Street Address:	2, Boulevard Du General Martial Valin		
City:	Paris		
State/Country:	France		
Postal Code:	75015		

Name:	HERAKLES
Street Address:	Rue de Touban
Internal Address:	Les Cinq Chemins
City:	Le Haillan
State/Country:	FRANCE
Postal Code:	33185

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	13520433

CORRESPONDENCE DATA

Fax Number: 7034132220

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

Phone: (703) 413-3000

Email: khudson@oblon.com

Correspondent Name: Oblon, Spivak, et al.

PATENT

REEL: 030085 FRAME: 0827

\$40.00 13520433

502286351

Address Line 1: 1940 Duke Street
Address Line 4: Alexandria, VIRGINIA 22314

ATTORNEY DOCKET NUMBER: 401040US41XPCT

NAME OF SUBMITTER: Karen L. Hudson

Total Attachments: 4
source=401040 ASN#page1.tif
source=401040 ASN#page2.tif
source=401040 ASN#page3.tif
source=401040 ASN#page4.tif

PATENT REEL: 030085 FRAME: 0828

Assignment of Application

Page I of 2

INSERT NAMES AND RESIDENCE ADDRESS OF			, Marcel, Noël ubourg, 77350 BOI	SSISE LA BERTRAND – FRANCE	
THE INVENTORS	LUNEL Romain, Nicolas 11 rue d'Eprunes, 77950 MONTEREAU SUR LE JARD – FRANCE				
	VARIN Bruno, André, Jean 43 rue de Reuilly, 75012 PARIS – FRANCE				
	ROUSSILLE Clément 7 Rue des Fauvettes, 33200 BORDEAUX - FRANCE				
					, respectively,
INSERT TITLE	have invented certain new and useful improvements in:				
OF INVENTION:					
INSERT DATE IN- VENTORS SIGNED DECLARATION:	for which an applica	tion for Letters Patent	was executed on	March 20, 2013	
	(Application No.	13/520,433	, filed	07/03/2012), and
INSERT NAME AND ADDRESS OF COMPANY OR OTHER ASSIGNEE	WHEREAS,	1/SNECMA and 2/H	ERAKLES		
	(hereinafter referred to as "ASSIGNEE") having a place of business at:				
	1/ SNECMA	éral Martial Valin – 75		***************************************	
	2/ HERAKLES Rue de Touban, Les	Cinq Chemins – 3318	5 LE HAILLAN - F	FRANCE	

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;

NOW, THEREFORE, in consideration of the sum of FIVE DOLLARS (\$5.00), the receipt whereof is hereby acknowledged, and for other good and valuable consideration, I (WE), by these presents do sell, assign and transfer unto said ASSIGNEE, the full and exclusive right to the said invention in the United States and its territorial possessions and in all foreign countries and the entire right, title and interest in and to any and all Letters Patent which may be granted therefor in the United States and its territorial possessions and in any and all foreign countries and in and to any and all divisions, reissues, continuations, substitutions and renewals thereof.

I (WE) hereby authorize and request the Patent Office Officials in the United States and its territorial possessions and any and all foreign countries to issue any and all of said Letters Patent, when granted, to said ASSIGNEE as the assignee of my (our) entire right, title and interest in and to the same, for the sole use and behoof of said ASSIGNEE, its (his) successors and assigns, to the full end of the term for which said Letters Patent may be granted, as fully and entirely as the same would have been held by me (us) had this Assignment and sale not been made.

10/01

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 Letter 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, LLP. 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:	March 20, 2013			
		(Signature of Inventor)	GARIN Fabrice, Marcel, Noël	
Date:	March 20, 2013			
		(Signature of Inventor)	LUNEL Romain, Nicolas	
Date: March 20, 2013		Jan		
		(Signature of Inventor)	VAŘÍN Bruno, André, Jean	
Date:				
	, , , , , , , , , , , , , , , , , , , ,	(Signature of Inventor)	ROUSSILLE Clément	

OBLON, SPIVAK, McCLELLAND, MAIER & NEUSTADT, L.L.P.
ATTORNEYS AT LAW
1940 DUKE STREET
ALEXANDRIA, VIRGINIA 22314
ETATS-UNIS D'AMERIQUE

PATENT REEL: 030085 FRAME: 0830

Assignment of Application

Page 1 of 2

INSERT NAMES AND RESIDENCE ADDRESS OF				SISE LA BERTRAND – FRANCE		
THE INVENTORS	LUNEL Romain, Nicolas 11 rue d'Eprunes, 77950 MONTEREAU SUR LE JARD – FRANCE					
	VARIN Bruno, André, Jean 43 rue de Reuilly, 75012 PARIS – FRANCE					
		ROUSSILLE Clémen 7 Rue des Fauvettes, 33	-	AUX - FRANCE	- Hodel	
					, respectively,	
	have invented certain new and useful improvements in:					
INSERT TITLE OF INVENTION:	LAYOUT OF A BLISK					
INSERT DATE IN- VENTORS SIGNED	for which an application for Letters Patent was executed on March 20, 2013					
DECLARATION:	(Application No.	13/520,433	, filed	07/03/2012), and	
INSERT NAME AND ADDRESS OF	WHEREAS,	1/SNECMA and 2/HERAF	KLES			
COMPANY OR OTHER ASSIGNEE	(hereinafter referred to as "ASSIGNEE") having a place of business at:					
	1/ SNECMA 2 boulevard du Gén	éral Martial Valin – 75015 P	ARIS – FRAN			
	2/ HERAKLES Rue de Touban, Les	s Cinq Chemins – 33185 LE	HAILLAN - F	RANCE		

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;

NOW, THEREFORE, in consideration of the sum of FIVE DOLLARS (\$5.00), the receipt whereof is hereby acknowledged, and for other good and valuable consideration, I (WE), by these presents do sell, assign and transfer unto said ASSIGNEE, the full and exclusive right to the said invention in the United States and its territorial possessions and in all foreign countries and the entire right, title and interest in and to any and all Letters Patent which may be granted therefor in the United States and its territorial possessions and in any and all foreign countries and in and to any and all divisions, reissues, continuations, substitutions and renewals thereof.

I (WE) hereby authorize and request the Patent Office Officials in the United States and its territorial possessions and any and all foreign countries to issue any and all of said Letters Patent, when granted, to said ASSIGNEE as the assignee of my (our) entire right, title and interest in and to the same, for the sole use and behoof of said ASSIGNEE, its (his) successors and assigns, to the full end of the term for which said Letters Patent may be granted, as fully and entirely as the same would have been held by me (us) had this Assignment and sale not been made.

10/01

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 Letter 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, LLP. 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:				
		(Signature of Inventor)	GARIN Fabrice, Marcel, Noël	_
Date:				
		(Signature of Inventor)	LUNEL Romain, Nicolas	_
Date:				
		(Signature of Inventor)	VARIN Bruno, André, Jega	-
Date:	March 20, 2013		Clare	
		(Signature of Inventor)	ROUSSILLE Clément	-

OBLON, SPIVAK, McCLELLAND, MAIER & NEUSTADT, L.L.P.
ATTORNEYS AT LAW
1940 DUKE STREET
ALEXANDRIA, VIRGINIA 22314
ETATS-UNIS D'AMERIQUE

PATENT REEL: 030085 FRAME: 0832

RECORDED: 03/26/2013