

<b>PATENT ASSIGNMENT COVER SHEET</b>
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Electronic Version v1.1  
 Stylesheet Version v1.2

EPAS ID: PAT6804050

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT

**CONVEYING PARTY DATA**

Name	Execution Date
BEEOLOGICS, INC.	12/16/2020

**RECEIVING PARTY DATA**

<b>Name:</b>	GREENLIGHT BIOSCIENCES, INC.
<b>Street Address:</b>	200 BOSTON AVE
<b>Internal Address:</b>	SUITE 1000
<b>City:</b>	MEDFORD
<b>State/Country:</b>	MASSACHUSETTS
<b>Postal Code:</b>	02155

**PROPERTY NUMBERS Total: 20**

Property Type	Number
Application Number:	60996244
Application Number:	12222949
Application Number:	13332430
Application Number:	13932051
Application Number:	61251339
Application Number:	13446557
Application Number:	14606328
Application Number:	15498008
Application Number:	61213086
Application Number:	13318636
Application Number:	14474205
Application Number:	15378513
Application Number:	16125048
Application Number:	14532596
Application Number:	61899772
Application Number:	61913917
Application Number:	62069142
Application Number:	15103685
Application Number:	15571697

PATENT

Property Type	Number
Application Number:	62156751

**CORRESPONDENCE DATA**

**Fax Number:** (407)926-7720

*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:** 4079267726

**Email:** atissue@savvyIPlaw.com

**Correspondent Name:** WOLTER VAN DYKE DAVIS, PLLC

**Address Line 1:** 1900 SUMMIT TOWER BLVD, SUITE 140

**Address Line 4:** ORLANDO, FLORIDA 32810

<b>ATTORNEY DOCKET NUMBER:</b>	16206
<b>NAME OF SUBMITTER:</b>	TIMOTHY H. VAN DYKE
<b>SIGNATURE:</b>	/Timothy H. Van Dyke/
<b>DATE SIGNED:</b>	07/09/2021

**Total Attachments: 7**

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## PATENT ASSIGNMENT

**THIS PATENT ASSIGNMENT**, dated as of December 10, 2020 (this "Assignment"), is made by **BEEOLOGICS, INC.**, having its principal business offices at 800 North Lindbergh Boulevard, St. Louis, Missouri 63167 ("Assignor"), in favor of **GREENLIGHT BIOSCIENCES, INC.**, having its principal business offices at 200 Boston Ave. Suite 1000, Medford, MA 02155 ("Assignee").

**WHEREAS**, Assignor is the owner of the entire right, title and interest in and to the patents and patent applications set forth on Schedule A attached hereto and in and to the inventions disclosed therein (collectively, the "Assigned Patent Rights");

**WHEREAS**, Assignor and Assignee are parties to an Assignment and License Agreement dated as of December 10, 2020 (the "Agreement"), pursuant to which, among other things, Assignor has agreed to assign and deliver to Assignee, and Assignee has agreed to accept, all of Assignor's right, title, and interest in and to the Assigned Patent Rights; and

**WHEREAS**, this Assignment is entered into pursuant to, and as a condition of the closing of the transactions contemplated under, the Agreement.

**NOW, THEREFORE**, for good and valuable consideration acknowledged by Assignor to have been received in full from Assignee and pursuant to the terms of the Agreement, Assignor hereby agrees as follows:

1. Assignor hereby conveys, transfers, assigns, and delivers unto Assignee, absolutely and forever, all of Assignor's right, title, and interest in and to the Assigned Patent Rights, together with all patents issuing on the Assigned Patent Rights, and any reissues, reexaminations, renewals, extensions, substitutions, registrations, confirmations, divisionals, continuations, and continuations-in-part of such patents and Assigned Patent Rights, including any patents and patent applications that claim priority to a common priority document in the priority chain of any of the foregoing, and foreign counterparts of any of the foregoing, and together with all rights to sue for past and future infringement or misappropriation thereof (including the right to sue for pre-issuance royalties), to be used as fully and entirely as such rights would have been held and enjoyed by Assignor had this Assignment not been made.

