503682135 02/05/2016

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 EPAS ID: PAT3728771 Stylesheet Version v1.2

 SUBMISSION TYPE:
 NEW ASSIGNMENT

 NATURE OF CONVEYANCE:
 ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
WILLIAM BUGBEE	09/15/2012
CHARLES A. ENGH JR.	08/16/2012
JOSEPH MOSKAL	08/13/2012
MARK PAGNANO	08/16/2012
MICHAEL SWANK	09/25/2012

RECEIVING PARTY DATA

Name:	DEPUY PRODUCTS, INC.
Street Address:	700 ORTHOPAEDIC DRIVE
City:	WARSAW
State/Country:	INDIANA
Postal Code:	46581

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	14660339

CORRESPONDENCE DATA

Fax Number: (317)231-7433

Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.

Phone: 317-236-7433
Email: sswitzer@btlaw.com

Correspondent Name: BARNES & THORNBURG LLP

Address Line 1: 11 S. MERIDIAN ST.

Address Line 4: INDIANAPOLIS, INDIANA 46204

ATTORNEY DOCKET NUMBER: 265280-235055

NAME OF SUBMITTER: JEFFREY T.G. KELSEY

SIGNATURE: /Jeffrey T.G. Kelsey/

DATE SIGNED: 02/05/2016

Total Attachments: 30

source=PRO-PCT_SignedAssignment215331#page1.tif

PATENT REEL: 037703 FRAME: 0719

503682135



PROVISIONAL/PCT APPLICATION ASSIGNMENT TO BUSINESS CONCERN

ASSIGNMENT TO BUSINESS CONCERN		Attorney Docket No.: _	265280-215331
		Client Reference No.:	DEP6047WOPCT
	In consideration of the sum each of the undersigned,	of One Dollar (\$1.00) and other good	d and valuable consideration paid to
Name(s)	William BUGBEE	, Michael S'	WANK
of Inventor(s)	Andrew ENGH,		
	Joseph MOSKAL,		
	Mark PAGNANO,	and	
Check applicable boxes and enter serial number and date if available	identified as Serial No. 6	nich is the subject of a United States I 51/308,168 with a filing date o lication serial no. PCT/US2011/02589	f February 25, 2010 and/or
Title of	CUSTOMIZED PATIENT-	SPECIFIC BONE CUTTING BLOC	KS
Application	hereinafter (the "Application	n(s)")	
	the undersigned hereby selle	(s), assign(s), and set(s) over to	
Name of Assignee	DEPUY F	PRODUCTS, INC	
Address of	700 Ortho	ppaedic Drive	
principal place of business	Warsaw, J	Indiana 46581	
Insert State of Incorporation (if applicable) or	a corporation of	Indiana	

(hereinafter designated as the Assignee) their entire right, title and interest in, to and under the Application(s), including all priority rights for the United States and other countries arising therefrom, all inventions therein disclosed, and any and all Letters Patent of the United States and of all other countries, including Canada and Mexico, which may be granted for such inventions, or any of them, all such inventions and all rights in such Application(s) and Letters Patent to be held and enjoyed by Assignee for its own use and enjoyment to the full end of the term or terms for which such Letters Patent may be granted, as fully and entirely as the same would have been held and enjoyed by them had this assignment and sale not been made.

The undersigned agree(s) to execute all papers necessary in connection with the Application(s) in the United States and counterpart applications in foreign countries and any continuing, divisional, or reissue applications thereof, and any reexamination of any of such Applications, and also to execute separate assignments in connection with such Applications as the Assignee may deem necessary or expedient.

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The undersigned agree(s) to execute all papers and documents and perform any act which may be necessary in connection with claims or provisions of the International Convention for Protection of Industrial Property or similar agreements.

The undersigned agree(s) to do all other acts which, in the opinion of Assignee, may be necessary or desirable to secure the grant of Letters Patent to Assignee or its nominees, in the United States and in all other countries where Assignee may desire to have such inventions, or any of them, patented, with specifications and claims in such form as shall be approved by Assignee and to vest and confirm in Assignee or its nominees the full and complete legal and equitable title to all such Letters Patent.

