10/06/2021 506907626

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT6954451

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
USHAN ALAHAKOON	08/30/2021
IGOR FALAK	08/30/2021
DARYOUSH FEKRI	09/07/2021
CHADWICK BRUCE KOSCIELNY	08/27/2021
SCOTT MCCLINCHEY	09/01/2021
DANIEL JOSEPH STANTON	09/07/2021

RECEIVING PARTY DATA

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

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	17477966

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@pioneer.com

PIONEER HI-BRED INTERNATIONAL, INC. **Correspondent Name:**

Address Line 1: 7250 NW 62ND AVENUE

Address Line 2: PO BOX 552

Address Line 4: JOHNSTON, IOWA 50131-0552

ATTORNEY DOCKET NUMBER:	8862-US-NP
NAME OF SUBMITTER:	LYNDA M FITZPATRICK
SIGNATURE:	/lmfitzpatrick/
DATE SIGNED:	10/06/2021

Total Attachments: 6source=20210917_8862-US-NP_18GG0453L_Executed_Assignments#page1.tif source=20210917_8862-US-NP_18GG0453L_Executed_Assignments#page2.tif source=20210917_8862-US-NP_18GG0453L_Executed_Assignments#page3.tif

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WORLDWIDE ASSIGNMENT

	N, hereby declare that I am an inventor of an d in the application for patent (Attorney Docke		8GG0453L
declaration executed on			
	Patent Application Serial No.	, filed on	,
PCT Application Serial No.			······'
which claim(s) its earliest priority to A	filed on	, filed on	
For valuable consideration, the	e receipt and adequacy of which is hereby ack		re-evicting
	which is hereby acknowledged, I hereby:	nowiedged, and in tollimbert of my pr	C. DYGHUB
I. Sell, assign, and transfer unto PIONEI State of Iowa in the United States of Johnston, Iowa 50131-1014, herein refu (A) the entire right, title, and interights derived from such aforesaid app Property ("International Convention") countries of the International Convent (3) any and all of my inventions, whe arising out of such aforesaid applicatio in any country whatsoever, including a part, international and convention app inventions, (5) any and all patents for extensions of any patent based in who the entire right to (1) file such applications.	ER HI-BRED INTERNATIONAL, INC., a corporation America and having its principal place of bus serred to as the assignee, and to assignee's such rest in and to: (1) the aforesaid application(s) lication(s) for Patent by virtue of the Internation and any other treaty or understanding, including the joint or sole, disclosed in such aforesaid in such aforesaid in provisional, non-provisional, divisional, reneallications based in whole or in part upon such any such Inventions in any country whatsoes le or in part upon such aforesaid application(s) tions in its name or in my name, (2) file such lerstanding, (3) have said patents granted in	iness at 7100 NW 62 nd Avenue, P.O. cessors and assigns, b) for Letters Patent ("Patent"), (2) are ional Convention for the Protection of intellectual property for any and along rights in any and all provisional application(s) for Patent, and/or relapplications for Patent for any such lewal, substitute, continuation, continuation, continuation, aforesaid application(s) for Patent are ver, including any and all reexams, relapplications under the aforesaid Interpretations under the aforesaid Interpretations.	Box 1014, ny priority f Industrial Il member plications, ated to or inventions uations-in- ind/or such issues and ations; (B) ternational
and Trademarks of the United States of transfer all of said patents to said assign and damages for any and all infringements and patents may be granted, as fully a assignment;	of America and any counterpart in any other pagnee in accordance herewith, and (4) enforce tents thereof, whether past, present or future and entirely as the same would have been he nout further compensation but at assignee's expect the same would have been here.	atent office being hereby authorized to said patents and to sue for and record, to the full end of the term or terms and and enjoyed by the undersigned with	to issue or ver profits for which ithout this
(A) to communicate to said assign inventions or the rights described above, the location of that testimony t should my country of residence prohib by said assignee, its successors, assig including petitions, specifications, oar requested by said assignee and (D) §	ee, its successors, assigns, and legal represence, (B) to testify in any legal proceeding reso be in the country in which I reside or in the it such testimony, (C) to execute all applications and legal representatives, to carry into eiths, assignments, disclaimers, and lawful afgenerally to do everything possible to aid safend and enforce patent protection for such I	ntatives, any facts known to me respet pecting such inventions or the rights nearest country in which such testimons, papers or instruments necessary offect any of the provisions of this infidavits in form and substance which aid assignee, its successors, assigns,	described described ony is legal or required astrument, th may be and legal
is not pre-dated by any grant, license, of IV. Agree that my grants and obligation assigns; and	hat I have the full right and lawful authority to or other right heretofore given by me to any pa ons herein shall also bind all of my heirs, exec	arty other than the assignee hereto; utors, administrators, legal representa	atives, and
identification which may be necessary office of any other country for recorregarding application number and filing		U.S. Patent and Trademark Office or to ower to insert on this assignment in	the patent iformation
	his Worldwide Assignment on the date indica		Norldwide
Assignment shall be effective as of the	earliest priority date for the aforesaid applicat	tion(s) for Letters Patent.	
USHAN ALAHAKOON	Done	30/08/2021	
Name of Inventor 1	Signature of Inventor	Date	

