504870708 04/16/2018

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
AHARON EYAL	06/01/2011
ROBERT P. JANSEN	05/19/2011

RECEIVING PARTY DATA

Name:	VIRDIA, INC.
Street Address:	1319 HWY 182
City:	RACELAND
State/Country:	LOUISIANA
Postal Code:	70394

PROPERTY NUMBERS Total: 1

Property Type	Number	
Application Number:	15948837	

CORRESPONDENCE DATA

Fax Number: (650)493-6811

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: 650-461-5211
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Correspondent Name: CHRISTINE RICKS
Address Line 1: 650 PAGE MILL ROAD

Address Line 4: PALO ALTO, CALIFORNIA 94304-1050

ATTORNEY DOCKET NUMBER:	39317-736.306	
NAME OF SUBMITTER:	CHRISTINE RICKS	
SIGNATURE:	/Christine Ricks/	
DATE SIGNED:	04/16/2018	

Total Attachments: 2

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PATENT 504870708 REEL: 045553 FRAME: 0688

	PATENT	'ASSIGNMENT		Docket Number 39317-736.831
WHEREAS, the unders				Ducker (Antition) 2421 1-120'921
I. EYAL, Aharon		EN, Robert P.		
Jerusalem, Israel	Collins	ville, Illinois (U.S.)		•
(hereinafter "Inventor(s)). [≒] have invented certain	new and useful improvement	ents in	
		SUGAR CON	POSITIONS	
If or which international application	n application scrial numbe n filed on <u>October 10, 201</u>	r <u>14/385,142</u> was submitted 2; (hereinafter "Application	d on <u>September 12, 2014</u> to 1(s)").	the USPTO as a National Phase entry of an
in and to all embodimen collectively referred to a	ts of the inventions, heret is "Inventions"), and in ar	ofore conceived, made or d	erest in and to said Applical	at 228 Slavton Ave., Danville, VA 24540, tion(s) and the inventions disclosed therein, an r severally, by said Inventor(s) (hereinafter r forms of protection (hereinafter "Patent(s)")
NOW, THER from said Assignee:	EFORE, in consideration	of good and valuable consi	deration acknowledged by s	aid Inventor(s) to have been received in full
and corresponding non-L Property, The Patent Coo the United States, in any filed and any and all Pate	inited States patent application Treaty or other foreign country, or under this granted on any applications are stated on any applications.	ant to etain priority to sale extions and Patent(s), include wise; (c) in and to any and it any international conventional faution which is a divisional	inventions and said Applica ling those filed under the Pa all applications filed and any	ntire right, title and interest (a) in and to said tions: (b) in and to all rights to all United State ris Convention for the Protection of Industrial and all Patent(s) granted on said Inventions in reary, including each and every application or continuation-in-part of any of said ht(s).
Such cooperation by said paths, specifications, decounts and Assignee the right substitute, divisional, conflictions (e) for interfere applications therefor and proceedings, priority continuents) in providing successions.	Inventor conveyed in the line lide inventor (s) shall include in attions or other papers, it title and interest herein a tinuing or additional applace or other priority procumy Patent(s) granted therests, public use proceeding the cooperation shall be proceeded.	office States, foreign count prompt production of pertuand other assistance all to the conveyed: (b) for prosecuting ications covering said Investedings involving said Investedings including without limings, infringement actions and aid for by said Assignce.	ries, or under any internation nent facts and documents, gine extent deemed necessary ag any applications covering and productions; (d) for filing and productions; and (f) for legal production reissues and reexaminad court actions; provided, he	e said Assignee to enjoy to the fullest extent nal convention, agreement, protocol, or treaty, ving of testimony, execution of petitions, or desirable by said Assignee (a) for perfecting said Inventions; (c) for filing and prosecuting secuting applications for reissuance of any said seedings involving said Inventions and any nations, opposition proceedings, cancellation ovever, that the expense incurred by said
3. The apresentatives, and shall	terms and covenants of the be binding upon said Invo	is assignment shall inure to intor(s), their respective he	the benefit of said Assigned rs, legal representatives and	e, its successors, assigns and other legal assigns.
4. Said nderstanding in conflict i	inventor(s) hereby warran terewith.	nt and represent that they he	ave not entered and will not	enter into any assignment, contract, or
5. Said onvention, agreement, pr uccessors, legal represent	olucul, of iteally, be issued	t that any Patent(s) issuing i in the name of the Assign	in the United States, foreign ce, or its successors and assi	n countries, or under any international igns, for the sole use of said Assignee, its
I IUM PUNCTOICS. IL ANY D	itted by law. This instrumen	i is folina la ne illegal ar lii	ieniarannia ilia albas messi	tate of California, without regard to conflict islons shall remain effective and enforceable deemed an original, but all of which together
