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PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Eric Dany Robert Jean ENGRAND	03/15/2013

RECEIVING PARTY DATA

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

PROPERTY NUMBERS Total: 1

Property Type	Number	
Application Number:	13882318	

CORRESPONDENCE DATA

Fax Number: 7034132220

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

Phone: (703) 413-3000

Email: Gtesfaye@oblon.com

Correspondent Name: Oblon, Spivak, et al.

Address Line 1: 1940 Duke Street

Address Line 4: Alexandria, VIRGINIA 22314

ATTORNEY DOCKET NUMBER:	415385US41PCT
NAME OF SUBMITTER:	Genet Tesfaye
Signature:	/Genet Tesfaye/
Date:	04/29/2013

Total Attachments: 2

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PATENT REEL: 030307 FRAME: 0187

Assignment of Application

Page 1 of 2

	WHEREAS, I (WE)	ENGRAND Eric, Dany	, Robert, Jean	
GERT NAMES		4 avenue du Bois 9136	0 VILLEMOISSON SUR C	RGE FRANCE
D RESIDENCE DRESS OF E INVENTORS:				, respectively,
SERT TITLE	have invented certain r	new and useful improvem	ents in Method for mad	nining a casing of an
INVENTION:			raper tool for impleme	•
	(Application No.		, filed), and
	WHEREAS, SNI	ECMA,,		
	(hereinafter referred to	as "ASSIGNEE") having	a place of business at	
	SNECMA 2 Boulevard du Généra 75015 PARIS	l Martial Valin		

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.

INSERT NAME AND ADDRESS OF COMPANY OR OTHER ASSIGNEE 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: 15/03/2013

(Signature of Inventor)

ENGRAND Eric, Dany, Róbert, Jean

OBLON, SPIVAK, McCLELLAND, MAIER & NEUSTADT, LLP.
1940 DUKE STREET
ALEXANDRIA, VIRGINIA 22314
ETATS-UNIS D'AMERIQUE

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