PATENT ASSIGNMENT

Electronic Version v1.1 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Cyprien TERNEL	02/08/2011
Pierre LEDUC	02/09/2011
Alexandre DUPARCHY	02/08/2011

RECEIVING PARTY DATA

Name:	IFP Energies nouvelles
Street Address:	1-4 Avenue de Bois Preau
City:	RUEIL MALMAISON CEDEX
State/Country:	FRANCE
Postal Code:	92852

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	13020938

CORRESPONDENCE DATA

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ATTORNEY DOCKET NUMBER: 612.51402X00

NAME OF SUBMITTER: Alan E. Schiavelli

Total Attachments: 3

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PATENT REEL: 026116 FRAME: 0680

	ASSIGNMENT						ATTY. DOCKET NO .:		
herei	WHEREAS the below named in the control of the contr				v) o:	r inventors (if plural in	ventors are named below)		
	DEVICE FOR CONTROLLIN CLOSED CIRCUIT OPERAT	G A WORKIN	G FLL	ID WITH LOW F					
	for which an application for Letters	Patent to be filed	in the	United States Pater	t an	d Trademark Office wa	as executed on even date.		
				for Letters Patent February 04, 2011	Letters Patent was filed in the U.S. Patent and Trademark Office of ruary 04, 2011				
	for which an International Application	on was filed on		a	s		, designating the United States.		
	1-4 A	Energies nouv venue de Bo 2 RUEIL MA	is Pré	au JISON CEDEX	I				
ASSI and c and e term of the us ASSI count may b and o	ries for said invention and to assign be needed in connection with filing so AND ASSIGNOR authorizes an any and all divisions and continuat. The undersigned hereby grant(s fication which may be necessary o dation of this document. IN TE	tatives to have, I Letters Patent w, powers, privile atent when gran assigns and lega enjoyed the sam ess to execute al the same to said aid applications a nd requests the C ons thereof, to A) the law firm of r desirable in or	nold, ex/hich m ges and ted, inc. I repres c, if the I paper ASSIC nd secu Commis SSIGN Antoneder to	ercise, and enjoy so ay be granted there advantages in any luding any and all rentatives, in as amy assignment had no so that may be need the properties of Patents as isoner of Patents a EE, its assigns and elli, Terry, Stout, K comply with the retail of this assignment is a second of the properties	aid i for, wise enevale at becessa and lo the and loga raus ules	nvention and application including any and all a arising from or appearwals, reissues, reexaminated beneficial a manner made. The applications are all representatives and representatives are all representatives, in accept, LLP the power to institution including a property of the applications are all representatives, in accept, LLP the power to institute including a property of the applications are all representatives, in accept, LLP the power to institute and a property of the applications are all representatives and applications are all representatives and applications are all the applica	on, including any and all divisions renewals, reissues, reexaminations taining thereto, for and during the nations and extensions thereof, for r to all intents and purposes as the in the United States and foreign d to execute any other papers that Letters Patent on said application, cordance herewith. Section this assignment any further Patent and Trademark Office for		
	Cyprien TERNEL				L		08.02.2011		
202	FULL NAME OF SECOND JOINT INVENTOR PIETRE LEDUC			INVENT	OR'S	SIGNATURE	DATE		
201	FULL NAME OF SOLE OR THIRD NAMED IN Alexandre DUPARCHY	IVENTOR		INVENT	OR'S	SIGNATURE	DATE		

