506334509 11/02/2020

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT6381260

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
MARTIN ARBELBIDE	03/06/2020
DENNIS JAMES DOLAN	03/12/2020
MARTIN A FABRIZIUS	03/19/2020
GUSTAVO MARCELO GARCIA	03/10/2020
LORI KARYN SCOTT	03/12/2020
MATTHEW DAVID WALCH	03/10/2020

RECEIVING PARTY DATA

Name:	PIONEER HI-BRED INTERNATIONAL, INC.
Street Address:	7100 NW 62ND AVENUE
Internal Address:	PO BOX 1014
City:	JOHNSTON
State/Country:	IOWA
Postal Code:	50131-1014

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	17076969

CORRESPONDENCE DATA

Fax Number: (515)535-6883

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: 515-535-5859

Email: IPSUPPORT@CORTEVA.COM

Correspondent Name: PIONEER HI-BRED INTERNATIONAL, INC.

Address Line 1: 7250 NW 62ND AVENUE

Address Line 2: PO BOX 552

Address Line 4: JOHNSTON, IOWA 50131-0552

ATTORNEY DOCKET NUMBER:	8344-US-NP
NAME OF SUBMITTER:	LYNDA FITZPATRICK
SIGNATURE:	/lmfitzpatrick/
DATE SIGNED:	11/02/2020

Total Attachments: 6source=8344-US-NP_X90P482_ExecutedAssignments#page1.tif source=8344-US-NP_X90P482_ExecutedAssignments#page2.tif source=8344-US-NP_X90P482_ExecutedAssignments#page3.tif

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WORLDWIDE ASSIGNMENT

I, the undersigned <u>MARTIN ARBELBIDE</u> , her subject matter of which is described in the ap		invention entitled MAIZE HYBRID X90P482 the			
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Kerry and a second a second and		853			
United States Of America	Patent Application Serial No.	med ou			
	filed on	(t) 3			
which claim(s) its earliest priority to Applic	ation Serial No.	filed on nowledged, and in fulfillment of my pre-existing			
		nowledged, and in fulfillment of my pre-existing			
obligation of assignment to assignee, which i		on organized and existing under the laws of the			
	ca and having its principal place of bush	ness at 7100 NW 62 nd Avenue, P.O. Box 1014,			
		for Letters Patent ("Patent"), (2) any priority			
		onal Convention for the Protection of Industrial			
		intellectual property for any and all member			
		g rights in any and all provisional applications,			
		application(s) for Patent, and/or related to or			
		applications for Patent for any such inventions wal, substitute, continuation, continuations-in-			
		aforesaid application(s) for Patent and/or such			
		er, including any and all reexams, reissues and			
) for Letters Patent and/or such inventions; (B)			
		applications under the aforesaid International			
Convention or any other treaty or understa	nding, (3) have said patents granted in it	ts name or mine, the Commissioner of Patents			
and Trademarks of the United States of Ame	erica and any counterpart in any other pa	stent office being hereby authorized to issue or			
		said patents and to sue for and recover profits			
		, to the full end of the term or terms for which			
	ntirely as the same would have been hel	d and enjoyed by the undersigned without this			
assignment;	South an agent and the total of the South and				
		pense for actual and reasonable costs incurred,			
		tatives, any facts known to me respecting such			
Inventions or the rights described above, (B) to testify in any legal proceeding respecting such inventions or the rights described					
	above, the location of that testimony to be in the country in which I reside or in the nearest country in which such testimony is legal should my country of residence prohibit such testimony, (C) to execute all applications, papers or instruments necessary or required				
		ffect any of the provisions of this instrument,			
		idavits in form and substance which may be			
requested by said assignee and (D) generally to do everything possible to aid said assignee, its successors, assigns, and legal					
representatives to obtain, maintain, defend	and enforce patent protection for such li	enventions and/or secure title to such inventions			
with assignee;					
III. Represent, warrant and covenant that I	have the full right and lawful authority to	make this assignment, that such assigned right			
is not pre-dated by any grant, license, or oth	er right heretofore given by me to any pa	irty other than the assignee hereto;			
IV. Agree that my grants and obligations he	rein shall also bind all of my heirs, execu	itors, administrators, legal representatives, and			
assigns; and	on at maximum to translation making the r	and a second of the second of			
V. Agree that an authorized representative of assignee is hereby granted the power to insert in this assignment any further identification which may be necessary or desirable to comply with the rules of the U.S. Patent and Trademark Office or the patent					
office of any other country for recordation of this Assignment, including the power to insert on this assignment information					
regarding application number and filing date		wer to meet on the dangiment intermedial			
·		ted by my hand and agree that this Worldwide			
Assignment shall be effective as of the earliest priority date for the aforesaid application(s) for Letters Patent.					
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MARTIN ARBELBIDE	<u> </u>				
Name of Inventor 1	Signature of Inventor	Daté			

