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FORM PTO-1595 (Rev. 07/21/97)	07-13-20	04	U.S. DEP	ARTMENT OF	
B contract to the contract to			SHEET	Patent and Tra	
To the Honorable Commissioner for Paulus.	10278964	9	cuments or copy t		
1. Name of conveying party(les):		2. Name and	address of Assign	nee:	
1	C. Castle Galsworthy	Name: Infine	eum Internation:	al Limited	
3. Peter Wrench	Gaisworthy	Street Addres	s: <b>P.O. Box 1</b>		
4. Stephen Arrowsmith		City: Abingd	lon, Oxfordshire	OX13 6BB	
Additional Name(s) of conveying party(i	es) attached?	Country: <u>Uni</u>	ted Kingdom		
3. Nature of conveyance:  [ X ] Assignment	rger ange of Name	Additional na	me(s) & address(	No ~	ong
Execution Dates: August 13 & 16, Sept	tember 23 and			= =	
October 21, 2002 and June 30, 2004				A	S,
(of the Assignment)					201 201
4. Application number(s) or patent numb				SEC	57)
If this document is being filed together w application is:	rith a new applicati	on, the execution	on date of the	FN 3: 40 SECTION	TUBLIC RECORDS
A. Patent Application No.(s)		B. Pa	atent No.(s)	0	S
10/142,513					
5. Name & address of party to whom concorning documents should be mail		6. Total num	ber of application	s and patents in	nvolved:
Name: Jacob M. Levine Internal Address: Infineum USA I		7 Total fee (	37 CFR 1.41): <u>\$</u> 4	10.00	
Law Department		·			o a a a sumt
Mailing Address: P.O. Box 710		[A] Aut	norized to be char	ged to deposit	account
City: Linden State: New Jersey ZIP:	<u>07036-0710</u>	8. Deposit ac	count number: 0	<u>5-1710</u>	
	DO NOT USE	THIS SPACE			
9. Statement and signature.					
To the best of my knowledge and belief, copy of the original document.	the foregoing infor	mation is true a	and correct and an	ny attached cop	y is a true
Jacob M. Levine	aid MS	ine 3	32,509	July 7, 2	004
Name of Person Signing	Signature		tration No.	Date	
(For Internal Use Only: Job No. 813,856)					
Total number of pages including cove	er sheet and Assig	nment(s): [6	]		
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Public burden reporting for this sample cover shee including time for reviewing the document and gar					Send comments

regarding this burden estimate to the U.S. Patent and Trademark Office, Office of Information Systems, PK2-1000C, Washington, D.C. 20231, and to the Office of Management and Budget, Paperwork Reduction Project, (0651-0011), Washington, D.C. 20503.

### ASSIGNMENT INVENTOR or INVENTORS:

Christopher J. Locke	Peter Wrench		
Mark G. Stevens	Stephen Arrowsmith		
In consideration of payment to be made in a good and valuable consideration, the receipt of which herein referred to as UNDERSIGNED, hereby agree(s)	ch is hereby acknowledged, the undersign		
1) UNDERSIGNED hereby assign(s) England, its successors, legal representatives and right, title and interest, for the United States and improvement and to all patent applications and pentitled	all foreign countries, in and to UNDERS	ASSIGNEE, the entire IGNED'S invention or	
"L	ubricating Oil Composition",	1	
said application having been executed	23	ctober eptember igust 2002.	
and being further identified as Case No. 2001M	005, U.S.S.N. 10/142,513, filed May 9,		
priority created by said application under provision	ons of international conventions or treaties.		
2) UNDERSIGNED agree(s) upon the	e request of ASSIGNEE to execute any a	and all applications for	
and documents relating to obtaining patents and any continuations of such applications or substitutions.	tutes therefor or registrations thereof and	l or improvement, and	
assignments of any of the above required for reco	ording in the United States Patent and Trac	demark Office and any	
foreign patent office that ASSIGNEE may deem	necessary or expedient.	·	
3) UNDERSIGNED agree(s) that in t improvement, or patent issued thereon, or any rei	he event of any application based on said	assigned invention or	
priority of invention proceedings, UNDERSIGN	ED will cooperate with ASSIGNEE to the	becoming involved in e best of the ability of	
UNDERSIGNED in the matter of preparing and	executing all documents and giving and	producing evidence in	
support thereof.	A COLCATE DIO	11 00	
obtain United States and foreign patents covering	orm upon ASSIGNEE'S request any and ag said invention or improvement and to	vest all rights therein	
hereby conveyed to ASSIGNEE, as fully and a	s entirely as the same would have been	held and enjoyed by	
UNDERSIGNED if this assignment and sale had			
instrument the date(s) on which UNDERSIGN	te(s) ASSIGNEE's attorney to insert at ED executed the Declaration for the ab	ove-referenced patent	
application, as well as the filing date and applicati	on number thereof when known.	ovo rozozonou pulone	
IN WITNESS WHEREOF, this assignmen	nt has been executed by UNDERSIGN	ED on the date opposi	
UNDERSIGNED'S NAME.			
DATE $30^{\circ}$ June 2004	Whis land	a	
	Christopher J. Locke	(I	
1	lastell		
1	Witness	_	
DATE		/4	
	Mark G. Stevens	Inventor (I	
		_	
	Witness		
DATE	Peter Wrench	Inventor (I	
	Witness	-	
	441000		
PATE			

