502078774 09/28/2012

PATENT ASSIGNMENT

Electronic Version v1.1 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Jean Berlier01/14/2009	01/14/2009

RECEIVING PARTY DATA

Name:	Etudes Et Constructions Mecaniques	
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City:	Seyssins	
State/Country:	FRANCE	
Postal Code:	38180	

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	11918805

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NAME OF SUBMITTER: Edward J. Howard

Total Attachments: 1 source=00101811#page1.tif

PATENT REEL: 029047 FRAME: 0645 ICH \$40.00 1191880

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ASSIGNMENT

In consideration of the premises and other good and valuable consideration in hand paid, the receipt and sufficiency of which is hereby acknowledged, the undersigned,

(1)	BERLIER Jean	(4)
(2)	GOLDSTEINAS Aymeric	(5)
(3)	DOUSSOT Xavier	(6)

who have made a certain new and useful invention, hereby sell, assign and transfer unto

ETUDES ET CONSTRUCTIONS MECANIQUES 46, Rue Jean Vaujany, Technisud 38180 SEYSSINS, FRANCE

its successors and assign (hereinafter designated "ASSIGNEE") the entire right, title and interest for the United States of America as defined in 35 U.S.C. 100 in the invention entitled

LOW PRESSURE CARBONITRIDING METHOD AND DEVICE

- (a) for which an application for United States Letters Patent was filed on $\frac{19~\text{APRIL}}{2006}$, and identified by United States Serial N° 11/918 805 ; or
- (b) for which an application for United States Letters Patent was executed on ______,

and the undersigned hereby authorize and request the United States Commissioner of Patents and Trademarks to issue any and all United States Letters Patent which may be granted therefor and any and all extensions, divisions, reissues, substitutes, renewals or continuations thereof, and the right to all benefits under the International Convention for the Protection of Industrial Property to the said ASSIGNEE, for its interest as ASSIGNEE, its successors, assigns and legal representatives; the undersigned agree that the attorneys of record in said application shall hereafter act on behalf of said ASSIGNEE;

AND the undersigned hereby agree to transfer a like interest, and to render all necessary assistance in making application for and obtaining original, divisional, reissued or extended Letters Patent of the United States, upon request of the said ASSIGNEE, its successors, assigns and legal representatives, and without further remuneration, in and to any improvements, and applications for patent based thereon, growing out of or related to the said invention; and to execute any papers by the said ASSIGNEE, its successors, assigns and legal representatives, deemed essential to ASSIGNEE's full protection and title in and to the invention hereby transferred.

SIGNED on the dates indicated aside our signatures:

	INVENTORS	DATE SIGNED
1)	BERLIER Jean	3 14/01/2009
2)	Name: GOLDSTEINAS Aymeric	
3)	Name: DOUSSOT Xavier	02/02/2009
4)	Name:	
	Name:	
5)	Name:	
6)	AT GENTLE F	
	Name:	

PATENT REEL: 029047 FRAME: 0646

RECORDED: 09/28/2012