The undersigned hereby authorize(s) and request(s) the Commissioner of Patents to issue any and all Letters Patent of the United States resulting or following from said Application(s) or any division or divisions or continuing or reissue applications thereof, and any reexamination of any of such applications, to the said Assignee, as Assignee of the entire interest, and hereby covenants that the undersigned has full right to convey the interest herein assigned, and that the undersigned has not executed, and will not execute, any agreement in conflict herewith.

The undersigned hereby grant(s) the attorney of record the power to insert on this assignment any further identification 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.

IN WITNES	SS WHEREOF, I have executed y of	this assignment at San Dieso
thisda	y of Seflembe	2 2012
Outside the USA:		Lill XX
Witnesses are required when acknowledgment before a Notary	Witness	Inventor (Signature) William BUGBEE
Public is not feasible.	Witness	Inventor (Printed Name)
		ACKNOWLEDGMENT
STATE OF CALA	_	
thisday	y of	within and for said County and State. Witness my hand and Notarial Sea
	OFFICIAL SEAL VANESSA V. MENDOZA NOTARY PUBLIC CALIFORNIA	Notary Public
	COMM. NO. 1981206 SAN DIEGO COUNTY NY COMM. EXP. JUNE 7, 2016	Printed Name
My Commission Exp	ires: June 9, 2016	Resident of Sm Pies County

	ESS WHEREOF, I had ay of		signment at, 2012 .	
required when acknowledgment	Witness		Inventor (Signature) Andrew ENGH	
Public is not feasible.	Witness		Inventor (Printed Name)	~~~
		ACKN	OWLEDGMENT	
STATE OF	}	SS:		
Acknowle	edged before me, a No		and for said County and State. Witness my hand and No	tarial Seal
			Notary Public	
			Printed Name	
My Commission F	xnires:		Resident of	County

IN WITNES da			signment at, <u>2012</u> .	•
Outside the USA: Witnesses are	Witness		Inventor (Signature)	
required when acknowledgment	witness		inventor (Signature)	
before a Notary				
Public is not	Witness		Inventor (Printed Na	me)
feasible.		ACKN	OWLEDGMENT	
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	}	SS:		
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			Notary Public Printed Name	
My Commission Evr	irec.		Resident of	County

Outside the Osh.			
Witnesses are required when acknowledgment	Witness		Inventor (Signature)
before a Notary			Mark PAGNANO
Public is not feasible.	Witness		Inventor (Printed Name)
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STATE OF	}	SS:	
COUNTY OF	j		
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		executed this assignment at	
Outside the USA: Witnesses are required when acknowledgment	Witness	Inventor (Signature)	
Public is not	Witness	Inventor (Printed Name)	
feasible.		ACKNOWLEDGMENT	
STATE OF COUNTY OF	}	SS:	
Acknowl		ry Public, within and for said County and State. Witness my hand and Notarial	Seal
		Notary Public	
		Printed Name	

INDS02 EZC 1156396v1

PROVISIONAL/PCT APPLICATION Α

"Not Applicable"

ASSIGNMENT TO BUSINESS CONCERN		Attorney Docket No.: _ Client Reference No.: _	265280-215331 DEP6047WOPCT
	In consideration of the sum each of the undersigned,	of One Dollar (\$1.00) and other good	d and valuable consideration paid to
Name(s) of Inventor(s)	William BUGBEE,		WANK
	Andrew-ENGH;	Charles A. Engh, Jr.	
	Joseph MOSKAL,		
	Mark PAGNANO,	and	
Check applicable boxes and enter serial number and date if available	identified as Serial No. 6	ich is the subject of a United States 1/308,168 with a filing date of ication serial no. PCT/US2011/0258	of February 25, 2010 and/or
Title of Application	CUSTOMIZED PATIENT:	SPECIFIC BONE CUTTING BLOC	:KS
rippiication	hereinafter (the "Application	n(s)")	
	the undersigned hereby sell(s), assign(s), and set(s) over to	
Name of Assignee	DEPUY P	RODUCTS, INC	
Address of	700 Ortho	paedic Drive	
principal place of business	Warsaw, I	ndiana 46581	
Insert State of Incorporation (if applicable) or	a corporation of	Indiana	

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> **PATENT** REEL: 037703 FRAME: 0727

2012.08.16

The undersigned agree(s) to do all other acts which, in the opinion of Assignee, may be necessary or desirable to secure the grant of Letters Patent to Assignee or its nominees, in the United States and in all other countries where Assignee may desire to have such inventions, or any of them, patented, with specifications and claims in such form as shall be approved by Assignee and to vest and confirm in Assignee or its nominees the full and complete legal and equitable title to all such Letters Patent.

