PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT6179404

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
JUSSI GILLBERG	06/02/2020
SAMUEL KASKI	06/28/2020
PEKKA MARTTINEN	12/18/2019
HIROSHI MAMITSUKA	12/13/2019

RECEIVING PARTY DATA

Name:	AALTO UNIVERSITY FOUNDATION SR.
Street Address:	PO BOX 11000
City:	AALTO
State/Country:	FINLAND
Postal Code:	00076

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	16624584

CORRESPONDENCE DATA

Fax Number:

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: 203 659 0388

Email: ptomail@gziplaw.com

Correspondent Name: ZIEGLER IP LAW GROUP, LLC.

Address Line 1: 55 GREENS FARMS ROAD

Address Line 4: WESTPORT, CONNECTICUT 06880

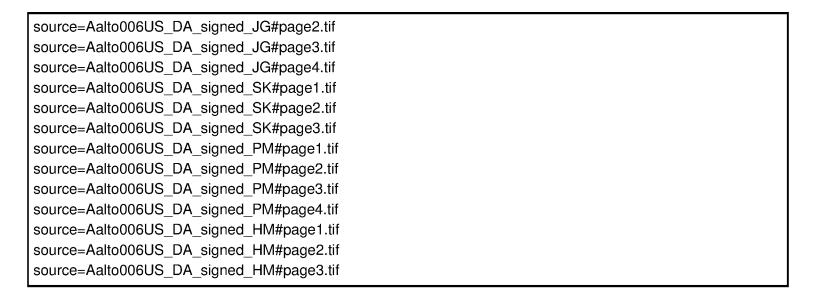
ATTORNEY DOCKET NUMBER: MDAL.5872.USN1	
NAME OF SUBMITTER:	GEZA C. ZIEGLER JR.
SIGNATURE:	/gcz44004/
DATE SIGNED:	06/30/2020
	This document serves as an Oath/Declaration (37 CFR 1.63).

Total Attachments: 14

source=Aalto006US_DA_signed_JG#page1.tif

PATENT REEL: 053090 FRAME: 0198

506132677



COMBINED DECLARATION AND ASSIGNMENT FOR A UTILITY OR DESIGN PATENT APPLICATION

As the below named inventor(s), I/we declare that:

1) This declaration and assignment are directed to:

Title of Invention METHOD AND SYSTEM FOR SELECTING A PLANT VARIETY The specification of which is attached hereto; OR United States application or PCT international application number:

PCT/FI2018/050493	filed on	25 June 2018	
As amended on			(if applicable)

(I/We hereby authorize and request the Company or its designated attorneys, representatives or agents to insert above the title, application number and filing date of the application, or any other information herein, when known.)

- 2) The above-identified application was made or authorized to be made by me/us.
- 3) I/We believe that I/we are the original and/or joint inventors of a claimed invention in the application.
- 4) I/We hereby acknowledge that any willful false statement made in this declaration is punishable under 18 U.S.C. §1001 by fine or imprisonment of not more than five (5) years, or both.
- 5) I/We have reviewed and understand the contents of the above-identified application, including the claims, as amended by any amendment referred to above.
- 6) I/We acknowledge the continuing duty to disclose to the United States Patent and Trademark Office all information known to us to be material to patentability of this application, as defined in Title 37, Code of Federal Regulations, Section 1.56, including, for continuation-in-part applications, material information which becomes available between the filing date of the prior application and the filing date of the continuation-in-part application.

1 | Page

ZIEGLER IP LAW GROUP LLC

Authorization To Permit Access To Application by Participating Office

If checked, the undersigned hereby grants the USPTO authority to provide the European Patent Office (EPO), the Japan Patent Office (JPO), the Korean Intellectual Property Office (KIPO), the World Intellectual Property Office (WIPO), and any other intellectual property offices in which a foreign application claiming priority to the above-identified patent application is filed access to the above-identified patent application. See 37 CFR 1.14(c) and (h). This box should not be checked if the applicant does not wish the EPO, JPO, KIPO, WIPO, or other intellectual property office in which a foreign application claiming priority to the above-identified patent application is filed to have access to the above-identified patent application. In accordance with 37 CFR 1.14(h)(3), access will be provided to a copy of the above-identified patent application with respect to: 1) the aboveidentified patent application-as-filed; 2) any foreign application to which the above-identified patent application claims priority under 35 U.S.C. 119(a)-(d) if a copy of the foreign application that satisfies the certified copy requirement of 37 CFR 1.55 has been filed in the above-identified patent application; and 3) any U.S. application-as-filed from which benefit is sought in the above-identified patent application. In accordance with 37 CFR 1.14(c), access may be provided to information concerning the date of filing the Authorization to Permit Access to Application by Participating Offices.