2. Assignor hereby agrees to execute and deliver such documentation as may be required by any domestic or foreign intellectual property registrar to transfer ownership of the Assigned Patent Rights from Assignor to Assignee and further agrees, without any payment by Assignee other than in reimbursement of reasonable expenses Assignor may incur, to communicate to Assignee, its representatives or agents, any facts relating to the Assigned Patent Rights including evidence for purposes of interference, reexamination, reissue, opposition, litigation or other legal proceedings, whenever requested, and testify in any such proceedings, whenever requested. Assignor hereby also agrees to execute and deliver, as Assignee shall reasonably request, such further assignments, lawful papers and related documents with respect to the Assigned Patent Rights required to make any of the foregoing effective.

3. Notwithstanding any other provisions of this Assignment to the contrary, nothing contained in this Assignment shall in any way supersede, modify, replace, amend, change, rescind, waive, exceed, expand, enlarge, or in any way affect the provisions, including warranties, covenants, agreements, conditions, representations, or in general any of the rights and remedies, or any of the obligations and indemnifications of Assignor or Assignee set forth in the Agreement. This Assignment is intended only to effect the transfer of certain property transferred pursuant to the Agreement and shall be governed entirely in accordance with the terms and conditions of the Agreement.

4. This Assignment shall be binding on, and shall inure to the benefit of, Assignor, Assignee, and their respective successors and/or assigns, and all others acting by, through, with, or under their direction, and all those in privity therewith.

*[signature page follows]*

IN WITNESS WHEREOF, Assignor has caused this Assignment to be executed by its duly authorized representatives effective this 16 day of December, 2020.

BEEOLOGICS, INC.:

By: [Signature]  
Name: Deryck Jeremy Williams  
Title: Director for Beeologics, Inc.

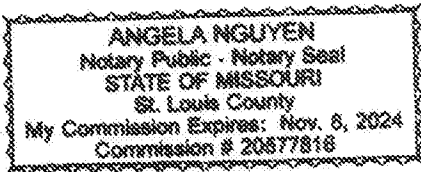
ATTEST:

[Signature]

CERTIFICATE OF ACKNOWLEDGEMENT

I, Angela Nguyen a Notary Public in and for ST. LOUIS, MISSOURI do hereby certify that Deryck Jeremy Williams personally known to me to be the same person(s) whose name(s) is (are) subscribed to the foregoing instrument, appeared before me this day in person and acknowledged that they signed, sealed and delivered the said instrument as a free act and deed on behalf of the identified corporation, BEEOLOGICS, INC., with authority to do so.

IN WITNESS WHEREOF, I have hereunto set my hand and Notarial Seal, this 16<sup>th</sup> day of December 2020.