		WORLDWIDE ASS	<u>IGNMENT</u>		
		eby declare that I am an invent			<u>18GG0453L</u> the
		n the application for patent (Atto	rney Docket No: <u>8862-US</u>	<u>S-NP</u>)	
_		AUGUST 30, 2021			
	Inited States Of America	Patent Application Serial	-	, filed on	
_	CT Application Serial No.	filed (on		
	m(s) its earliest priority to			, filed on	
		he receipt and adequacy of which	•	l, and in fulfillment of	f my pre-existing
-	_	which is hereby acknowledged, I	•	- d 1 2-12 1	
		EER HI-BRED INTERNATIONAL, IN			
		f America and having its principa eferred to as the assignee, and to			, P.O. BOX 1014,
		erest in and to: (1) the aforesaid	_		(2) any priority
		plication(s) for Patent by virtue of			
		") and any other treaty or unde			
		ntion or other treaty or understa	-		
(3) any and	d all of my inventions, wh	nether joint or sole, disclosed in	such aforesaid application	on(s) for Patent, and/	or related to or
		on(s) for Patent ("Inventions"),		-	
		all provisional, non-provisional,			
		oplications based in whole or in p			
		or any such inventions in any cou	-		
	* *	iole or in part upon such aforesai cations in its name or in my nam			
		nderstanding, (3) have said pater			
		of America and any counterpart	_		
		signee in accordance herewith, a			
		ments thereof, whether past, pre			•
said patents	may be granted, as fully	and entirely as the same would	have been held and enjo	yed by the undersign	ned without this
assignment;					
		thout further compensation but a			
		nee, its successors, assigns, and		•	
		pove, (B) to testify in any legal p			-
		to be in the country in which I re		•	
		ibit such testimony, (C) to execut igns and legal representatives, t			•
		aths, assignments, disclaimers,		•	
		generally to do everything pos	· · · · · · · · · · · · · · · · · · ·		•
		defend and enforce patent protect			
· with assigne		• •		·	
III. Represe	nt, warrant and covenant	that I have the full right and law	ful authority to make this	s assignment, that suc	ch assigned right
		, or other right heretofore given b		_	
		ions herein shall also bind all of r	ny heirs, executors, admi	inistrators, legal repr	esentatives, and
assigns; and					
-	-	sentative of assignee is hereby	- ·	-	•
		ry or desirable to comply with the ordation of this Assignment, inc			•
	oplication number and fili		adding the power to ins	sert on this assignin	lent information
•	•	I this Worldwide Assignment on	the date indicated by my	z hand and agree that	t this Worldwide
		e earliest priority date for the afor		-	. and worder
, rootemment	shan oo onoonyo as of th	o carnest priority date for the afor	could application(s) for Li	ottors i atolli,	
		1	·- -	Λ	
_IGC	OR FALAK	America salver and heading		AUGUST 30,21	<u>0</u> 21