The undersigned hereby authorize(s) and request(s) the Commissioner of Patents to issue any and all Letters Patent of the United States resulting or following from said Application(s) or any division or divisions or continuing or reissue applications thereof, and any reexamination of any of such applications, to the said Assignee, as Assignee of the entire interest, and hereby covenants that the undersigned has full right to convey the interest herein assigned, and that the undersigned has not executed, and will not execute, any agreement in conflict herewith.

The undersigned hereby grant(s) the attorney of record the power to insert on this assignment any further identification 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.

	NESS WHEREOF, I ha _day of		ssignment at, 2012	•
Outside the USA: Witnesses are required when	Witness		Inventor (Sig	gnature)
acknowledgment	Witness		William BUG Inventor (Pri	
feasible.		A CUT	· ·	med Name)
		ACK	NOWLEDGMENT	
STATE OF	}	SS:		
COUNTY OF Acknow	ledged before me, a No	otary Public, within	and for said County and State. W	itness my hand and Notarial Sea
this	_day of		· · · · · · · · · · · · · · · · · · ·	
			Notary Public	
			Printed Name	
My Commission	Expires:		Resident of	County

-2-

this WITNES	IS WHEREOF, I have executed this assignmy of <u>人人人人</u>	enf at
Outside the USA: Witnesses are required when acknowledgment before a Notary Public is not feasible.	Witness	Inventor (Signature) Andrew ENGH Charles A. Engh Sv Inventor (Printed Name)
	ACKNOWL	EDGMENT
STATE OF VIRGI	} SS:	
Acknowledg	ed before me, a Notary Public, within and fo	or said County and State. Witness my hand and Notarial Seal
		Notary Public
Marian David		SUSAN E. SENS! Printed Name
My Commission Expi	res: 4 30/4	Resident of FAREFAX County

SUSAN ELLEN SENSI NOTARY PUBLIC 7333108 COMMONWEALTH OF VIRGINIA

DEP6047WOPET PRO-PET Assignment. pdf.

	NESS WHEREOF, I ha _day of		gnment at 	•
Outside the USA Witnesses are	: Witness		Inventor (Signatu	re)
required when acknowledgment			Joseph MOSKAI	
Public is not feasible.	Witness		Inventor (Printed	
		ACKN(DWLEDGMENT	
STATE OF	}	SS:		
COUNTY OF	}			
Acknow this	ledged before me, a Not_day of	ary Public, within a	nd for said County and State. Witnes	s my hand and Notarial Seal
			Notary Public	
			Printed Name	
My Commission	Expires:		Resident of	County

-4-

	day of	1 this assignment at
Outside the USA: Witnesses are required when acknowledgment	Witness	Inventor (Signature)
		Mark PAGNANO
Public is not	Witness	Inventor (Printed Name)
feasible.		ACKNOWLEDGMENT
STATE OF COUNTY OF	} } } SS	
	edged before me, a Notary Pu day of	within and for said County and State. Witness my hand and Notarial Seal
		Notary Public
		Printed Name

-5-

Outside the USA: Witnesses are required when acknowledgment	Witness		Inventor (Signature)
before a Notary Public is not feasible.	Witness		Michael SWANK Inventor (Printed Name)
icasioic.		ACKNOW	LEDGMENT
STATE OF	}	SS:	
			for said County and State. Witness my hand and Notarial Seal
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			Printed Name