WORLDWIDE ASSIGNMENT			
I, the undersigned DENNIS JAMES DOLAN, he	reby declare that I am an inventor of a	n Invention entitled MAIZE HYBRID X90P482	the
subject matter of which is described in the application for patent (Attorney Docket No: 8344-US-NP_)			
■ declaration executed on <u>3//</u>	2/20	en :)	
		, filed on	
PCT Application Serial No.	filed on	m	
which claim(s) its earliest priority to Applica	tion Serial No.	, filed on, filed on, nowledged, and in fulfiliment of my pre-exis	مرابع کیا۔ مرابع کیا۔
For valuable consideration, the receip	pt and adequacy of which is hereby ack	nowledged, and in runniment or my pre-exis	ะเหร
obligation of assignment to assignee, which is I. Sell, assign, and transfer unto PIONEER HI-E	nereby acknowledged, i nereby: leen MitepMATIONAL IMC a cornorati	ion organized and existing under the laws of	the
State of Iowa In the United States of Americ	a and haidne its principal place of bus	iness at 7100 NW 62 nd Avenue, P.O. Box 10	014.
Johnston, Iowa 50131-1014, herein referred to	o as the assignee, and to assignee's suc	cessors and assigns,	
(A) the entire right, title, and interest in	and to: (1) the aforesaid application(s	i) for Letters Patent ("Patent"), (2) any pric	arity
rights derived from such aforesald application	n(s) for Patent by virtue of the Internat	ional Convention for the Protection of Indus	trial
Property ("International Convention") and a	my other treaty or understanding for	intellectual property for any and all mem	iber
countries of the International Convention or	other treaty or understanding, includi	ng rights in any and all provisional application	ons,
(3) any and all of my inventions, whether jo	oint or sole, disclosed in such aforesaid	d application(s) for Fatent, and/or related to	Q QF
arising out of such aforesaid application(s) for in any country whatsoever, including all prov	r Patent ("inventions"), (4) any and a	and enhances or recent for any such invent	ealoa
part, international and convention application	ns based in whole or in nort tions such	aforesald application(s) for Patent and/or s	such
inventions, (5) any and all patents for any st	uch Inventions in any country whatsoe	ver, including any and all reexams, reissues	and
extensions of any patent based in whole or in	part upon such aforesaid application(s) for Letters Patent and/or such inventions;	(B)
the entire right to (1) file such applications i	n its name or in my name, (2) file suc	h applications under the aforesaid Internation	lano
Convention or any other treaty or understan	iding, (3) have said patents granted in	Its name or mine, the Commissioner of Pat-	ents
and Trademarks of the United States of Amer	rica and any counterpart in any other p	patent office being hereby authorized to Issu	e or