Signature of Inventor

Name of Inventor 2

PATENT REEL: 057711 FRAME: 0822

Date

	WORLDWIDE ASSIGNMENT	
		ntion entitled <u>CANOLA HYBRID 18GG0453L</u> the
subject matter of which is described in the a		8862-US-NP)
\boxtimes declaration executed on $9/7$		
United States Of America	Patent Application Serial No.	, filed on,
PCT Application Serial No.	filed on	
which claim(s) its earliest priority to Applic		, filed on
For valuable consideration, the rece	eipt and adequacy of which is hereby ackn	owledged, and in fulfillment of my pre-existing
obligation of assignment to assignee, which i	- · · · · · · · · · · · · · · · · · · ·	
		n organized and existing under the laws of the
		less at 7100 NW 62 nd Avenue, P.O. Box 1014,
Johnston, Iowa 50131-1014, herein referred		
		for Letters Patent ("Patent"), (2) any priority
		nal Convention for the Protection of Industrial ntellectual property for any and all member
		grights in any and all provisional applications,
		application(s) for Patent, and/or related to or
		application(s) for Patent for any such Inventions
		val, substitute, continuation, continuations-in-
	•	foresaid application(s) for Patent and/or such
		er, including any and all reexams, reissues and
	· · · · · · · · · · · · · · · · · · ·	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 understan	nding, (3) have said patents granted in its	name or mine, the Commissioner of Patents
		ent office being hereby authorized to issue or
		aid patents and to sue for and recover profits
		to the full end of the term or terms for which
said patents may be granted, as fully and er	ntirely as the same would have been held	and enjoyed by the undersigned without this
assignment;		
		ense for actual and reasonable costs incurred,
		atives, any facts known to me respecting such
		ecting such Inventions or the rights described
		earest country in which such testimony is legal
		s, papers or instruments necessary or required
		ect any of the provisions of this instrument, lavits in form and substance which may be
		d assignee, its successors, assigns, and legal
		ventions and/or secure title to such Inventions
with assignee;	and emoree patent protection for such in	rentions and or secure true to such inventions
	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		
	- · · · · · · · · · · · · · · · · · · ·	ors, administrators, legal representatives, and
assigns; and	•	, , , , , , , , , , , , , , , , , , , ,
V. Agree that an authorized representativ	ve of assignee is hereby granted the po	wer to insert in this assignment any further
identification which may be necessary or de	sirable to comply with the rules of the U	S. Patent and Trademark Office or the patent
office of any other country for recordation	n of this Assignment, including the pow	ver to insert on this assignment information
regarding application number and filing date	when known.	
In Witness Whereof, I have executed this W	Vorldwide Assignment on the date indicat	ed by my hand and agree that this Worldwide
Assignment shall be effective as of the earlies	st priority date for the aforesaid application	(s) for Letters Patent.
	·	
	DA1 150	$\alpha \alpha \beta \beta \gamma = 1$
DARYOUSH FEKRI	(Xampul Valt)	41+12021
Name of Inventor 3	Signature of Inventor	Date