Stephen Arrowsmith

Witness

PATENT REEL: 015544 FRAME: 0158

Inventor

## ASSIGNMENT INVENTORS:

Christopher J. Locke	Peter Wrench	
Mark G. Stevens	Stephen Arrowsmith	
In consideration of payment to be made in a good and valuable consideration, the receipt of which herein referred to as UNDERSIGNED, hereby agree(	ch is hereby acknowledged, the undersig	and Patent Awards and other ned person(s) named above,
1) UNDERSIGNED hereby assign(s England, its successors, legal representatives and right, title and interest, for the United States and improvement and to all patent applications and entitled	all foreign countries, in and to UNDER	s ASSIGNEE, the entire SIGNED'S invention or
"L	ubricating Oil Composition",	
said application having been executed and being further identified as Case No. 2001M priority created by said application under provision 2) UNDERSIGNED agree(s) upon the and documents relating to obtaining patents and any continuations of such applications or substituted assignments of any of the above required for recomposition patent office that ASSIGNEE may deem as 3) UNDERSIGNED agree(s) that in the improvement, or patent issued thereon, or any respirative of invention proceedings, UNDERSIGNED undersigned in the matter of preparing and support thereof.  4) UNDERSIGNED agree(s) to perfect obtain United States and foreign patents covering hereby conveyed to ASSIGNEE, as fully and a UNDERSIGNED if this assignment and sale had 5) UNDERSIGNED hereby authorize instrument the date(s) on which UNDERSIGNE application, as well as the filing date and application.	on the 13, 14 & 18 day(s) of 005, U.S.S.N. 10/142,513, filed May 9, ons of international conventions or treatice request of ASSIGNEE to execute any the prosecution thereof for said inventional to the prosecution thereof for said inventional to the prosecution thereof for said inventional treations in the United States Patent and Transport of the Education for the reissue thereof the event of any application based on said assue or application for the reissue thereof the ED will cooperate with ASSIGNEE to the executing all documents and giving and said invention or improvement and to see the entirely as the same would have been not been made.  See(s) ASSIGNEE's attorney to insert at ED executed the Declaration for the alternation number thereof when known.	and all applications for on or improvement, and all applications for on or improvement, and any specific separate ademark Office and any discourage discou
IN WITNESS WHEREOF, this assignment UNDERSIGNED'S NAME.	it has been executed by UNDERSIGN	IED on the date opposite
DATE		(LS)
	Christopher J. Locke	Inventor
DATE 21 Oct - 2002	Witness Mala R	
C. Rosema	Mario Sover	Inventor (LS)
DATE She August. 2002	PCCC.	(LS)
James,	Peter Wrench	Inventor
	Witness	<del>_</del>
DATE		(LS)
	Stephen Arrowsmith	Inventor

Witness

PATENT REEL: 015544 FRAME: 0159

#### ASSIGNMENT INVENTOR or INVENTORS:

	INVENTOR or INVI	ENTORS:	
Christopher J. Locke	Pe	ter Wrench	
Mark G. Stevens	St	ephen Arrowsmith	
good and valuable cons	n of payment to be made in accordance with sideration, the receipt of which is hereby ad IDERSIGNED, hereby agree(s) as follows:	n the Policy on Invention knowledged, the unders	s and Patent Awards and other signed person(s) named above,
England, its succes right, title and inter	ERSIGNED hereby assign(s) to Infineum sors, legal representatives and assigns, hereitest, for the United States and all foreign coro all patent applications and patents covering	n referred to collectively ountries, in and to UNDI	as ASSIGNEE, the entire ERSIGNED'S invention or
and being further in priority created by	"Lubricating Oil 21 23 lication having been executed on the 13, dentified as Case No. 2001M005, U.S.S.N. said application under provisions of internation ERSIGNED agree(s) upon the request of A	14 & 18 day(s) of 10/142,513, filed May ional conventions or treat	9, 2002, and all rights of ties.
and documents rela any continuations of assignments of any foreign patent offic	agree(s) upon the request of A ting to obtaining patents and the prosecution of such applications or substitutes therefor of the above required for recording in the Use that ASSIGNEE may deem necessary or ex ERSIGNED agree(s) that in the event of ar	on thereof for said invention or registrations thereof, Juited States Patent and 'expedient.	tion or improvement, and and any specific separate Frademark Office and any
improvement, or pa priority of inventio UNDERSIGNED is support thereof.	tent issued thereon, or any reissue or applic in proceedings, UNDERSIGNED will coope in the matter of preparing and executing all	ation for the reissue then erate with ASSIGNEE to documents and giving a	eof, becoming involved in the best of the ability of and producing evidence in
obtain United State hereby conveyed to UNDERSIGNED if 5) UND instrument the date	ERSIGNED agree(s) to perform upon ASS is and foreign patents covering said invent to ASSIGNEE, as fully and as entirely as this assignment and sale had not been made ERSIGNED hereby authorize(s) ASSIGNE(s) on which UNDERSIGNED executed as the filing date and application number the	ion or improvement and the same would have be be. IEE's attorney to insert the Declaration for the	to vest all rights therein een held and enjoyed by  at paragraph 1, in this
	WHEREOF, this assignment has been of		GNED on the date opposite
DATE			(LS)
	Christ	opher J. Locke	Inventor
	Witness		<del></del>
DATE			(LS)
		G. Stevens	Inventor
	Witness		
DATE			(LS)
		Wrench	Inventor
	Witness		
DATE AVGAS		A W	