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INDS02 EZC 1156396v1

PROVISIONAL/PCT APPLICATION

ASSIGNMENT TO BU	ISINESS CONCERN	Attorncy Docket No.:	265280-215331 DEP6047WOPCT		
	In consideration of the sum each of the undersigned,	of One Dollar (\$1.00) and other good	d and valuable consideration paid to		
Name(s)	William BUGBEF	Michael S	WANK		
of Inventor(s)	Andrew ENGH.				
	Joseph MOSKAL,				
	Mark PAGNANO	, and			
Check applicable boxes and enter serial number and date if available	identified as Scrial No	nich is the subject of a United States I 51/308.168 with a filing date o lication serial no. <u>PCT/US2011/02589</u>	f February 25, 2010 and/or		
Title of Application	CUSTOMIZED PATIENT-	SPECIFIC BONE CUTTING BLOC	KS		
Application	hereinafter (the "Application(s)")				
	the undersigned hereby sell	(s), assign(s), and set(s) over to			
Name of Assignee	DEPUY F	PRODUCTS, INC			
Address of	700 Ortho	paedic Drive			
principal place of business	Warsaw.]	Indiana 46581	***		
Insert State of Incorporation (if applicable) or	a corporation of	Indiena			

(hereinafter designated as the Assignee) their entire right, title and interest in, to and under the Application(s), including all priority rights for the United States and other countries arising therefrom, all Inventions therein disclosed, and any and all Letters Patent of the United States and of all other countries, including Canada and Mexico, which may be granted for such inventions, or any of them, all such inventions and all rights in such Application(s) and Letters Patent to be held and enjoyed by Assignee for its own use and enjoyment to the full end of the term or terms for which such Letters Patent may be granted, as fully and entirely as the same would have been held and enjoyed by them had this assignment and sale not been made.

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The undersigned agree(s) to execute all papers and documents and perform any act which may be necessary in connection with claims or provisions of the International Convention for Protection of Industrial Property or similar agreements.

REEL: 037703 FRAME: 0733

The undersigned agree(s) to do all other acts which, in the opinion of Assignee, may be necessary or desirable to secure the grant of Letters Patent to Assignee or its nominees, in the United States and in all other countries where Assignee may desire to have such inventions, or any of them, patented, with specifications and claims in such form as shall be approved by Assignee and to vest and confirm in Assignee or its nominees the full and complete legal and equitable title to all such Letters Patent.

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The undersigned hereby grant(s) the attorney of record the power to insert on this assignment any further identification 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.

	NESS WHEREOF, I		assignment at, 2012	
Witnesses are required when	: Witness		Inventor (Signature)	
acknowledgment before a Notary			William BUGBEE	
Public is not feasible.	Witness		Inventor (Printed Name)	
		ACI	KNOWLEDGMENT	
STATE OF	}			
COUNTY OF	}	SS:		
			in and for said County and State. Witness my hand and Notarial S	e 8
			Notary Public	
			Printed Name	
My Commission I	Expires:		Resident ofCounty	y

REEL: 037703 FRAME: 0734

this	day of	ave executed this as	signment at	
Witnesses are required when	Witness		Inventor (Signatur	a)
acknowledgment before a Notary			Andrew ENGH	
Public is not feasible.	Witness		Inventor (Printed)	
		ACKN	OWLEDGMENT	
STATE OF	} }	SS:		
COUNTY OF	}			
Acknowle this	edged before me, a No day of	ntary Public, within	and for said County and State. Witness	my hand and Notarial Sea
			Notary Public	
			Printed Name	
My Commission E	xpires;		Resident of	County

IN WITNESS WHEREOF, I have exceethisday of	uted this assignment at
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Witnesses are Witness	Inventor (Signature)
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3	ACKNOWLEDGMENT
STATE OF Chiquia SS:	
COUNTY OF TOBUSKE;	
	olic, within and for said County and State. Witness my hand and Notarial Scal
this day of	
,	Notary Public
	BILLIE D. HALL Printed Name
My Commission Expires: 1/31/20/	4 Resident of Roano Ke County
	AND DE D. T.
	PUBLIC REG # 186856 MY COMMISSION EXPIRES 1/31/2014
	AND THE OF WALLES