PATENT **REEL: 057711 FRAME: 0823**

	WORLDWIDE ASSIGNMENT		
I, the undersigned <u>CHADWICK BRUCE KOSCIELNY</u>	, hereby declare that I am an i	nventor of an invention entitled <u>CANOLA HYB</u>	RID
18GG0453L the subject matter of which is describe		Attorney Docket No: <u>8862-US-NP</u>)	
declaration executed on Aug 2	7,2021		
United States Of America Pater	nt Application Serial No.	, filed on,	
PCT Application Serial No.	filed on		
which claim(s) its earliest priority to Application 5	Serial No.	, filed on .	
		cknowledged, and in fulfillment of my pre-exis	ting
obligation of assignment to assignee, which is here	by acknowledged, I hereby:		
I. Sell, assign, and transfer unto PIONEER HI-BRED	INTERNATIONAL, INC., a corpor	ation organized and existing under the laws of	the
State of Iowa in the United States of America and	d having its principal place of b	usiness at 7100 NW 62 nd Avenue, P.O. Box 10	J14,
Johnston, Iowa 50131-1014, herein referred to as t	he assignee, and to assignee's s	uccessors and assigns,	
(A) the entire right, title, and interest in and	to: (1) the aforesaid application	n(s) for Letters Patent <mark>("Patent")</mark> ,(2) any pric	rity
rights derived from such aforesaid application(s) for			
Property ("International Convention") and any o	ther treaty or understanding f	or intellectual property for any and all mem	ıber
countries of the International Convention or othe	r treaty or understanding, inclu	ding rights in any and all provisional application	ons,
(3) any and all of my inventions, whether joint of	or sole, disclosed in such afores	aid application(s) for Patent, and/or related to	o or
arising out of such aforesaid application(s) for Pate			
in any country whatsoever, including all provision	*		
part, international and convention applications ba			
Inventions, (5) any and all patents for any such l			
extensions of any patent based in whole or in part			
the entire right to (1) file such applications in its			
Convention or any other treaty or understanding,	· · ·		
and Trademarks of the United States of America a		- · · · · · · · · · · · · · · · · · · ·	
transfer all of said patents to said assignee in according to the said asp			
and damages for any and all infringements thereo	· · · · · · · · · · · · · · · · · · ·		
said patents may be granted, as fully and entirely	as the same would have been	neid and enjoyed by the undersigned without	this
assignment;		our ance for actual and reasonable costs incur	rod
II. Agree, whenever assignee asks, without further	_	sentatives, any facts known to me respecting s	
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	The state of the s	· · · · · · · · · · · · · · · · · · ·	
by said assignee, its successors, assigns and legi			
including petitions, specifications, oaths, assignr			
requested by said assignee and (D) generally to			
representatives to obtain, maintain, defend and e			
with assignee;	•	,	
III. Represent, warrant and covenant that I have t	he full right and lawful authority	to make this assignment, that such assigned r	right
is not pre-dated by any grant, license, or other right	<u> </u>	•	Ū
IV. Agree that my grants and obligations herein s	= -	· · · ·	and
assigns; and			
V. Agree that an authorized representative of	assignee is hereby granted the	e power to insert in this assignment any fur	ther
identification which may be necessary or desirable	e to comply with the rules of the	ne U.S. Patent and Trademark Office or the pa	tent
office of any other country for recordation of	this Assignment, including the	power to insert on this assignment informa	ition
regarding application number and filing date when	n known.		
In Witness Whereof, I have executed this Worldw	vide Assignment on the date in	licated by my hand and agree that this World	wide
Assignment shall be effective as of the earliest price	ority date for the aforesaid applic	ation(s) for Letters Patent.	
	1 mh	N 27 7 21	
CHADWICK BRUCE KOSCIELNY		Aug 27, 2021	
Name of Inventor 4	Signature of Inventor	Date	