				Assignee as of the dates written below:
nte: Jane 12011	A.M.1, 0/	····	Date:	Robert P. Jansen
	Aharon Eyál		,	Robert P. Jansen
			· · · · · · · · · · · · · · · · · · ·	
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1. Said Inventor(s) do hereby sell, assign, transfer and convey unto said Assignee the entire right, title and interest (a) in and to said Inventions and said Applications, including the right to claim priority to said Inventions and said Applications; (b) in and to all rights to all United States and Applications, including the right to claim priority to said Inventions and said Applications; (b) in and to all rights to all United States and applications applications and Patentics (c) in and to any and all applications filed and any and all Patentics) granted on said Inventions in the United States, in any foreign country, or under any international convention, agreement, protocol, or treaty, including each and every application filed and any and all Patentics) granted on any application which is a divisional, substitution, continuation, or continuation-in-part of any of said Application(s); and (d) in and to each and every reissue, reexamination, or extensions of any of said Patent(s). 2. Said Inventor(s) hereby covenant and agree to cooperate with said Assignee to enable said Assignee to enjoy to the fullest extent the right, title and interest therein conveyed in the United States, foreign countries, or under any international convention, agreement, protocol, or treaty, saids, specifications, declarations or other papers, and other assistance all to the extent deemed necessary or desirable by said Assignee (a) for perfecting said Inventions and dearments, giving of testimony, execution of petitions, auties, specifications, declarations or other propers, and other assistance all to the extent deemed necessary or desirable by said Assignee (a) for perfecting unbistitute, divisional, continuing or additional applications covering said Inventions; (d) for filing and prosecuting applications for interference or other priority proceedings involving said Inventions; and (f) for legal proceedings involving said and inventions and any periority contests, public use proceedings, involving said inventions; and conten		PATENT ASSIGNMENT		Docket Number 39317-736.831
(thereinaßer "inventor(s))," have invented certain new and useful improvements in SUGAR COMPOSITIONS [25] for which application serial number 142,855,142 was submitted on September 12, 2014 to the USPTO as a National Phase entry of an international application filed on October 10, 2012; (thereinaßer "Application(s)"). WHEREAS, VIrtila, Inc., a corporation of the state of Delaware, having a place of business at 228 Siavton Ave., Danville, VA 24540. (thereinaßer "Assignee"), is destroys to fequifying the entire right, title and file returns to and 4 Application(s) and the inventions, increased therein, and not all embodiments of the inventions, horeofore conseived, whicher jointly or according, by add inventor(s) (hereinaßer "Pacent(s)") thereon granted in the United States, foreign countries, or under any international convention, agreement, protocol, or treat, convention, agreement, protocol, or treat, convention, agreement, protocol, or treaty, including and a protocol protoc	WHEREAS, the undersigned:			
SUGAR COMPOSITIONS If or which application serial number 14/385.142 was submitted on September 12, 2014 to the USPTO as a National Phase entry of an international application filed on October 10, 2012; (hereinafter "Application(s)"). WHEREAS, Virdin, Inc., a corporation of the state of Deliware, having a place of business at 228 Slavton Ave., Danvillo, VA 24549. (hereinafter "Assignee"), is desirous of nequiring the entire right, tille and interest in and to said Applications(s) and the inventions disclosed therein, and in and to all embodiments of the inventions, heretofore conceived, made or discovered, whether jointly or severally, by said Inventor() (hereinafter relations). The pattern of the inventions of the inventions of the inventions, heretofore conceived, made or discovered, whether jointly or severally, by said Inventor() (hereinafter granted in the United States, foreign countries, or under any international convention, agreement, protocol, or treaty. NOW, THEREFORE, in consideration of good and valuable consideration acknowledged by said inventor(s) to have been received in full from said Assignee: 1. Said Inventor(s) do hereby sell, assign, transfer and convey unto said Assignee the entire right, title and interest (a) in and to said and corresponding non-United States pattent applications and Petacol(s), including those filed under the Parts Convention in Protection of Industrial Property. The Patent Coperation Treaty or otherwise; (c) in and to any and all applications in the Parts Convention of Industrial Property. The Patent Coperation Treaty or otherwise; (c) in and to any and all applications and Petacol(s), including those filed and any and all Patent(s) granted on any application and Endos, including the said Assignee to enjoy to the fullest extent be united States in any Portion country, or under any international convention, agreement, protocol, or treaty, believe and doty in and to seek and every replications, except and doty in and on each and every replications, except and doty in		2. JANSEN, Robert P. Collinsville, Illinois (U.S.)		
