

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
FRIEDRICH KRAGLER	03/18/2019
WENNA ZHANG	10/26/2018
WIM VERELST	11/05/2018
RECEIVING PARTY DATA	
Name:	RIJK ZWAAN ZAADTEELT EN ZAADHANDEL B.V.
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Postal Code:	2678 KX
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	16093772
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ATTORNEY DOCKET NUMBER:	605706: RZW-008US
NAME OF SUBMITTER:	ANDREW T. WILKINS
SIGNATURE:	/Andrew T. Wilkins/
DATE SIGNED:	04/01/2019
Total Attachments: 7	
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ASSIGNMENT

WHEREAS, We, **Friedrich KRAGLER** of Potsdam, Germany, **Wenna ZHANG** of Potsdam, Germany, and **Wim VERELST** of De Lier, Netherlands, have invented certain new and useful inventions, described in the patent application(s) identified in Exhibit A hereto; and

WHEREAS, **RIJK ZWAAN ZAADTEELT EN ZAADHANDEL B.V.**, having its principal place of business at Burgemeester Crezéelaan 40, De Lier 2678 KX, Netherlands, is desirous of acquiring all rights, title, and interest in and to said inventions, said application(s), and in and to any and all Letters Patents which may be granted for or upon said inventions and application(s) in the United States of America and anywhere in the world.

NOW THEREFORE, to all whom it may concern, be it known that for good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, we, **Friedrich KRAGLER**, **Wenna ZHANG**, and **Wim VERELST**, have sold, assigned and transferred, and hereby sell, assign and transfer unto the said **RIJK ZWAAN ZAADTEELT EN ZAADHANDEL B.V.**, the full and exclusive rights, title, and interest, throughout the world, in, to and under the following:

- (a) all inventions as set forth and described, for example, in the patent application specification(s) identified in Exhibit A;
- (b) all patent application(s) identified in Exhibit A;
- (c) any and all patent applications, including Patent Cooperation Treaty (PCT) applications, and any and all applications for utility models, directed to the inventions as set forth and described, for example, in the patent application specification(s) identified in Exhibit A;
- (d) any and all refilings, divisionals, continuations, and continuations-in-part of those patent applications and applications for utility models;
- (e) any and all patents of the United States of America which may issue from any of the above items;
- (f) any and all reissue and reexamination certificates of those patents;

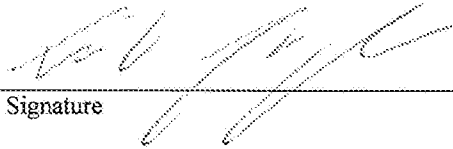
- (g) any and all applications for the inventions filed in any and all countries foreign to the United States of America;
- (h) any and all refilings, divisionals, and continuations of those foreign-filed applications;
- (i) any and all patents, certificates, registrations, and utility models of countries foreign to the United States of America which may issue from those foreign-filed applications, refilings, divisionals, and continuations;
- (j) any and all extensions of, and additions to, the foreign-filed applications and patents, certificates, registrations, utility models, and applications for utility models related thereto;
- (k) the right to claim priority to any of the foregoing; and
- (l) any and all claims, causes of action, and damages for past, present, and future infringement or other unauthorized use of the above items, along with the right to sue and to collect damages and other relief from any and all parties.

We, **Friedrich KRAGLER, Wenna ZHANG, and Wim VERELST**, further agree that we will promptly execute and deliver to **RIJK ZWAAN ZAADTEELT EN ZAADHANDEL B.V.** any and all papers, instruments, and affidavits required to apply for, obtain, maintain, issue, and enforce all of the items listed above.

All of the above shall be held and enjoyed by **RIJK ZWAAN ZAADTEELT EN ZAADHANDEL B.V.**, and its successors and assigns for their own use and benefit, for the full term for which the protections listed above may be granted, and we, **Friedrich KRAGLER, Wenna ZHANG, and Wim VERELST**, authorize and request the Commissioner of Patents and Trademarks of the United States and of all foreign countries to issue any Patents granted for said inventions, whether on an application for said invention set forth in Exhibit A, or on any subsequently filed provisional, non-provisional, divisional, continuation, continuation-in-part, reissue, or other related application, to **RIJK ZWAAN ZAADTEELT EN ZAADHANDEL B.V.** and its successors and assigns, as the assignee of their entire interest in said inventions and applications.

Assignor:

Friedrich KRAGLER



Signature

18th March, 2019

Date: (Day/Month (as a word)/Year)

Friedrich Kragler

Name

Group Leader

Corporate Title

Signed in my presence and acknowledged to be an assignment of the full and exclusive rights, title, and interest, throughout the world, in the inventions and application(s) herein above referred to:

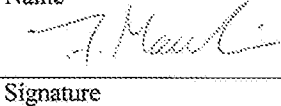
WITNESS

Golm / Germany

Signed At (City/State)

Frank Machin

Name



Signature

18/March/2019

Date: (Day/Month (as a word)/Year)

Assignor:

Wenna ZHANG

Wenna Zhang
Signature

26/October/2018

Date: (Day/Month (as a word)/Year)

Wenna Zhang
Name

Associate Professor
Corporate Title

Signed in my presence and acknowledged to be an assignment of the full and exclusive rights, title, and interest, throughout the world, in the inventions and application(s) herein above referred to:

WITNESS

Beijing/China

Signed At (City/State)

Yongqiang Tian

Name

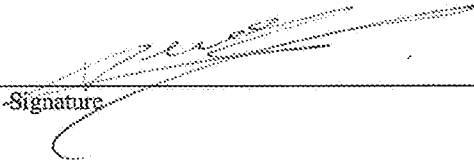
Yongqiang Tian
Signature

26/October/2018

Date: (Day/Month (as a word)/Year)

Assignor:

Wim VERELST


Signature

5 NOVEMBER 2018.
Date: (Day/Month (as a word)/Year)

WIM VERELST.
Name

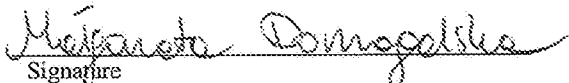
PATENT SPECIALIST R&D.
Corporate Title

Signed in my presence and acknowledged to be an assignment of the full and exclusive rights, title, and interest, throughout the world, in the inventions and application(s) herein above referred to:

WITNESS

ANTWERP, BELGIUM.
Signed At (City/State)


MALGORZATA DOMAGALSKA
Name


Signature

5 NOVEMBER 2018.
Date: (Day/Month (as a word)/Year)

Assignee:

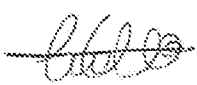
RIJK ZWAAN ZAADTEELT EN ZAADHANDEL B.V.

	
_____ Signature	_____ 19/October/2018 Date: (Day/Month (as a word)/Year)
_____ Bernardus Maria Tax Name	_____ managing director Corporate Title

Signed in my presence and acknowledged to be an assignment of the full and exclusive rights, title, and interest, throughout the world, in the inventions and application(s) herein above referred to:

WITNESS

De Lier
Signed At (City/State)

Linda van Veen
Name


Signature

19/October/2018
Date: (Day/Month (as a word)/Year)

Attorney Docket: 605706: RZW-008US

Exhibit A

Assigned Patent(s)/Patent Application(s)

**U.S. National Phase Patent Application Serial No.: 16/093,772, filed
October 15, 2018, corresponding to International Patent Application
No. PCT/EP2017/059029, filed April 13, 2017**