	WORLDWIDE ASSIGNMENT		
, the undersigned \underline{SCOTT} MCCLINCHEY, herel			8GG0453L
the subject matter of which is described in the		No: <u>8862-US-NP</u>)	
\boxtimes declaration executed on $S_{\rho r}$	Hendon 1,2021		
United States Of America	Patent Application Serial No.	, filed on	
PCT Application Serial No.	filed on		
which claim(s) its earliest priority to Applicat		, filed on	
	t and adequacy of which is hereby acknown	wledged, and in fulfillment of my p	re-existing
obligation of assignment to assignee, which is l			_
I. Sell, assign, and transfer unto PIONEER HI-BI	RED INTERNATIONAL, INC., a corporation	n organized and existing under the l	aws of the
State of Iowa in the United States of America	a and having its principal place of busin	ess at 7100 NW 62 nd Avenue, P.O.	Box 1014,
Johnston, Iowa 50131-1014, herein referred to	as the assignee, and to assignee's succe	ssors and assigns,	
(A) the entire right, title, and interest in			
rights derived from such aforesaid application			
Property ("International Convention") and a	ny other treaty or understanding for ir	ntellectual property for any and a	ll member
countries of the International Convention or o	other treaty or understanding, including	rights in any and all provisional ap	plications,
(3) any and all of my inventions, whether join			
arising out of such aforesaid application(s) for			
in any country whatsoever, including all provi			
part, international and convention application	The state of the s		
Inventions, (5) any and all patents for any su	•		
extensions of any patent based in whole or in	• • •		
the entire right to (1) file such applications in			
Convention or any other treaty or understand			
and Trademarks of the United States of Ameri			
transfer all of said patents to said assignee in			
and damages for any and all infringements th			
said patents may be granted, as fully and ent	irely as the same would have been held	and enjoyed by the undersigned w	Tuiout uns
assignment; II. Agree, whenever assignee asks, without fur	ther compensation but at assigned's eve	pense for actual and reasonable cost	e incurred
(A) to communicate to said assignee, its			
Inventions or the rights described above, (B)			
above, the location of that testimony to be in			
should my country of residence prohibit such			
by said assignee, its successors, assigns and			
including petitions, specifications, oaths, ass			
requested by said assignee and (D) general			
representatives to obtain, maintain, defend a			
with assignee;	•		
III. Represent, warrant and covenant that I ha	ave the full right and lawful authority to	make this assignment, that such ass	igned right
is not pre-dated by any grant, license, or other	r right heretofore given by me to any par	ty other than the assignee hereto;	
IV. Agree that my grants and obligations here	ein shall also bind all of my heirs, execut	ors, administrators, legal represent	atives, and
assigns; and			
V. Agree that an authorized representative			
identification which may be necessary or des			
office of any other country for recordation		ver to insert on this assignment in	nformation
regarding application number and filing date v			
In Witness Whereof, I have executed this Wo	orldwide Assignment on the date indicat	ed by my hand and agree that this	Worldwide
Assignment shall be effective as of the earliest	priority date for the aforesaid application	ı(s) for Letters Patent.	
	0 140 00 1		
SCOTT MCCLINCHEY	(Year Under	September (2001)	
Name of Inventor 5	Signature of Inventor	September (, 20d) Date	