OATH:

I/We do hereby declare that all statements made herein of my/our own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

ASSIGNMENT OF RIGHTS:

Whereas, I/we have invented certain new and useful improvements in the Invention identified above and described in the above-identified patent application(s) and/or patent(s) (hereinafter referred to as "Invention"); and,

Whereas I/we desire to assign my above-identified rights, title and interest in the Invention to the Assignee identified herein;

Now, this indenture witnesseth, that for good and valuable consideration, the receipt whereof is hereby acknowledged, I/we,

Inventor(s) (assignor(s))

ZIEGLER IP LAW GROUP LLC

Jussi Gillberg	c/o Aalto University, PO Box 11000, 00076 Aalto, 02150 Espoo, Finland
Samuel Kaski	c/o Aalto University, PO Box 11000, 00076 Aalto, 02150 Espoo, Finland
Pekka Marttinen	c/o Aalto University, PO Box 11000, 00076 Aalto, 02150 Espoo, Finland
Hiroshi Mamitsuka	c/o Aalto University, PO Box 11000, 00076 Aalto, 02150 Espoo, Finland

do hereby assign, sell and transfer to:

Assignee

Name of Company	Address
Aalto University Foundation sr.	PO Box 11000, 00076 Aalto, Finland

herein referred to as the "Company", its successors and assigns, my entire rights, titles and interests in and to the Invention and improvements made or conceived by me/us described the application(s) listed above and in the following table:

Country	Type of Filing	Application Number	Filing Date	Title
FI		20175589	22 June 2017	
WO	PCT	PCT/FI2018/050493	25 June 2018	METHOD AND SYSTEM FOR SELECTING A PLANT VARIETY

(We hereby authorize and request the Company or its delegated attorneys, representatives or agents to insert above the relevant application number, filing date and other information required herein, when known.)

and any and all applications for patent or patents therefrom in any and all countries, including all divisions, continuations, and continuations-in-part, reexaminations, reissues and renewals thereof, and all benefits, rights of priority resulting from the filing of the application(s), and any and all Letters Patent of the United States, and countries foreign thereto, which may be granted or have granted for the Invention, and other benefits accruing or to accrue to us with respect to the filing of applications for patents or securing of patents in the United States and countries foreign thereto, unto the Company;

and I/we hereby authorize and request the Director of the United States Patent and Trademark Office to issue any United States Letters Patent which may issue for the Invention to the Company, as assignee of the whole right, title and interest thereto;

and I/we further agree to, without any further consideration, communicate to the Company or its representatives or nominees any facts known to me/us respecting the Invention and improvements and testify in any legal proceeding, make all rightful oaths, sign and execute all necessary and lawful future documents required or requested for the making and prosecution of any applications of any type for patent, utility model, or other similar rights in all countries including but not limited to, any provisional, non-provisional, continuation, continuation-in-part, divisional, renewal or substitute thereof, for any derivation proceedings relating thereto, and, as to any patents that issue from such applications, for any supplemental examination, derivation proceeding, opposition, post grant review, reissue, re-examination, inter partes review, or extension thereof, and generally do everything possible to aid the Company, its successors, assigns and nominees, to obtain and enforce proper patent protection for the Invention and its improvements in all countries.

Inventor(s) Signature(s)

Name	Signature	Date
Jussi Gillberg	Jussi Gilberg	2.6.2020
Samuel Kaski		
Pekka Marttinen		
Hiroshi Mamitsuka		

As the below named inventor(s), I/we declare that:

COMBINED DECLARATION AND ASSIGNMENT FOR A UTILITY OR DESIGN PATENT APPLICATION

Title of Invention	METHOD AND SYSTEM FOR SELECTING A PLANT VARIETY					
	☐ The specification of whi	ch is attache	ed hereto; OR			
	☐ United States application	n or PCT int	ernational application number	er:		
	PCT/FI2018/050493	filed on	25 June 2018			
	As amended on			(if applicable)		

- 2) The above-identified application was made or authorized to be made by me/us.
- 3) I/We believe that I/we are the original and/or joint inventors of a claimed invention in the application.
- 4) I/We hereby acknowledge that any willful false statement made in this declaration is punishable under 18 U.S.C. §1001 by fine or imprisonment of not more than five (5) years, or both.
- 5) I/We have reviewed and understand the contents of the above-identified application, including the claims, as amended by any amendment referred to above.
- 6) I/We acknowledge the continuing duty to disclose to the United States Patent and Trademark Office all information known to us to be material to patentability of this application, as defined in Title 37, Code of Federal Regulations, Section 1.56, including, for continuation-in-part applications, material information which becomes available between the filing date of the prior application and the filing date of the continuation-in-part application.