PATENT REEL: 026116 FRAME: 0681

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hereiı	WHEREAS the below r					r inventors (if plural in	ventors are named below)			
	DEVICE FOR CONTRO									
	for which an application for	Letters Patent to be file	d in the	United States Pat	ent ar	nd Trademark Office wa	s executed on even date.			
	for which U.S. Application Serial No 13/020.938				for Letters Patent was filed in the U.S. Patent and Trademark Office on February 04, 2011					
						•	,			
	for which an International A	pplication was filed on	,		as		, designating the United States.			
	AND WHEREAS	IFP Energies nour 1-4 Avenue de Bo 92852 RUEIL MA	is Pré		X					
inveninclude benef ASSI and count may be and or identi	tion and application, including any and all renewals, reits accruing or to accrue wit GNEE, its assigns and legal to continuations thereof, and any attensions thereof, with all the or terms of any and all such I the and benefit of ASSIGNEE GNOR might or could have he AND ASSIGNOR here ries for said invention and to be needed in connection with AND ASSIGNOR author any and all divisions and continuation of the undersigned hereby fication which may be necessation of this document.	ig any and all divisions as eissues, reexaminations in respect to the filing of representatives to have, and all Letters Patent verifies, powers, privile Letters Patent when grant and its assigns and legated and enjoyed the same by agrees to execute a passign the same to said filing said applications a corrizes and requests the continuations thereof, to A grant(s) the law firm of essary or desirable in or	and con and ext or secur hold, ex which m ges and ted, ince all repress le, if the Il paper I ASSIG and secu Commiss ASSIGN f Anton rder to	tinuations thereof, as ing of patents in tercise, and enjoy lay be granted the ladvantages in an aluding any and all sentatives, in as as a sassignment had rest that may be not some fixed as a sassignment as the sassign as a s	and in the U said refor, ywisk rene mple cot be coessed and lats the and d legs Krau rules	any and all Letters Pate and to any and all proposed in and to any and all proposed invention and application including any and all representatives and beneficial a manner and beneficial a manner to file applications legal representatives and representatives and representatives, in acceptance of the United States	t, title and interest in and to said and which may be granted therefor, iority and/or convention rights or y countries foreign thereto, SAID on, including any and all divisions renewals, reissues, reexaminations taining thereto, for and during the nations and extensions thereof, for to all intents and purposes as the in the United States and foreign d to execute any other papers that Letters Patent on said application, cordance herewith. Bert on this assignment any further Patent and Trademark Office for			
	Cyprien TERNEL									
202	FULL NAME OF SECOND JOINT IN Pierre LEDUC	VENTOR		Zulyen	VTOR'S	SIGNATURE	09 feb 2011			
201	FULL NAME OF SOLE OR THIRD I			INVE	NTOR'S	S SIGNATURE	DATE			
				1.						

PATENT REEL: 026116 FRAME: 0682

		ATTY. DOCKET NO						
here	WHEREAS the below nan inafter referred to as the ASSIGN	ned inventor (if only o NOR invented a certain	ne inventor is named b improvement relating	elow) o	or inventors (if plural in	ventors are named below)		
:	DEVICE FOR CONTROL CLOSED CIRCUIT OPE	LLING A WORKIN RATING ACCORD	G FLUID WITH LO ING TO A RANKIN	W FRI	EEZING POINT CIRC	CULATING IN A USING SAME		
	for which an application for Le	etters Patent to be filed	in the United States F	atent a	nd Trademark Office wa	as executed on even date.		
	for which U.S. Application Ser 13/020.938		for Letters Patent was filed in the U.S. Patent and Trademark Office on February 04, 2011					
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	for which an International App	lication was filed on		as		, designating the United States.		
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beneit ASSI and cand eterm the use ASSI count may I and o	ding any and all renewals, reiss fits accruing or to accrue with reference in the responsibility of the respon	sues, reexaminations a espect to the filing of resentatives to have, h id all Letters Patent we ights, powers, privileg ers Patent when grant d its assigns and legal and enjoyed the same agrees to execute all sign the same to said ing said applications ar ess and requests the Conuations thereof, to Al ant(s) the law firm of	nd extensions thereof securing of patents is old, exercise, and enjoinch may be granted the sand advantages in ed, including any and representatives, in as a papers that may be ASSIGNEE, its assign discouring Letters Patentinssioner of Patentins SIGNEE, its assigns a Antonelli, Terry, Stouer to comply with the	and in the Uy said in the Uy said in the Uy said in the interest in the intere	and to any and all printed States and/or any invention and application including any and all rearising from or appert wals, reissues, reexaminated beneficial a manner en made. Trademarks to issue a I all representatives, in accept, LLP the power to instead of the United States I	ert on this assignment any further		
:01	FULL NAME OF SOLE OR FIRST NAME			is exec	uted by ASSIGNOR.	•		
	('vnrien' 'k' N '	ED INVENTOR	INV		signature	DATE		
02	Cyprien TERNEL FULL NAME OF SECOND JOINT INVENT PIETRE LEDUC			ENTOR'S				

PATENT REEL: 026116 FRAME: 0683

RECORDED: 04/12/2011