transfer all of said patents to said assignee in	accordance herewith, and (4) enforce	s said patents and to sue for and recover pro	OHES dalah
and damages for any and all infringements the said patents may be granted, as fully and en-	hereot, whether past, present or future	s, to the full end of the term of terms for w lit and animod by the understaned without	thic
assignment;	mely as the same would have been he	in and enjoyed by the enteringned sounder	21.114
II. Agree, whenever assignee asks, without fu	orther compensation but at assignee's e	xpense for actual and reasonable costs incur	red,
(A) to communicate to said assignee, its	successors, assigns, and legal represen	ntatives, any facts known to me respecting :	such
Inventions or the rights described above, (B) to testify in any legal proceeding res	pecting such inventions or the rights descri	lbed
above, the location of that testimony to be in	i the country in which I reside or in the	nearest country in which such testimony is I	legal
should my country of residence prohibit such	testimony, (C) to execute all application	ins, papers or instruments necessary or requ	iired
by said assignee, its successors, assigns and legal representatives, to carry into effect any of the provisions of this instrument, including petitions, specifications, paths, assignments, disclaimers, and lawful affidavits in form and substance which may be			
requested by said assignee and (D) general	isignments, disclaimers, and lawful at	tidayits in form and substance which may	lanal
representatives to obtain, maintain, defend a	my to do everything possible to the turn and anforce ratent next action for such	Inventions and/or secure title to such invent	ions
with assignee;	men antenna paratit production in white	The state of the s	.,
III. Represent, warrant and covenant that I h	ave the full right and lawful authority t	o make this assignment, that such assigned i	right
Is not pre-dated by any grant, license, or other	er right heretofore given by me to any p	erty other than the assignee hereto;	
IV. Agree that my grants and obligations her	rein shall also bind all of my heirs, exec	utors, administrators, legal representatives,	and
assigns; and		or North Add and San and San and San and San and San	.65
V. Agree that an authorized representative	e of assignee is hereby granted the	power to insert in this assignment any fur	tner
identification which may be necessary or de- office of any other country for recordation			
regarding application number and filing date		the property of the professional professiona	32(33)(
In Witness Whereof, I have executed this W		sted by my hand and soree that this World	wide
Assignment shall be effective as of the earlies			
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		7/1/2	
DENNIS JAMES DOLAN		3/15/20	
Name of Inventor 2	Signature of Inventor	Date	