Authorization To Permit Access To Application by Participating Office

If checked, the undersigned hereby grants the USPTO authority to provide the European Patent Office (EPO), the Japan Patent Office (JPO), the Korean Intellectual Property Office (KIPO), the World Intellectual Property Office (WIPO), and any other intellectual property offices in which a foreign application claiming priority to the above-identified patent application is filed access to the above-identified patent application. See 37 CFR 1.14(c) and (h). This box should not be checked if the applicant does not wish the EPO, JPO, KIPO, WIPO, or other intellectual property office in which a foreign application claiming priority to the above-identified patent application is filed to have access to the above-identified patent application. In accordance with 37 CFR 1.14(h)(3), access will be provided to a copy of the above-identified patent application with respect to: 1) the above-identified patent application-as-filed; 2) any foreign application to which the above-identified patent application claims priority under 35 U.S.C. 119(a)-(d) if a copy of the foreign application that satisfies the certified copy requirement of 37 CFR 1.55 has been filed in the above-identified patent application; and 3) any U.S. application-as-filed from which benefit is sought in the above-identified patent application. In accordance with 37 CFR 1.14(c), access may be provided to information concerning the date of filing the Authorization to Permit Access to Application by Participating Offices.

ZIEGLER IP LAW GROUP LLC

PATENT

REEL: 053090 FRAME: 0204

OATH:

I/We do hereby declare that all statements made herein of my/our own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

ASSIGNMENT OF RIGHTS:

Whereas, I/we have invented certain new and useful improvements in the Invention identified above and described in the above-identified patent application(s) and/or patent(s) (hereinafter referred to as "Invention"); and,

Whereas I/we desire to assign my above-identified rights, title and interest in the Invention to the Assignee identified herein;

Now, this indenture witnesseth, that for good and valuable consideration, the receipt whereof is hereby acknowledged, I/we,

Inventor(s) (assignor(s))

Name	Address
Jussi Gillberg	c/o Aalto University, PO Box 11000, 00076 Aalto, 02150 Espoo, Finland
Samuel Kaski	c/o Aalto University, PO Box 11000, 00076 Aalto, 02150 Espoo, Finland
Pekka Marttinen	c/o Aalto University, PO Box 11000, 00076 Aalto, 02150 Espoo, Finland
Hiroshi Mamitsuka	c/o Aalto University, PO Box 11000, 00076 Aalto, 02150 Espoo, Finland

do hereby assign, sell and transfer to:

Assignee

Name of Company	Address	
Aalto University Foundation sr.	PO Box 11000, 00076 Aalto, Finland	

herein referred to as the "Company", its successors and assigns, my entire rights, titles and interests in and to the Invention and improvements made or conceived by me/us described the application(s) listed above and in the following table:

Country	Type of Filing	Application Number	Filing Date	Title
FI		20175589	22 June 2017	
				METHOD AND SYSTEM FOR
WO	PCT	PCT/FI2018/050493	25 June 2018	SELECTING A PLANT
				VARIETY

(We hereby authorize and request the Company or its delegated attorneys, representatives or agents to insert above the relevant application number, filing date and other information required herein, when known.)

and any and all applications for patent or patents therefrom in any and all countries, including all divisions, continuations, and continuations-in-part, reexaminations, reissues and renewals thereof, and all

Ziegler IP Law Group LLC

benefits, rights of priority resulting from the filing of the application(s), and any and all Letters Patent of the United States, and countries foreign thereto, which may be granted or have granted for the Invention, and other benefits accruing or to accrue to us with respect to the filing of applications for patents or securing of patents in the United States and countries foreign thereto, unto the Company;

and I/we hereby authorize and request the Director of the United States Patent and Trademark Office to issue any United States Letters Patent which may issue for the Invention to the Company, as assignee of the whole right, title and interest thereto;

and I/we further agree to, without any further consideration, communicate to the Company or its representatives or nominees any facts known to me/us respecting the Invention and improvements and testify in any legal proceeding, make all rightful oaths, sign and execute all necessary and lawful future documents required or requested for the making and prosecution of any applications of any type for patent, utility model, or other similar rights in all countries including but not limited to, any provisional, non-provisional, continuation, continuation-in-part, divisional, renewal or substitute thereof, for any derivation proceedings relating thereto, and, as to any patents that issue from such applications, for any supplemental examination, derivation proceeding, opposition, post grant review, reissue, re-examination, inter partes review, or extension thereof, and generally do everything possible to aid the Company, its successors, assigns and nominees, to obtain and enforce proper patent protection for the Invention and its improvements in all countries.