PATENT REEL: 015544 FRAME: 0160

# ASSIGNMENT INVENTORS:

Rebecca C. Castle	
Jane R. Galsworthy	
In consideration of payment to be made in accordance with the Policy on Inventions and Patent A good and valuable consideration, the receipt of which is hereby acknowledged, the undersigned person(sherein referred to as UNDERSIGNED, hereby agree(s) as follows:	
1) UNDERSIGNED hereby assign(s) to Infineum International Limited, a company inco England, its successors, legal representatives and assigns, herein referred to collectively as ASSIGNED right, title and interest, for the United States and all foreign countries, in and to UNDERSIGNED'S improvement and to all patent applications and patents covering same which is described in a patent entitled	E, the entire invention or
"Lubricating Oil Composition",  21/3 October said application having been executed on the 13, 14 & 18 day(s) of August and being further identified as Case No. 2001M005, U.S.S.N. 10/142,513, filed May 9, 2002, and priority created by said application under provisions of international conventions or treaties.  2) UNDERSIGNED agree(s) upon the request of ASSIGNEE to execute any and all appl and documents relating to obtaining patents and the prosecution thereof for said invention or improvany continuations of such applications or substitutes therefor or registrations thereof, and any speci assignments of any of the above required for recording in the United States Patent and Trademark Off foreign patent office that ASSIGNEE may deem necessary or expedient.  3) UNDERSIGNED agree(s) that in the event of any application based on said assigned i improvement, or patent issued thereon, or any reissue or application for the reissue thereof, becoming priority of invention proceedings, UNDERSIGNED will cooperate with ASSIGNEE to the best of the UNDERSIGNED in the matter of preparing and executing all documents and giving and producing support thereof.  4) UNDERSIGNED agree(s) to perform upon ASSIGNEE's request any and all affirmate obtain United States and foreign patents covering said invention or improvement and to vest all righereby conveyed to ASSIGNEE, as fully and as entirely as the same would have been held and UNDERSIGNED if this assignment and sale had not been made.  5) UNDERSIGNED hereby authorize(s) ASSIGNEE's attorney to insert at paragraph instrument the date(s) on which UNDERSIGNED executed the Declaration for the above-referent application, as well as the filing date and application number thereof when known.	all rights of lications for vement, and ific separate fice and any invention or involved in ne ability of evidence in stive acts to ghts therein enjoyed by  1, in this
IN WITNESS WHEREOF, this assignment has been executed by UNDERSIGNED on the UNDERSIGNED'S NAME.	date opposite
DATE 16 AUGUST 2002 ( . Cash,	(LS
Rebecca C. Castle  BY  BY  Witness	Inventor
DATE	(LS)
Jane R. Galsworthy	Inventor
Witness	
DATE	Inventor (LS)
	HIACHIOI
Witness	
DATE	(LS)
	Inventor

Witness

PATENT REEL: 015544 FRAME: 0161

## ASSIGNMENT INVENTOR or INVENTORS:

INVENTOR or INVENTORS:	
Rebecca C. Castle	
Jane R. Galsworthy	
In consideration of payment to be made in accordance with the Policy on Inventions and Patent Awards a good and valuable consideration, the receipt of which is hereby acknowledged, the undersigned person(s) named herein referred to as UNDERSIGNED, hereby agree(s) as follows:	
1) UNDERSIGNED hereby assign(s) to Infineum International Limited, a company incorporated England, its successors, legal representatives and assigns, herein referred to collectively as ASSIGNEE, the enright, title and interest, for the United States and all foreign countries, in and to UNDERSIGNED'S invention improvement and to all patent applications and patents covering same which is described in a patent application entitled	itire n or
"Lubricating Oil Composition",	
$rac{21}{23}$ October	for and rate any n or d in confect in by this tent
	(T. C)
DATE Rebecca C. Castle Invent	or (LS)
Witness	
DATE 23.09.02 The boothy	(LS)
Jane R Galsworthy Invento	
Witness	(I 6)
DATE	(LS)

Witness

Witness

PATENT REEL: 015544 FRAME: 0162

\_ (LS)

Inventor

**RECORDED: 07/09/2004** 

DATE