

04-17-2000

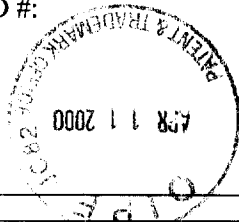


RECORDATION SHEET  
**101321069**  
**PATENTS ONLY**

4-11-00

TO: The Commissioner of Patents and Trademarks: Please record the attached original document(s) or copy(ies).

<b>Submission Type</b>	<b>Conveyance Type</b>
<input checked="" type="checkbox"/> New <input type="checkbox"/> Resubmission (Non-Recordation) - Document ID #: <input type="checkbox"/> Correction of PTO Error - Reel # Frame # <input type="checkbox"/> Corrective Document - Reel # Frame #	<input checked="" type="checkbox"/> Assignment <input type="checkbox"/> License <input type="checkbox"/> Security Agreement <input type="checkbox"/> Merger <input type="checkbox"/> Change of Name <input type="checkbox"/> Other



<b>Conveying Party(ies)</b>	Execution Date - Month/Day/Year
1. Jean-Claude Charles Michel LETOURNEUR	1. 20 March 2000

<b>Receiving Party(ies)</b>
1. Name: JOUAN Address: Rue Bobby Sands, 44800 Saint-Herblain, FRANCE

<b>Correspondent Name and Address</b>	Tel. No. 703-739-4900
Name: Douglas E. Jackson LARSON & TAYLOR, PLC • 1199 No. Fairfax St. • Suite 900 • Alexandria, VA 22314-1437	Docket No.: P06665US0/DEJ

<b>Pages:</b> Enter the total number of pages of the attached conveyance document including any attachments	# 2
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<b>Application Number(s) or Patent Number(s)</b> (DO NOT ENTER BOTH numbers for the same property)	
Patent Application Number(s) 09/516,029	Patent Number(s)
<input type="checkbox"/> This document is being filed together with a <u>new</u> patent application.	
<input type="checkbox"/> The date the patent application was signed by the first named inventor is:	
<b>Patent Cooperation Treaty (PCT)</b>	
<input type="checkbox"/> Enter Number <u>only</u> if a US Appl. No. has <u>not</u> been assigned	

<b>Number of Properties</b>	Enter the total number of properties involved	1
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<b>Fee Amount</b>	Fee Amount for Properties Listed (37 CFR 3.41)	\$40.00
Payment is <b>Enclosed</b> (Any insufficiency in fee is authorized to be charged to Deposit Account No. 12-0555)		

<b>Statement and Signature</b>
To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document. Charges to deposit are authorized, as indicated herein.
Name: Douglas E. Jackson <u>Douglas E. Jackson</u> Date: 11 April 2000

04/12/2000 MICHAEL 00000051 09516029

02 FC:501

40.00 BP

A S S I G N M E N T

WHEREAS, LETOURNEUR Jean-Claude Charles Michel

residing at 13 route Fontaine la Nue - 44380 PORNICHER France

have/has invented certain new and useful improvements in  
"Centrifuge with Ranque vortex tube cooling".

for which I/we make/have made application for Letters Patent in the  
United States of America; and

WHEREAS, JOUAN  
Rue Bobby Sands, 44800 SAINT-HERBLAIN France

is/are desirous of acquiring the entire right, title and interest in  
and to the aforesaid invention and application, executed by me/us on  
29/02/2000

and, all Letters Patent that may be obtained therefor and thereupon  
and all reissues and extensions thereof.

NOW, THEREFORE, in consideration of the sum of One Dollar  
(\$1.00) and other good and valuable consideration, the receipt and  
sufficiency of which is hereby acknowledged, I/we by these presents  
do sell, assign and transfer unto said JOUAN

its successors, legal representatives and assigns, the full and  
exclusive right, title and interest in and to the said invention and  
in and to said application for Letters Patent of the United States  
therefor, and in and to any and all United States Letters Patent and  
reissues and extensions thereof that may be issued for the said  
invention together with the right to file for and obtain patents  
throughout the world, to have and to hold for its own use and behoof  
and the use and behoof of its successors and assigns as fully and  
entirely as the same would have been held by me/us had this Assignment  
and sale not been made, and I/we hereby request the Commissioner of  
Patents to issue said Letters Patent and reissues and extensions  
thereof to said assignee as the assignee of the entire right, title  
and interest.

IN TESTIMONY WHEREOF I/We have hereunto set my/our hand  
this 20th day of March 19 2000

Inventor: J. Letourneur  
P.O. Address : LETOURNEUR Jean Claude

Inventor: \_\_\_\_\_  
P.O. Address : \_\_\_\_\_