Inventor(s) Signature(s)

Name	Signature	Date
Jussi Gillberg		
Samuel Kaski	5 /	28.6.2020
Pekka Marttinen		
Hiroshi Mamitsuka		

 $1\ |\ P\ a\ g\ e$

COMBINED DECLARATION AND ASSIGNMENT FOR A UTILITY OR DESIGN PATENT APPLICATION

As the below named inventor(s), I/we declare that: 1) This declaration and assignment are directed to:
Title of Invention METHOD AND SYSTEM FOR SELECTING A PLANT VARIETY
The specification of which is attached hereto; OR
United States application or PCT international application number:
PCT/F12018/050493 filed on 25 June 2018
As amended on (if applicable);
(I/We hereby authorize and request the Company or its designated attorneys, representatives or agents to insert above the title, application number and filing date of the application, or any other information herein, when known.)
 The above-identified application was made or authorized to be made by me/us. I/We believe that I/we are the original and/or joint inventors of a claimed invention in the application. I/We hereby acknowledge that any willful false statement made in this declaration is punishable under 18 U.S.C. §1001 by fine or imprisonment of not more than five (5) years, or both. I/We have reviewed and understand the contents of the above-identified application, including the claims, as amended by any amendment referred to above. I/We acknowledge the continuing duty to disclose to the United States Patent and Trademark Office all information known to us to be material to patentability of this application, as defined in Title 37, Code of Federal Regulations, Section 1.56, including, for continuation-in-part applications, material information which becomes available between the filing date of the prior application and the filing date of the continuation-in-part application.
Authorization To Permit Access To Application by Participating Office
If checked, the undersigned hereby grants the USPTO authority to provide the European Patent Office (EPO), the Japan Patent Office (JPO), the Korean Intellectual Property Office (KIPO), the World Intellectual Property Office (WIPO), and any other intellectual property offices in which a foreign application claiming priority to the above-identified patent application is filed access to the above-identified patent application. See 37 CFR 1.14(c) and (h). This box should not be checked if the applicant does not wish the EPO, JPO, KIPO, WIPO, or other intellectual property office in which a foreign application claiming priority to the above-identified patent application is filed to have access to the above-identified patent application. In accordance with 37 CFR 1.14(h)(3), access will be provided to a copy of the above-identified patent application with respect to: 1) the above-identified patent application-as-filed; 2) any foreign application to which the above-identified patent application claims priority under 35 U.S.C. 119(a)-(d) if a copy of the foreign application that satisfies the certified copy requirement of 37 CFR 1.55 has been filed in the above-identified patent application; and 3) any U.S. application-as-filed from which benefit is sought in the above-identified patent application. In accordance with 37 CFR 1.14(c), access may be provided to information concerning the date of filing the Authorization to Permit Access to Application by Participating Offices.

PATENT REEL: 053090 FRAME: 0207

Ziggige IP Law Group Lic

OATH:

I/We do hereby declare that all statements made herein of my/our own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

ASSIGNMENT OF RIGHTS:

Whereas, I/we have invented certain new and useful improvements in the Invention identified above and described in the above-identified patent application(s) and/or patent(s) (hereinafter referred to as "Invention"); and,

Whereas I/we desire to assign my above-identified rights, title and interest in the Invention to the Assignee identified herein;

Now, this indenture witnesseth, that for good and valuable consideration, the receipt whereof is hereby acknowledged, I/we,

Inventor(s) (assignor(s)) Name	Address	
Jussi Gillberg	c/o Aalto University, PO Box 11000, 00076 Aalto, 02150 Espeo, Finland	
Samuel Kaski	c/o Aalto University, PO Box 11000, 00076 Aalto, 02150 Espoo, Finland	
Pekka Marttinen	c/o Aalto University, PO Box 11000, 00076 Aalto, 02150 Espoo, Finland	
Hiroshi Mamitsuka	c/o Aalto University, PO Box 11000, 00076 Aalto, 02150 Espoo, Finland	

do hereby assign, sell and transfer to:

		12,3	

Nama of Company	Address
wane of Company	PO Boy 11000 00076 Aslto Finland
Aalto University Foundation sr.	PO Box 11000, 00076 Aalto, Finland

herein referred to as the "Company", its successors and assigns, my entire rights, titles and interests in and to the Invention and improvements made or conceived by me/us described the application(s) listed above and in the following table:

T	Country	Type of Filing	Application Number	Filing Date	Title
	FI		20175589	22 June 2017	
سسسب	WO	PCT	PCT/F12018/050493	25 June 2018	METHOD AND SYSTEM FOR SELECTING A PLANT
-					VARIETY

(We hereby authorize and request the Company or its delegated attorneys, representatives or agents to insert above the relevant application number, filing date and other information required herein, when known.)

and any and all applications for patent or patents therefrom in any and all countries, including all divisions, continuations, and continuations-in-part, reexaminations, reissues and renewals thereof, and all

2 Page

Whooler if Law Group ELC

benefits, rights of priority resulting from the filing of the application(s), and any and all Letters Patent of the United States, and countries foreign thereto, which may be granted or have granted for the Invention, and other benefits accruing or to accrue to us with respect to the filing of applications for patents or securing of patents in the United States and countries foreign thereto, unto the Company;

and I/we hereby authorize and request the Director of the United States Patent and Trademark Office to issue any United States Letters Patent which may issue for the Invention to the Company, as assignee of the whole right, title and interest thereto;

and I/we further agree to, without any further consideration, communicate to the Company or its representatives or nominees any facts known to me/us respecting the Invention and improvements and testify in any legal proceeding, make all rightful oaths, sign and execute all necessary and lawful future documents required or requested for the making and prosecution of any applications of any type for patent, utility model, or other similar rights in all countries including but not limited to, any provisional, non-provisional, continuation, continuation-in-part, divisional, renewal or substitute thereof, for any derivation proceedings relating thereto, and, as to any patents that issue from such applications, for any supplemental examination, derivation proceeding, opposition, post grant review, reissue, re-examination, inter partes review, or extension thereof, and generally do everything possible to aid the Company, its successors, assigns and nominees, to obtain and enforce proper patent protection for the Invention and its improvements in all countries.

Inventor(s) Signature(s)

Name	Signature	Date
Jussi Gillberg		
Samuel Kaski		
Pekka Marttinen	DATE:	18 Dec, 2019
Hiroshi Mamitsuka		

COMBINED DECLARATION AND ASSIGNMENT FOR A UTILITY OR DESIGN PATENT APPLICATION

	the below named inventor(s), I/we declare that:
	This declaration and assignment are directed to:
	method and system for selecting a plant variety
	The specification of which is attached hereto; OR
	United States application or PCT international application number:
	PCT/F12018/050493 filed on 25 June 2018
	As amended on (if applicable); (I/We hereby authorize and request the Company or its designated attorneys, representatives or agents to insert above
	(I/We hereby authorize and request the Company or its designated attorneys, representatives or agents to insert above the title, application number and filing date of the application, or any other information herein, when known.)
2)	The above-identified application was made or authorized to be made by me/us.
3)	I/We believe that I/we are the original and/or joint inventors of a claimed invention in the application.
4)	I/We hereby acknowledge that any willful false statement made in this declaration is punishable under 18 U.S.C. §1001 by fine or imprisonment of not more than five (5) years, or both.
5)	I/We have reviewed and understand the contents of the above-identified application, including the claims, as amended by any amendment referred to above.
6)	I/We acknowledge the continuing duty to disclose to the United States Patent and Trademark Office all information known to us to be material to patentability of this application, as defined in Title 37, Code of Federal Regulations, Section 1.56, including, for continuation-in-part applications, material information which becomes available between the filing date of the prior application and the filing date of the continuation-in-part application.
A	thorization To Permit Access To Application by Participating Office
Intapide appropriate to appropriate approp	fice (EPO), the Japan Patent Office (JPO), the Korean Intellectual Property Office (KIPO), the World tellectual Property Office (WIPO), and any other intellectual property offices in which a foreign plication claiming priority to the above-identified patent application is filed access to the above-entified patent application. See 37 CFR 1.14(c) and (h). This box should not be checked if the plicant does not wish the EPO, JPO, KIPO, WIPO, or other intellectual property office in which a reign application claiming priority to the above-identified patent application is filed to have access to a above-identified patent application. In accordance with 37 CFR 1.14(h)(3), access will be provided a copy of the above-identified patent application with respect to: 1) the above-identified patent application-as-filed; 2) any foreign application to which the above-identified patent application claims iority under 35 U.S.C. 119(a)-(d) if a copy of the foreign application that satisfies the certified copy quirement of 37 CFR 1.55 has been filed in the above-identified patent application; and 3) any U.S. application-as-filed from which benefit is sought in the above-identified patent application. In cordance with 37 CFR 1.14(c), access may be provided to information concerning the date of filing the Authorization to Permit Access to Application by Participating Offices.
1	Page ZIEGLER IP LAW GROUP LLC