this de	SS WHEREOF, I have of	ave executed this as	signment at, 2012	
Outside the USA: Witnesses are required when acknowledgment before a Notary	Witness	4		Inventor (Signature) Mark PAGNANO
Public is not feasible.	Witness			Inventor (Printed Name)
icasibic.		ACKN	OWLEDGME	NT
STATE OF	}	**		
COUNTY OF	}			
Acknowledge thisda	ged before me, a No y of	tary Public, within a	and for said Co	ounty and State. Witness my hand and Notarial Sea
			No	tary Public
			Pri	nted Name

this da	SS WHEREOF, I has	eve executed this as	signment at
Outside the USA: Witnesses are required when acknowledgment before a Notary	Witness		Inventor (Signature)
Public is not feasible.	Witness		Michael SWANK Inventor (Printed Name)
		AÇKN	OWLEDGMENT
STATE OF	} }	SS:	
Acknowleds	ged before me, a No y of	tary Public, within	and for said County and State. Witness my hand and Notarial Sea
			Notary Public
			Printed Name

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PROVISIONAL/PCT APPLICATION ASSIGNMENT TO BUSINESS CONCERN

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	In consideration of the sum each of the undersigned,	of One Dollar (\$1.00) and other goo	d and valuable consideration paid to
Name(s) of Inventor(s)	William BUGBEE.	Michael S	WANK
(4)	Andrew ENGH,		
	Joseph MOSKAL,		
	Mark PAGNANO,	and	
Check applicable boxes and enter serial number and date if available	identified as Serial No. 6	ich is the subject of a United States 1/308,168 with a filing date of ication serial no. PCT/US2011/02589	of February 25, 2010 and/or
Title of Application	CUSTOMIZED PATIENT-S	SPECIFIC BONE CUTTING BLOC	EKS
Application	hereinafter (the "Application	n(s)")	
	the undersigned hereby sell(s	s), assign(s), and set(s) over to	
Name of Assignee	DEPUY P	RODUCTS, INC	
Address of	700 Ortho	paedic Drive	
principal place of business	Warsaw, I	ndiana 46581	
Insert State of Incorporation	a corporation of	Indiana	

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	NESS WHEREOF, I ha _day of		ignment at, 2012
Witnesses are required when	: Witness		Inventor (Signature)
acknowledgment before a Notary Public is not feasible.	Witness		William BUGBEEInventor (Printed Name)
		ACKNO	OWLEDGMENT
STATE OF	}	SS:	
	} /ledged before me, a No _day of		and for said County and State. Witness my hand and Notarial Sea
			Notary Public
			Printed Name
My Commission	Expires:		Resident ofCounty

IN WITNES	SS WHEREOF, I ha y of	ve executed this as	signment at, <u>2012</u> .	• · · · · · · · · · · · · · · · · · · ·
Outside the USA:				
Witnesses are required when acknowledgment	Witness		Inventor (Signature)
before a Notary				
Public is not feasible.	Witness		Inventor (Printed N	lame)
		ACKN	OWLEDGMENT	
STATE OF	}			
	}	SS:		
COUNTY OF)			
Acknowledg thisda			and for said County and State. Witness	my hand and Notarial Sea
			Notary Public	
			Printed Name	
My Commission Exp	ires:		Resident of	County

IN WITNE this da			ignment at, 2012	* ***********************************
Outside the USA: _				
Witnesses are required when acknowledgment	Witness		Inventor (Signature)	
before a Notary			Joseph MOSKAL	
before a Notary Public is not feasible.	Witness		Inventor (Printed Nat	
		ACKNO	OWLEDGMENT	
STATE OF	}	SS:		
COUNTY OF	}			
Acknowled thisda	ged before me, a No	otary Public, within a	and for said County and State. Witness m	y hand and Notarial Seal
			Notary Public	
			Printed Name	
My Commission Fx	nires:		Resident of	County

	ay of AUGUST	ed this assignment at Rochestin MN MW fahruus
Outside the USA: _ Witnesses are required when acknowledgment	Witness	Inventor (Signature)
before a Notary		Mark PAGNANO
Public is not feasible.	Witness	Inventor (Printed Name)
STATE OF COUNTY OF	} } SS:	GAIL A. SCHMIDT Notary Public-Minnesota My Commission Expires Jan 31, 2015
Acknowled		c, within and for said County and State. Witness my hand and Notarial Seal
		Soul a Schmedt
		Gail A. Schmitt Printed Name

			ment at
Witnesses are required when acknowledgment	Witness		Inventor (Signature)
			Michael SWANK
Public is not feasible.	Witness		Inventor (Printed Name)
reasione.		ACKNOW	LEDGMENT
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COUNTY OF	}	SS:	
Acknowled	lged before me, a No	otary Public, within and	for said County and State. Witness my hand and Notarial Sea
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			Notary Public
			Printed Name