From the application serial number 14/385,142 was submitted on September 12, 2014 to the USPTO as a National Phase entry of an international application filed on Ostober 10, 2012; (hereinafler "Application(s)"). WHEREAS, Virdia, Inc., a corporation of the state of Delaware, having a place of Pusiness at 228 Sinvton Ave., Danville, VA 24549, the and the state of the inventions, heretofare conceived, made or discovered, whether jointly or severally, be in the inventions of the inventions, heretofare conceived, made or discovered, whether jointly or severally, be inventions of the inventions of the inventions. Heretofare conceived, made or discovered, whether jointly or severally, be invented in the United States, foreign countries, or under any international convention, agreement, protect, or treaty. NOW. THEREPORE, in consideration of good and valuable consideration acknowledged by said inventor(s) to have been received in full from said Assignee: 1. Said Inventor(s) do hereby sell, assign, transfer and convey unto said Assignee the entire right, title and interest (n) in and to said and corresponding non-United States patient applications and patients of the Pratection of the Pratection of Industrial Property. The Patent Cooperation Treaty or otherwise; (c) in and to any and all applications; following non-United States patient applications and Patentic(s), including those filed under the Prate Cooperation Treaty or otherwise; (c) in and to any and all applications filed and any and all Patent(s) granted on any application and Patentic(s) prated on any application and Patentic(s) prated on any application and Patentic(s) prated on any application and prategor country, or under any international convention, agreement, protecto, or treaty, including and (d) in and to each and every replication, except and (d) in and to each and every replication converted to a said Inventions; said inventions; shall include prompt productions of any of said Patent(s). 2. Said Inventor(s) hereby covenant and agree to cooperate	(hereinaster "Inventor(s))," have inv	ented certain new and useful improvem	ents in	
WHEREAS, Virdia, Ine, a corporation of the state of Delaware, having a place of business at 228 Sinvton Ave., Danville, VA 24549, (hereinafler "Assignee"), is desirous of acquiring the entire right, title and interest in and to said Application(s) and the inventions disclosed therein, an nat of all embodiments of title inventions, heretofore conceived, made or discovered, whether jointly or severally, by said inventor(s) (hereinafler "Assignee"), is desirous of acquiring the entire right, title and interest in and to said and placetus, invention's cortificates and other forms of protection (hereinafler "Patent(s)") therefore granted in the United States, foreign countries, or under any international convention, agreement, protocol, or treaty. NOW, THEREPORE, in consideration of good and valuable consideration acknowledged by said Inventor(s) to have been received in full from said Assignee: 1. Said inventor(s) do hereby sell, assign, transfer and convey unto said Assignee the entire right, title and interest (a) in and to said inventions and said Applications, including the right to claim priority to said inventions and said Applications; (b) in and to said inventions and said Applications, including the right to claim priority to said inventions and said Applications; (b) in and to said inventions and said Applications, the luding the right to claim priority to said inventions for the Protection of Industrial Property, The Patent Cooperation Troaty or otherwise; (c) in and to say and all applications filed and any and all Patent(s) granted on any application which is a divisional, substitution, continuation, or continuation, or continuation, and the ludity of the said and property. The Patent Cooperation Troaty or otherwise; (c) in and to say and said applications filed and any and all Patent(s) granted on any application which is a divisional, substitution, continuation, or continuation, or continuation, or continuation, and the said application of the said applications filed and any and all Patent(s) grant		SUGAR CON	APOSITIONS	