PATENT REEL: 054247 FRAME: 0725

WORLDWIDE ASSIGNMENT

I, the undersigned MARTIN A FABRIZIUS, hereby declare that I am an inventor of an invention entitled MAIZE HYBRID X90P482 the				
subject matter of which is described in the application	on for patent (Attorney	Docket No: <u>8344-US</u> -	NP)	
\boxtimes declaration executed on $3/19/2$	20			
6333	Application Serial No.		filed on	······································
PCT Application Serial No.	filed on		*********	
which claim(s) its earliest priority to Application Se		~	, filed on	
For valuable consideration, the receipt and	adequacy of which is he	ereby acknowledged,	and in fulfillment of my	pre-existing
obligation of assignment to assignee, which is hereby				
I. Sell, assign, and transfer unto PIONEER HI-BRED IN				
State of lowa in the United States of America and				. Box 1014,
Johnston, Iowa 50131-1014, herein referred to as the				
(A) the entire right, title, and interest in and to				
rights derived from such aforesaid application(s) for				
Property ("International Convention") and any oth countries of the International Convention or other				
(3) any and all of my inventions, whether joint or				
arising out of such aforesaid application(s) for Paten				
in any country whatsoever, including all provisional,				
part, international and convention applications base			7.	
inventions, (5) any and all patents for any such inv				
extensions of any patent based in whole or in part (
the entire right to (1) file such applications in its na				
Convention or any other treaty or understanding, (
and Trademarks of the United States of America and				
transfer all of said patents to said assignee in accord				
and damages for any and all infringements thereof,				
said patents may be granted, as fully and entirely a assignment;	s the same would have	peen neid and enjoy	ea by the undersigned v	without this
II. Agree, whenever assignee asks, without further c	amazaratina hut at are	lanasie avnance far n	or aldenoses bee leves	ete Industrad
(A) to communicate to said assignee, its succes				
Inventions or the rights described above, (8) to tes				
above, the location of that testimony to be in the co				
should my country of residence prohibit such testim				
by said assignee, its successors, assigns and legal				
including petitions, specifications, oaths, assignment	nts, disclaimers, and I	awful affidavits in f	orm and substance wh	ich may be
requested by said assignee and (D) generally to o				
representatives to obtain, maintain, defend and enfo	orce patent protection (for such Inventions a	nd/or secure title to such	n Inventions
with assignee;				
III. Represent, warrant and covenant that I have the				signed right
is not pre-dated by any grant, license, or other right				
IV. Agree that my grants and obligations herein sha	il aiso bing all of my he	ers, executors, admir	astrators, legal represen	tatives, and
assigns; and V. Agrae that an authorized correcantable of an	olonga is barabic accept	ad the name to be	and the state manifestation in	main Ermitian
V. Agree that an authorized representative of assignee is hereby granted the power to insert in this assignment any further identification which may be necessary or desirable to comply with the rules of the U.S. Patent and Trademark Office or the patent				
office of any other country for recordation of this Assignment, including the power to insert on this assignment information				
regarding application number and filing date when k	nown.	O since beatings: so him	win and artists and all the control of	
In Witness Whereof, I have executed this Worldwic		ate indicated by my	hand and agree that this	Warldwide
Assignment shall be effective as of the earliest priorit				*** 0.100
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	2110	7) · *	lal	
MARTIN A FABRIZIUS	ZZhAH M	Kan	3/19/20	
Name of Inventor 3	Signature of Inventor	J	Date	