Notary Public Angela Nguyen  
Commission Expires: 11/06/2024

{SIGNATURE PAGE TO PATENT ASSIGNMENT}

PATENT RESTRICTED  
REEL: 056799 FRAME: 0233

SCHEDULE A

ASSIGNED PATENT RIGHTS

Docket No.	Country	Application No.	Patent No.
CSM58862 AU	Australia	2008325989	2008325989
CSM58862 AU D	Australia	2015200750	2015200750
CSM58862 AU D D	Australia	2017204098	2017204098
CSM58862 BR	Brazil	PI0817367.2	
CSM58862 CA	Canada	2,704,858	2704858
CSM58862 EP	Europe	08847971.2	2222852
CSM58862 EP D	Europe	13156183.9	2706114
CSM58862 EP D01	Europe	13156180.5	2703489
CSM58862 EP D02	Europe	13156185.4	2703490
CSM58862 EP D D	Europe	17184123.2	
CSM58862 EP D01 D	Europe	18207017.7	
CSM58862 EP D01-FR	France	13156180.5	2703489
CSM58862 E-FR	France	08847971.2	2222852
CSM58862 EP D-FR	France	13156183.9	2706114
CSM58862 EP D02-FR	France	13156185.4	2703490
CSM58862 EP D-DE	Germany	13156183.9	2706114
CSM58862 E-DE	Germany	08847971.2	2222852
CSM58862 EP D01-DE	Germany	13156180.5	2703489
CSM58862 EP D02-DE	Germany	13156185.4	2703490
CSM58862 E-HK	Hong Kong	11101987.0	1149047
CSM58862 IN	India	1150/MUMNP/2010	279131
CSM58862 IL	Israel	240416	240416
CSM58862 IL D	Israel	205594	205594
CSM58862 IL D D	Israel	254692	
CSM58862 E-IT	Italy	08847971.2	2222852
CSM58862 EP D02-IT	Italy	13156185.4	2703490
CSM58862 EP D-IT	Italy	13156183.9	2706114
CSM58862 WO	PCT	PCT/IL2008/001440	
CSM58862 ZA	South Africa	201003861	201003861
CSM58862 EP D-TR	Turkey	13156183.9	2706114
CSM58862 EP D02-TR	Turkey	13156185.4	2703490
CSM58862 E-TR	Turkey	08847971.2	2222852
CSM58862 E-GB	United Kingdom	08847971.2	2222852
CSM58862 EP D02-GB	United Kingdom	13156185.4	2703490
CSM58862 EP D-GB	United Kingdom	13156183.9	2706114
CSM58862 EP D01-GB	United Kingdom	13156180.5	2703489
CSM58862 US	United States	60/996,244	
CSM58862 US01	United States	12/222,949	8,097,712

Docket No.	Country	Application No.	Patent No.
CSM58862 US01 N	United States	13/332,430	8,507,457
CSM58862 US01 N N	United States	13/932,051	
CSM58864 PCT-CA	Canada	2,777,448	
CSM58864 PCT-CN	China	201080056585.9	ZL201080056585.9
CSM58864 PCT-CN01 D	China	201510751788.4	
CSM58864 PCT-EP	Europe	10779855.5	2488646
CSM58864 PCT-EP D	Europe	17188342.4	3272869
CSM58864 PCT-E-FR	France	10779855.5	2488646
CSM58864 PCT-EP D-FR	France	17188342.4	3272869
CSM58864 PCT-E-DE	Germany	10779855.5	2488646
CSM58864 PCT-EP D-DE	Germany	17188342.4	3272869
CSM58864 PCT-IL	Israel	219193	219193
CSM58864 PCT-EP D-IT	Italy	17188342.4	3272869
CSM58864 PCT-MX01	Mexico	MX/a/2012/004378	353880
CSM58864 PCT-MX01 D	Mexico	MX/a/2014/000538	
CSM58864 WO	PCT	PCT/IL2010/000844	
CSM58864 PCT-EP D-TR	Turkey	17188342.4	3272869
CSM58864 PCT-E-GB	United Kingdom	10779855.5	2488646
CSM58864 PCT-EP D-GB	United Kingdom	17188342.4	3272869
CSM58864 US	United States	61/251,339	
CSM58864 PCT-AU	Australia	2013248167	
CSM58864 PCT-BR	Brazil	BR1120140255008	
CSM58864 PCT-CA01	Canada	2,869,831	
CSM58864 PCT-CL	Chile	201402751	
CSM58864 PCT-CN01	China	201380031114.6	
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CSM58864 PCT-IN	India	2141/MUMNP/2014	
CSM58864 PCT-IL01	Israel	235023	
CSM58864 PCT-MX	Mexico	MX/a/2014/012364	
CSM58864 PCT-NZ	New Zealand	700791	700791
CSM58864 WO01	PCT	PCT/IL2013/050321	
CSM58864 PCT-RU	Russian Federation	2014144498	2658771
CSM58864 PCT-ZA	South Africa	201407343	201407343
CSM58864 PCT-UA	Ukraine	a2014012247	116206
CSM58864 PCT-US	United States	13/446,557	8,962,584
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Docket No.	Country	Application No.	Patent No.
CSM58864 PCT-US N N	United States	15/498,008	10,801,028
CSM58865 PCT-AU	Australia	2010244122	2010244122
CSM58865 PCT-BR	Brazil	PI 1007708-1	
CSM58865 PCT-CA	Canada	2,760,883	
CSM58865 PCT-EP	Europe	10719620.6	2427180
CSM58865 PCT-E-FR	France	10719620.6	2427180
CSM58865 PCT-E-DE	Germany	10719620.6	2427180
CSM58865 PCT-IN	India	9555/DELNP/2011	312922
CSM58865 PCT-IL	Israel	216154	216154
CSM58865 PCT-MX	Mexico	MX/a/2011/011839	352992
CSM58865 WO	PCT	PCT/IB2010/051980	
CSM58865 PCT-E-GB	United Kingdom	10719620.6	2427180
CSM58865 US	United States	61/213,086	
CSM58865 PCT-US	United States	13/318,636	8,822,426
CSM58865 PCT-US N	United States	14/474,205	9,932,579
CSM60216 AR	Argentina	P140104134	
CSM60216 PCT-AU	Australia	2014341879	2014341879
CSM60216 PCT-AU D	Australia	AU2020257097	
CSM60216 PCT-BR	Brazil	BR112016009963-0	
CSM60216 PCT-CA	Canada	2,929,533	
CSM60216 PCT-CL	Chile	1057-2016	
CSM60216 PCT-CN	China	2014800694294	
CSM60216 PCT-EP	Europe	14800214.0	
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CSM60216 PCT-IL	Israel	245441	245441
CSM60216 PCT-MX	Mexico	MX/A/2016/005778	
CSM60216 PCT-NZ	New Zealand	719544	
CSM60216 WO	PCT	PCT/US2014/063832	
CSM60216 PCT-RU	Russian Federation	2016122053	2694950
CSM60216 PCT-ZA	South Africa	2016/02878	2016/02878
CSM60216 PCT-UA	Ukraine	a 2016 05962	120426
CSM60216 US01 N	United States	15/378,513	10,100,306
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CSM60216 US01	United States	14/532,596	9,540,642
CSM60216 US	United States	61/899,772	
CSM60216 UY	Uruguay	35817	
CSM60220 AR	Argentina	P140104591	
CSM60220 PCT-AU	Australia	2014363992	2014363992
CSM60220 PCT-BR	Brazil	BR112016013387-0	
CSM60220 PCT-CA	Canada	2,933,527	
CSM60220 PCT-CL	Chile	1440-2016	