in and to all embodiments of the inventions, increasing an entire right, this and interest in and to said Application(s) and the inventions disclosed therein, and in and to all embodiments of the inventions, inventorial contents, and in and to all embodiments of the inventions (inventional contents) and in and to all embodiments of the inventional convention agreement, protocol, or trenty. NOW, THEREFORE, in consideration of good and valuable consideration acknowledged by said Inventor(s) to have been received in full from said Assignee: 1. Said Inventor(s) do hereby sell, assign, transfer and convey unto said Assignee the entire right, title and interest (n) in and to said inventions and said Applications, including the right to claim priority to said Inventions and said Applications; (b) in and to all rights to all United States and corresponding non-United States patent applications and Patent(s), including those filed under the Parts Convention for the Protection of Industrial Property. The Patent Cooperation Treaty or otherwise; (c) in and to any and all peptications filed and any and all Patent(s) granted on any application which is a divisional, substitution, continuation, or continuation-in-part of any of said Application(s); and (d) in and to each and every reissue, reexamination, or extensions of any of said Patents, and all Patents (s) are patiented on any application which is a divisional, substitution, continuation, or continuation-in-part of any of said Patents, and the content of the patents of a patients of the patents of the patients of	international application filed on Oct	serial number <u>14/385,142</u> was submitte t <u>ober 10, 2012;</u> (hereinafter "Applicatio	d on <u>Scotember 12, 2014</u> to the n(s)").	USPTO as a National Phase entry of an
1. Said Inventor(s) do hereby sell, assign, transfer and convey unto said Assignee the entire right, title and interest (a) in and to said inventions and said Applications; holuding the right to claim priority to said inventions and said Applications; (b) in and to all rights to all United States patent applications and Patent(s), including those filed under the Paris Convention for the Protection of Industrial Property. The Patent Cooperation Treaty or otherwise; (c) in and to any and all applications filed and any and all Patent(s) granted on said inventions in the United States, in any foreign country, or under any international convention, agreement, protocol, or treaty, including each and every application filed and any and all Patent(s) granted on any application which is a divisional, substitution, continuation, or continuation—in-part of any of said Application(s), and (d) in and to each and every reissue, reexamination, or extensions of any of said Patent(s). 2. Said Inventor(s) hereby covenant and agree to cooperate with said Assignee to emble said Assignee to enjoy to the fullest extent he right, title and interest herein conveyed in the United States, foreign countries, or under any international convention, agreement, protocol, or treaty, but the coperation by said Inventor(s) shall include prompt production of pertinent facts and documents, giving of testimony, exceution of petitions, such cooperation by said any international convention, agreement, protocol, or treaty, but the cooperation by said inventor(s) the included prompt production of pertinent facts and documents, giving of testimony, exceution of petitions, such cooperation by said uniterest herein conveyed (b) for prosecuting any applications the conventor(s) from the production of pertinents and inventions and assignee the right, title and interest herein conveyed (b) for prosecuting any applications thereof the productions for reissuance of any said attent(s); (e) for interference or other priority proceedings, infringement actions a	in and to all embodiments of the invection thereon granted in the United States,	of acquiring the entire right, title and in entions, herotofore conceived, made or c s"), and in and to any and all patents, in foreign countries, or under any internat	terest in and to said Application discovered, whether jointly or s ventor's certificates and other f ional convention, agreement, p	n(s) and the inventions disclosed therein, and everally, by said Inventor(s) (hereinafter orms of protection (hereinafter "Patent(s)") rotocol, or treaty.
and corresponding non-United States patent applications and Patent(S), including those filed under the Paris Convention for the Protection of Industrial Property, The Patent Cooperation Treaty or otherwise; (c) in and to any and all applications filed and any and all Patent(s) granted on said inventions in the United States, in any foreign country, or under any international convention, agreement, protocol, or treaty, including each and every application filed and any and all Patent(s) granted on said inventions in the United States, in any foreign country, or under any international convention, agreement, protocol, or treaty, including each and every reviseus, reexamination, or extensions of any of said Patent(s). 