	WORLDWIDE ASSIGNMENT		
i, the undersigned GUSTAVO MARCELO GARCIA			
X90P482 the subject matter of which is described	in the application for patent (Atto	rney Docket No: 8344-US-NP	}
,	10 _B , 5050		
United States Of America Pate	ent Application Serial No.	, filed on	*
PCT Application Serial No.	filed on		
which claim(s) its earliest priority to Application	Serial No.	, filed on	,
For valuable consideration, the receipt as	nd adequacy of which is hereby ac	knowledged, and in fulfillment	of my pre-existing
obligation of assignment to assignee, which is her	eby acknowledged, I hereby:		
I. Sell, assign, and transfer unto PIONEER HI-BRED	INTERNATIONAL, INC., a corporat	tion organized and existing un	der the laws of the
State of lowe in the United States of America ar	id having its principal place of bu	siness at 7100 NW 62nd Aven	ue, P.O. Box 1014,
Johnston, Iowa 50131-1014, herein referred to as	the assignee, and to assignee's su	ccessors and assigns,	
(A) the entire right, title, and interest in and	I to: (1) the aforesaid application(s) for Letters Patent ("Patent	"), (2) any priority
rights derived from such aforesaid application(s) if	for Patent by virtue of the Interna-	tional Convention for the Prot	ection of Industrial
Property ("International Convention") and any of	other treaty or understanding fo	r intellectual property for an	y and all member
countries of the International Convention or other	er treaty or understanding, includ	ing rights in any and all provi-	sional applications,
(3) any and all of my inventions, whether joint :	or sole, disclosed in such aforesal	id application(s) for Patent, ar	nd/or related to or
arising out of such aforesaid application(s) for Pat			
in any country whatsoever, including all provision	ial, non-provisional, divisional, rer	newal, substitute, continuation	i, continuations-in-
part, international and convention applications be	ased in whole or in part upon sucl	h aforesaid application(s) for I	atent and/or such
Inventions, (5) any and all patents for any such I	nventions in any country whatsoe	ever, including any and all ree	xams, reissues and
extensions of any patent based in whole or in par	t upon such aforesald applications	(s) for Letters Patent and/or si	uch inventions; (8)
the entire right to (1) file such applications in its	name or in my name, (2) file suc	h applications under the afor	esaid International
Convention or any other treaty or understanding	, (3) have said patents granted in	its name or mine, the Comm	issioner of Patents
and Trademarks of the United States of America a	and any counterpart in any other p	patent office being hereby aut	horized to issue or
transfer all of said patents to said assignee in acc	ordance herewith, and (4) enforc	e said patents and to sue for	and recover profits
and damages for any and all infringements thereo			
said patents may be granted, as fully and entirely	r as the same would have been he	eld and enjoyed by the unders	igned without this
assignment;			
II. Agree, whenever assignee asks, without furthe	r compensation but at assignee's e	expense for actual and reasons	ible costs incurred,
(A) to communicate to said assignee, its succ			
Inventions or the rights described above, (B) to			
above, the location of that testimony to be in the			
should my country of residence prohibit such test			
by said assignee, its successors, assigns and leg-			
including petitions, specifications, paths, assigni			
requested by said assignee and (D) generally to			
representatives to obtain, maintain, defend and e	nforce patent protection for such	Inventions and/or secure title	to such inventions
with assignee;			
lil. Represent, warrant and covenant that I have t	he full right and lawful authority t	to make this assignment, that	such assigned right
is not pre-dated by any grant, license, or other rigi	nt heretofore given by me to any p	party other than the assignee h	iereto;
 Agree that my grants and obligations herein s 	hall also bind all of my heirs, exec	autors, administrators, legal re	presentatives, and
assigns; and			
V. Agree that an authorized representative of	assignee is hereby granted the	power to insert in this assign	iment any further
identification which may be necessary or desirabl	e to comply with the rules of the	U.S. Patent and Trademark O	ffice or the patent
office of any other country for recordation of		ower to insert on this assign	ment information
regarding application number and filing date wher	i known.		
In Witness Whercof, I have executed this Worldv	vide Assignment on the date indic	cated by my hand and agree ti	nat this Worldwide
Assignment shall be effective as of the earliest price			and the second of the second o
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	1120	Q.)
GUSTAVO MARCELO GARCIA	-wowland	MARCH 10 E	- 202 i
Name of Inventor 4	Signature of Inventor	Date	aina ,
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PATENT REEL: 054247 FRAME: 0727