	WORLDWIDE ASSIGNMENT		
, the undersigned DANIEL JOSEPH STANTON	<u>l,</u> hereby declare that I am an inven	or of an invention entitled CANOLA HYS	<u>BRID</u>
18GG0453L the subject matter of which is desci		rney Docket No: <u>8862-US-NP</u>)	
declaration executed on Sept	7 2021		
	atent Application Serial No.	, filed on ,	
PCT Application Serial No.	filed on		
which claim(s) its earliest priority to Application	***	, filed on	
Which claim(s) its earliest priority to Application	and adoquacy of which is hereby ackn	owledged, and in fulfillment of my pre-exis	sting
por valuable consideration, the receipt obligation of assignment to assignee, which is h		Swicagea, and in familience of my pro-one	241110
i. Sell, assign, and transfer unto PIONEER HI-BR	ED INTERNATIONAL INC. a corporatio	n arganized and existing under the laws of	f the
State of lowa in the United States of America	and having its principal place of husis	ness at 7100 NW 62 nd Avenue, P.O. Box 1	014.
Johnston, Iowa 50131-1014, herein referred to	as the assignee and to assignee's succ	essors and assigns.	
(A) the entire right, title, and interest in a	and to: (1) the aforesaid application(s)	for Letters Patent ("Patent"). (2) any pri-	ority
rights derived from such aforesaid application	s) for Patent by virtue of the Internation	nal Convention for the Protection of Indus	strial
Property ("International Convention") and an	y other treaty or understanding for	ntellectual property for any and all mer	nber
countries of the International Convention or o	ther treaty or understanding, including	g rights in any and all provisional applicati	lons,
(3) any and all of my inventions, whether join	nt or sole disclosed in such aforesaid	application(s) for Patent, and/or related t	to or
arising out of such aforesaid application(s) for	Patent ("Inventions") (4) any and all	applications for Patent for any such Invent	tions
in any country whatsoever, including all provis	ional non-provisional divisional rene	wal, substitute, continuation, continuation	ıs-in-
part, international and convention applications	c based in whole or in part upon such	aforesaid application(s) for Patent and/or	such
Inventions, (5) any and all patents for any suc	h Inventions in any country whatsoey	er, 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 Internati	ional
Convention or any other treaty or understand	ing (3) have said patents granted in it	s name or mine, the Commissioner of Par	tents
and Trademarks of the United States of American	ra and any counterpart in any other pa	tent office being hereby authorized to issu	ue or
transfer all of said patents to said assignee in	accordance herewith and (4) enforce	said patents and to sue for and recover pr	rofits
and damages for any and all infringements the	ereof whether past, present or future.	to the full end of the term or terms for v	vhich
said patents may be granted, as fully and enti	rely as the same would have been help	and enjoyed by the undersigned without	t this
assignment;	rely as the same would have been here	, and onjoyed by one and ending	
II. Agree, whenever assignee asks, without fur	ther compensation but at assignee's ex	pense for actual and reasonable costs incu	rred,
(A) to communicate to said assignee, its s	uccessors, assigns, and legal represent	atives, any facts known to me respecting	such
Inventions or the rights described above, (B)	to testify in any legal proceeding resu	ecting such inventions or the rights described	ribed
above, the location of that testimony to be in	the country in which I reside or in the r	learest country in which such testimony is	legal
should my country of residence prohibit such t	estimony (C) to execute all application	is, papers or instruments necessary or requ	uired
by said assignee, its successors, assigns and	legal representatives, to carry into ef	fect any of the provisions of this instrum	nent,
including petitions, specifications, oaths, ass	ignments disclaimers and lawful aff	davits in form and substance which ma	y be
requested by said assignee and (D) generally	y to do everything possible to aid sa	id assignee, its successors, assigns, and	legal
representatives to obtain, maintain, defend an	d enforce patent protection for such Ir	ventions and/or secure title to such inven	tions
with assignee;	a cinorec patent protestion in the		
III. Represent, warrant and covenant that I ha	ve 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 pa	rty other than the assignee hereto;	_
IV. Agree that my grants and obligations here	in shall also bind all of my heirs, execu	tors, administrators, legal representatives	, and
assigns; and	in ondir also sind an or my news, execu-		•
V. Agree that an authorized representative	of assignee is hereby granted the po-	ower to insert in this assignment any fu	rther
identification which may be necessary or desi	rable to comply with the rules of the L	J.S. Patent and Trademark Office or the page	atent
office of any other country for recordation	of this Assignment, including the po	wer to insert on this assignment inform	ation
regarding application number and filing date w			
In Witness Whereof, I have executed this Wo		ted by my hand and agree that this World	łwide
in witness whereof, I have executed this wo	nuwhie Assignment on the date males	n(s) for Latters Potent	
Assignment shall be effective as of the earliest	priority date for the aforesaid applicant	ino) for Louota I mont.	
	11A		
DANIER TOODERS OF ANICOM	() () () () () ()	Sept 7 2021	
DANIEL JOSEPH STANTON			
Name of Inventor 6	Signature of Inventor	Date	

RECORDED: 10/06/2021

PATENT

REEL: 057711 FRAME: 0826