2. Said Inventor(s) hereby covenant and agree to cooperate with said Assignee to enables said Assignee to enjoy to the fullest extent the right, title and interest herein conveyed in the United States, foreign countries, or under any international convention, agreement, protocol, or treaty, such cooperation by said inventor(s) shall include prompt production of pertinent facts and documents, giving of testimony, execution of petitions, and said assignee the right, title and interest herein conveyed; (b) for prosecuting any applications covering said inventions; (c) for filing and prosecuting unbstitute, divisional, continuing or additional applications covering said inventions; (d) for filing and prosecuting applications for reissuance of any any applications therefor and any Patentic) granted thereon, including without limitation reissues and reexaminations, opposition proceedings, cancellation receedings, ripintly contests, public use proceedings, infringement actions and court actions; provided, however, that the expense incurred by said neventor(s) in providing such cooperation shall be paid for by said Assignee. 3. The terms and covenants of this assignment shall inure to the benefit of said Assignee, its successors, assigns and other legal epresentatives and assigns. For the sole use of said	from said Assignue:	consideration of good and vinnable cons	ideration acknowledged by said	I inventor(s) to have been received in full
increase therein conveyed in the United States, foreign countries, or under any international convention, agreement, protocol, or treaty, buths, specifications, declarations or other papers, and other assistance all to the extent deemed necessary or desirable by said Assignee (a) for perfecting in said Assignee the right, title and interest herein conveyed; (b) for prosecuting any applications covering said inventions; (c) for filing and prosecuting any applications, continuing or additional applications covering said inventions; (d) for filing and prosecuting applications for reissuance of any said inventions; and (f) for legal proceedings involving said inventions; and (f) for legal proceedings finvolving said inventions and any polications therefor and any Patent(s) granted thereon, including without limitation reissues and reexaminations, opposition proceedings, cancellation proceedings, priority contests, public use proceedings, infringement actions and court actions; provided, however, that the expense incurred by said inventor(s) in providing such cooperation shall be paid for by said Assignee. 3. The terms and covenants of this assignment shall inure to the benefit of said Assignee, its successors, assigns and other legal expresentatives, and shall be binding upon said inventor(s), their respective heirs, legal representatives and assigns. 4. Said inventor(s) hereby warrant and represent that they have not entered and will not enter into any assignment, contract, or inderstanding in conflict herewith. 5. Said inventor(s) hereby request that any Patent(s) issuing in the United States, foreign countries, or under any international onvention, agreement, protocol, or treaty, be issued in the name of the Assignee, or its successors and assigns, for the sole use of said Assignee, its necessors, legal representatives and assigns. 6. This instrument will be interpreted and construed in accordance with the laws of the State of California, without regard to conflict flaw principles. If any provision of this i	and corresponding non-United States Property, The Patent Cooperation Tre the United States, in any foreign cour filed and any and all Patent(s) grante	nucing the right to claim priority to said opatent applications and Patent(s), inclu eaty or otherwise; (e) in and to any and hiry, or under any international conventi d on any application which is a division	Inventions and said Application ding those filed under the Paris all applications filed and any a lon, agreement, protocol, or treat, substitution, continuation of the substitution continuation of the substitution of the subst	ins; (b) in and to all rights to all United States Convention for the Protection of Industrial and I Patent(s) granted on said Inventions in any, including each and every application or continuation in part of the Continuation in
4. Said inventor(s) hereby warrant and represent that they have not entered and will not enter into any assignment, contract, or inderstanding in conflict herewith. 5. Said inventor(s) hereby request that any Patent(s) issuing in the United States, foreign countries, or under any international convention, agreement, protocol, or treaty, be issued in the name of the Assignee, or its successors and assigns, for the sole use of said Assignee, its successors, legal representatives and assigns. 