INDS02 EZC 1156396v1

(if applicable) or

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	In consideration of the sum of the undersigned,	f One Dollar (\$1.00) and other goo	d and valuable consideration paid			
Name(s) of Inventor(s)	William BUGBEE.	Michael S	WANK			
	Andrew ENGH.					
	Ioseph MOSKAL,					
	Mark PAGNANO, a	and .	W N			
Check applicable boxes and enter serial number and date if available	maker(s) of an invention which is the subject of a United States Provisional Patent Application identified as Serial No. 61/308,168 with a filing date of February 25, 2010 and/or a PCT international Application serial no. PCT/US2011/025892, filed February 23, 2011, entitled					
Title of Application	CUSTOMIZED PATIENT-S	PECIFIC BONE CUTTING BLOC	CKS			
Аррисанов	hereinaster (the "Application(s)")					
	the undersigned hereby sell(s), assign(s), and set(s) over to				
Name of Assignee	DEPUY PR	ODUCTS, INC	<u> </u>			
Address of	700 Orthopacdic Drive					
principal place of business	Warsaw, Indiana 46581					
Insert State of	a corporation of	Indiana				

"Not Applicable"
(hereinafter designated as the Assignee) their entire right, title and interest in, to and under the Application(s), including all priority rights for the United States and other countries arising therefrom, all inventions therein disclosed, and any and all Letters Patent of the United States and of all other countries, including Canada and Mexico, which may be granted for such inventions, or any of them, all such inventions and all rights in such Application(s) and Letters Patent to be held and enjoyed by Assignee for its own use and enjoyment to the full end of the term or terms for which such Letters Patent may be granted, as fully and entirely as the same would have been held and enjoyed by them had this assignment and sale not been made.

The undersigned agree(s) to execute all papers necessary in connection with the Application(s) in the United States and counterpart applications in foreign countries and any continuing, divisional, or reissue applications thereof, and any reexamination of any of such Applications, and also to execute separate assignments in connection with such Applications as the Assignee may deem necessary or expedient.

The undersigned agree(s) to execute all papers necessary in connection with any interference which may be declared or litigation concerning the Application(s), U.S. national counterparts thereof, or continuation(s), division(s), reissue(s), reexamination(s) thereof, and to cooperate with the Assignce in every way possible in obtaining evidence and going forward with such interference or litigation.

The undersigned agree(s) to execute all papers and documents and perform any act which may be necessary in connection with claims or provisions of the International Convention for Protection of Industrial Property or similar agreements.

The undersigned agree(s) to do all other acts which, in the opinion of Assignee, may be necessary or desirable to secure the grant of Letters Patent to Assignee or its nominees, in the United States and in all other countries where Assignee may desire to have such inventions, or any of them, patented, with specifications and claims in such form as shall be approved by Assignee and to vest and confirm in Assignee or its nominees the full and complete legal and equitable title to all such Letters Patent.

The undersigned hereby authorize(s) and request(s) the Commissioner of Patents to Issue any and all Letters Patent of the United States resulting or following from sald Application(s) or any division or divisions or continuing or reissue applications thereof, and any reexamination of any of such applications, to the said Assignee, as Assignee of the entire interest, and hereby covenants that the undersigned has full right to convey the interest herein assigned, and that the undersigned has not executed, and will not execute, any agreement in conflict herewith.

The undersigned hereby grant(s) the attorney of record the power to insert on this assignment any further identification 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.

	day of		3 assignment at	_
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acknowledgment before a Notary Public is not feasible.	Witness		William BUGBER Inventor (Printed Name)	_
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Outside the USA: Witnesses are required when	Witness		Inventor (Signature)
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