WORLDWIDE ASSIGNMENT				
I, the undersigned LORI KARYN SCOTT, hereby declare that I am an inventor of an invention entitled MAIZE HYBRID X90P482 the				
subject matter of which is described in the application for patent (Attorney Docket No: 8344-US-NP)				
\boxtimes declaration executed on $3/i3/2020$				
United States Of America Patent Application Serial No, filed on				
PCT Application Serial No. filed on				
which claim(s) its earliest priority to Application Serial No. , filed on				
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obligation of assignment to assignee, which is hereby acknowledged, I hereby:				
I. Sell, assign, and transfer unto PIONEER HI-BRED INTERNATIONAL, INC., a corporation organized and existing under the laws of the				
State of lowa in the United States of America and having its principal place of business at 7100 NW 6216 Avenue, P.O. Box 1014,				
Johnston, Jowa 50131-1014, herein referred to as the assignee, and to assignee's successors and assigns,				
(A) the entire right, title, and interest in and to: (1) the aforesaid application(s) for Letters Patent ("Patent"), (2) any priority				
rights derived from such aforesaid application(s) for Patent by virtue of the International Convention for the Protection of Industrial				
Property ("International Convention") and any other treaty or understanding for intellectual property for any and all member				
countries of the International Convention or other treaty or understanding, including rights in any and all provisional applications,				
(3) any and all of my inventions, whether joint or sole, disclosed in such aforesaid application(s) for Patent, and/or related to or				
arising out of such aforesaid application(s) for Patent ("Inventions"), (4) any and all applications for Patent for any such Inventions in any country what course including all provisional country what country wha				
in any country whatsoever, including all provisional, non-provisional, divisional, renewal, substitute, continuation, continuations-in- part, international and convention applications based in whole or in part upon such aforesaid application(s) for Patent and/or such				
Inventions, (5) any and all patents for any such inventions in any country whatsoever, including any and all reexams, reissues and				
extensions of any patent based in whole or in part upon such aforesaid application(s) for Letters Patent and/or such Inventions; (B)				
the entire right to (1) file such applications in its name or in my name, (2) file such applications under the aforesaid international				
Convention or any other treaty or understanding, (3) have said patents granted in its name or mine, the Commissioner of Patents				
and Trademarks of the United States of America and any counterpart in any other patent office being hereby authorized to issue or				
transfer all of said patents to said assignee in accordance herewith, and (4) enforce said patents and to sue for and recover profits				
and damages for any and all infringements thereof, whether past, present or future, to the full end of the term or terms for which				
said patents may be granted, as fully and entirely as the same would have been held and enjoyed by the undersigned without this				
assignment;				
II. Agree, whenever assignee asks, without further compensation but at assignee's expense for actual and reasonable costs incurred,				
(A) to communicate to said assignee, its successors, assigns, and legal representatives, any facts known to me respecting such				
Inventions or the rights described above, (B) to testify in any legal proceeding respecting such inventions or the rights described				
above, the location of that testimony to be in the country in which I reside or in the nearest country in which such testimony is legal				
should my country of residence prohibit such testimony, (C) to execute all applications, papers or instruments necessary or required				
by said assignee, its successors, assigns and legal representatives, to carry into effect any of the provisions of this instrument,				
including petitions, specifications, oaths, assignments, disclaimers, and lawful affidavits in form and substance which may be requested by said assignee and (D) generally to do everything possible to aid said assignee, its successors, assigns, and legal				
representatives to obtain, maintain, defend and enforce patent protection for such inventions and/or secure title to such inventions				
with assignee:				
III. Represent, warrant and covenant that I have the full right and lawful authority to make this assignment, that such assigned right				
is not pre-dated by any grant, license, or other right heretofore given by me to any party other than the assignee hereto;				
IV. Agree that my grants and obligations herein shall also bind all of my heirs, executors, administrators, legal representatives, and				
assigns; and				
V. Agree that an authorized representative of assignee is hereby granted the power to insert in this assignment any further				
identification which may be necessary or desirable to comply with the rules of the U.S. Patent and Trademark Office or the patent				
office of any other country for recordation of this Assignment, including the power to insert on this assignment information				
regarding application number and filing date when known.				
In Witness Whereof, I have executed this Worldwide Assignment on the date indicated by my hand and agree that this Worldwide				
Assignment shall be effective as of the earliest priority date for the aforesaid application(s) for Letters Patent.				
Same to the second seco				
LORI KARYN SCOTT JON KOND SIAM 3/12/2020				
Name of Inventor 5 Signature of Inventor Date				