OATH:

I/We do hereby declare that all statements made herein of my/our own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

ASSIGNMENT OF RIGHTS:

Whereas, I/we have invented certain new and useful improvements in the Invention identified above and described in the above-identified patent application(s) and/or patent(s) (hereinafter referred to as "Invention"); and,

Whereas I/we desire to assign my above-identified rights, title and interest in the Invention to the Assignee identified herein;

Now, this indenture witnesseth, that for good and valuable consideration, the receipt whereof is hereby acknowledged, I/we,

Inventor(s) (assignor(s))

Invertior(3) (assignor(3))		
Name	Address	
Jussi Gillberg	c/o Aalto University, PO Box 11000, 00076 Aalto, 02150 Espoo, Finland	
Samuel Kaski	c/o Aalto University, PO Box 11000, 00076 Aalto, 02150 Espoo, Finland	
Pekka Marttinen	c/o Aalto University, PO Box 11000, 00076 Aalto, 02150 Espoo, Finland	
Hiroshi Mamitsuka	c/o Aalto University, PO Box 11000, 00076 Aalto, 02150 Espoo, Finland	

do hereby assign, sell and transfer to:

Assignee

Name of Company	Address		
Aalto University Foundation st.	PO Box 11000, 00076 Aalto, Finland		

herein referred to as the "Company", its successors and assigns, my entire rights, titles and interests in and to the Invention and improvements made or conceived by me/us described the application(s) listed above and in the following table:

Country	Type of Filing	Application Number	Filing Date	Title
FI		20175589	22 June 2017	
				METHOD AND SYSTEM FOR
WO	PCT	PCT/FI2018/050493	25 June 2018	SELECTING A PLANT
				VARIETY

(We hereby authorize and request the Company or its delegated attorneys, representatives or agents to insert above the relevant application number, filing date and other information required herein, when known.)

2 | Page Ziegler IP Law Group LLC

and any and all applications for patent or patents therefrom in any and all countries, including all divisions, continuations, and continuations-in-part, reexaminations, reissues and renewals thereof, and all benefits, rights of priority resulting from the filing of the application(s), and any and all Letters Patent of the United States, and countries foreign thereto, which may be granted or have granted for the Invention, and other benefits accruing or to accrue to us with respect to the filing of applications for patents or securing of patents in the United States and countries foreign thereto, unto the Company;

and I/we hereby authorize and request the Director of the United States Patent and Trademark Office to issue any United States Letters Patent which may issue for the Invention to the Company, as assignee of the whole right, title and interest thereto;

and I/we further agree to, without any further consideration, communicate to the Company or its representatives or nominees any facts known to me/us respecting the Invention and improvements and testify in any legal proceeding, make all rightful oaths, sign and execute all necessary and lawful future documents required or requested for the making and prosecution of any applications of any type for patent, utility model, or other similar rights in all countries including but not limited to, any provisional, non-provisional, continuation, continuation-in-part, divisional, renewal or substitute thereof, for any derivation proceedings relating thereto, and, as to any patents that issue from such applications, for any supplemental examination, derivation proceeding, opposition, post grant review, reissue, re-examination, inter partes review, or extension thereof, and generally do everything possible to aid the Company, its successors, assigns and nominees, to obtain and enforce proper patent protection for the Invention and its improvements in all countries.

Inventor(s) Signature(s)

Name	Signature	Date
Jussi Gillberg		
Samuel Kaski		
Pekka Marttinen		
Hiroshi Mamitsuka		Dec. 13, 201

ZIEGLER IP LAW GROUP LLC

3 | Page

RECORDED: 06/30/2020