Docket No.	Country	Application No.	Patent No.
CSM60220 PCT-CN	China	201480074838.3	
CSM60220 PCT-EP	Europe	14821976.9	3080147
CSM60220 PCT-E-FR	France	14821976.9	3080147
CSM60220 PCT-E-DE	Germany	14821976.9	3080147
CSM60220 PCT-IL	Israel	246136	
CSM60220 PCT-E-IT	Italy	14821976.9	3080147
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CSM60220 PCT-NZ	New Zealand	720971	
CSM60220 WO	PCT	PCT/US2014/069353	
CSM60220 PCT-RU	Russian Federation	2016127297	2721248
CSM60220 PCT-ZA	South Africa	2016/03924	
CSM60220 PCT-E-TR	Turkey	14821976.9	3080147
CSM60220 PCT-UA	Ukraine	a 2016 07437	119253
CSM60220 PCT-E-GB	United Kingdom	14821976.9	3080147
CSM60220 US	United States	61/913,917	
CSM60220 US01	United States	62/069,142	
CSM60220 PCT-US	United States	15/103,685	10,557,138
CSM60220 UY	Uruguay	35873	
CSM61478 AR	Argentina	P160101266	
CSM61478 PCT-AU	Australia	2016257871	
CSM61478 PCT-BR	Brazil	BR112017023754-7	
CSM61478 PCT-CA	Canada	2,984,907	
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CSM61478 PCT-CN	China	201680037770.0	
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CSM61478 PCT-IN	India	201717043079	
CSM61478 PCT-IL	Israel	255401	
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CSM61478 PCT-RU	Russian Federation	2017141541	
CSM61478 PCT-ZA	South Africa	2017/07436	2017/07436
CSM61478 PCT-UA	Ukraine	a 2017 11656	
CSM61478 PCT-US	United States	15/571,697	
CSM61478 US	United States	62/156,751	
CSM61478 UY	Uruguay	36.666	

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