WORLDWIDE ASSIGNMENT			
I, the undersigned MATTHEW DAVID WALCH, hereby	declare that I am an inventor	of an invention entitled MAIZE HYBRID X90P482	
the subject matter of which is described in the applica	tion for patent (Attorney Dock	et No: 8344-US-NP_)	
M doublestion executed on 2/15/26767			
United States Of America Patent A	pplication Serial No.	, filed on	
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which claim(s) its earliest priority to Application Seri For valuable consideration, the receipt and a	al No.	, filed an	
For valuable consideration, the receipt and a	dequacy of which is hereby ac	cnowledged, and in fulfillment of my pre-existing	
abligation of accimement to accionge, which is hereby	acknowledged, I hereby:		
I. Sell, assign, and transfer unto PIONEER HI-BRED INT	ERNATIONAL, INC., a corporal	ion organized and existing under the laws of the	
State of Iowa in the United States of America and h	aving its principal place of bu	SIUSS SI VIOO MAA OS WASHIRE, LID. DON KATA!	
Johnston, Jowa 50131-1014, herein referred to as the	assignee, and to assignee a av	s) for Letters Patent ("Patent"), (2) any priority	
(A) the entire right, title, and interest in and to: rights derived from such aforesaid application(s) for I	to the autrescip approaching internation	tional Convention for the Protection of Industrial	
Property ("International Convention") and any other	r treaty or understanding fo	r intellectual property for any and all member	
countries of the International Convention or other to	eaty or understanding, includ	ing rights in any and all provisional applications,	
121 and and all of my inventions, whether laint or s	ale, disclosed in such aforesa	d application(s) for Patent, and/or related with	
pricing out of such afarasaid application(s) for Patent	("inventions"), (4) any and a	ill applications for Patent for any such inventions	
In any country whatsopper, including all provisional.	non-provisional, divisional, rei	iemsi, substitute, continuation, continuations in	
more international and convention applications base	i in whole or in part upon suc	n aforesaid application(s) for retent and/or such	
inventions, (5) any and all patents for any such inve	ntions in any country whatso	ever, including any and all reexams, resource and	
extensions of any patent based in whole or in part up	oon such aforesale application	the applications under the aforesaid international	
the entire right to (1) file such applications in its na Convention or any other treaty or understanding, (3	the or in my mame, (2) me switch it	its name or mine, the Commissioner of Patents	
and Trademarks of the United States of America and	any counterpart in any other	patent office being hereby authorized to issue or	
transfer all of said natents to said assignee in accord	ance herewith, and (4) enforce	e said patents and to sue for and recover profits	
and damages for any and all infrincements thereof.	whether past, present or futu	e, to the full end of the term of terms for willer	
said patents may be granted, as fully and entirely as	the same would have been h	eld and enjoyed by the undersigned without this	
accionment.			
II Agree who never assigned asks, without further co	impensation but at assignee's	expense for actual and reasonable costs incurred,	
(A) to communicate to said assignee, its success	ors, assigns, and legal represe	entatives, any facts known to me respecting such	
inventions or the rights described above, (B) to tes	Ify in any legal proceeding re	specting such inventions of the rights described	
shove, the location of that testimony to be in the co- should my country of residence prohibit such testimo	Intry in which I reside of ill an	one papers or instruments necessary or regulfed	
by said assignee, its successors, assigns and legal in	my, (c) to execute an applications of the carry into	effect any of the provisions of this instrument,	
including petitions, specifications, oaths, assignment	ate discipliners, and lawful	offidavits in form and substance which may be	
of villagence (0) has agraiged bles we hatsounce	o everything possible to aid	said assignee, its successors, assigns, and legal	
representatives to obtain, maintain, defend and enfo	rce patent protection for such	inventions and/or secure title to such inventions	
and the confirmation of th			
III Represent, warrant and covenant that I have the	full right and lawful authority	to make this assignment, that such assigned right	
is not pro-dated by any grant, license, or other right	heretolore given by me to any	barry other than the assisting tierero?	
IV. Agree that my grants and obligations herein sha	ll also bind all of my heirs, exe	icutors, administrators, legai representatives, and	
essigns; and	items to beautiful mounted the	nower to locart in this assignment any further	
V. Agree that an authorized representative of as	a camply with the rules of th	PILS Patent and Trademark Office or the patent	
identification which may be necessary or desirable to comply with the rules of the U.S. Patent and Trademark Office or the patent office of any other country for recordation of this Assignment, including the power to insert on this assignment information			
regarding application number and filing date when k	nown.		
In Witness Whereof, I have executed this Worldwic	e Assignment on the date ind	icated by my hand and agree that this Worldwide	
Assignment shall be effective as of the earliest priori	y date for the aforesaid applies	tion(s) for Letters Patent.	
Section Section Control Contro			
	Ma . 1 1 1	2/10/2020	
MATTHEW DAVID WALCH	Washw Work	27 5-7 6-20	
Name of Inventor 6	Signature of inventor	Date	

RECORDED: 11/02/2020

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