6. This instrument will be interpreted and construed in accordance with the laws of the State of California, without regard to conflict flaw principles. If any provision of this instrument is found to be illegal or unenforceable, the other provisions shall remain effective and enforceable of the greatest extent permitted by law. This instrument may be executed in counterparts, each of which is deemed an original, but all of which together constitute one and the same agreement. IN WITNESS WHEREOF, said inventor(s) have executed and delivered this instrument to said Assignce as of the dates written below:	the right, thre and interest herein con- Such cooperation by said inventor(s) ouths, specifications, declarations or a in said Assignee the right, title and in substitute, divisional, continuing or a Patent(s); (e) for interference or other applications therefor and any Patent(s) proceedings, priority contests, public	veyed in the United States, foreign coun shall include prompt production of pert other papers, and other assistance all to terest herein conveyed; (b) for prosecut dditional applications covering said Inversity proceedings involving said Inversity proceedings involving said Inversity proceedings, including without linus proceedings, infringement actions a	tries, or under any internationa inent facts and documents, givi the extent deemed necessary or ing any applications covering sentions; (d) for filing and prose entions; and (f) for legal proceduitation reissues and resymmentation reissues and resymmentation reissues and resymmentation reissues and resymmentation reissues and resymmentation.	I convention, agreement, protocol, or treaty, ng of testimony, execution of petitions, desirable by said Assignee (a) for perfecting aid inventions; (c) for filing and prosecuting cuting applications for reissuance of any said eddings involving said inventions and any proceedings are perfectly these oppositions are said inventions are provided to the control of th
5. Said inventor(s) hereby request that any Patent(s) issuing in the United States, foreign countries, or under any international convention, agreement, protocol, or treaty, be issued in the name of the Assignee, or its successors and assigns, for the sole use of said Assignee, its accessors, legal representatives and assigns. 6. This instrument will be interpreted and construed in accordance with the laws of the State of California, without regard to conflict flaw principles. If any provision of this instrument is found to be illegal or unenforceable, the other provisions shall remain effective and enforceable the greatest extent permitted by law. This instrument may be executed in counterparts, each of which is deemed an original, but all of which together constitute one and the same agreement. IN WITNESS WHEREOF, said inventor(s) have executed and delivered this instrument to said Assignce as of the dates written below:	3. The terms and corepresentatives, and shall be binding t	ovenants of this assignment shall inure t apon said inventor(s), their respective h	o the benefit of said Assignee, eirs, legal representatives and a	its successors, assigns and other legal ssigns.
onvention, agreement, protocol, or treaty, be issued in the name of the Assignee, or its successors and assigns, for the sole use of said Assignee, its accessors, legal representatives and assigns. 6. This instrument will be interpreted and construed in accordance with the laws of the State of California, without regard to conflict flaw principles. If any provision of this instrument is found to be illegal or unenforceable, the other provisions shall remain effective and enforceable of the greatest extent permitted by law. This instrument may be executed in counterparts, each of which is deemed an original, but all of which together constitute one and the same agreement. IN WITNESS WHEREOF, said Inventor(s) have executed and delivered this instrument to said Assignce as of the dates written below:	4. Said inventor(s) understanding in conflict herewith.	hereby warrant and represent that they i	inve not entered and will not en	nter into any assignment, contract, or
I law principles. If any provision of this instrument is found to be illegal or unenforceable, the other provisions shall remain effective and enforceable the greatest extent permitted by law. This instrument may be executed in counterparts, each of which is deemed an original, but all of which together onstitute one and the same agreement. IN WITNESS WHEREOF, said Inventor(s) have executed and delivered this instrument to said Assignce as of the dates written below:	convention, agreement, protocol, or tr	eaty, be issued in the name of the Assig	g in the United States, foreign c nee, or its successors and assig	countries, or under any international ns. for the sole use of said Assignee, its
	of law principles. If any provision of a the greatest extent permitted by law	this instrument is found to be illegal or 7. This instrument may be executed in c	unenforceable, the other provis	ions shall remain effective and enforceable
Ahnron Eyal Date: // May / Salaran Robert P. Jansen	IN WITNESS WHEREOF,	said inventor(s) have executed and deli	vered this instrument to said A	ssignce as of the dates written below:
	Oate: Ahurou Ey	al .	Date: ////////////////////////////////////	Mall Printing
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