

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
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EPAS ID: PAT5748215

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
ZACHARY RUSSELL HEINEMAN	10/17/2017
DYLAN HILMER BIRD	10/17/2017
NICHOLAS SCOTT REIMNITZ	10/17/2017
JENS PETER VOGES	10/17/2017
JOHN P. LAIRD	10/17/2017
FONG LIU	10/17/2017
RECEIVING PARTY DATA	
Name:	INTEGRATED ROASTING TECHNOLOGIES, INC.
Street Address:	160 14TH STREET
City:	SAN FRANCISCO
State/Country:	CALIFORNIA
Postal Code:	94103
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	16334169
CORRESPONDENCE DATA	
Fax Number:	(202)842-7899
<i>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.</i>	
Phone:	202-842-7800
Email:	zipatentdocketingmailboxus@cooley.com
Correspondent Name:	COOLEY LLP, ATTN: PATENT GROUP
Address Line 1:	1299 PENNSYLVANIA AVENUE, NW
Address Line 2:	SUITE 700
Address Line 4:	WASHINGTON, D.C. 20004
ATTORNEY DOCKET NUMBER:	INRT-001/02US 328711-2005
NAME OF SUBMITTER:	YUSHAN LUO
SIGNATURE:	/Yushan Luo/
DATE SIGNED:	10/01/2019

Total Attachments: 10

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ASSIGNMENT

Zachary Russell HEINEMAN, residing at 4420 Bridgeview Drive, Oakland, CA 94602
Dylan Hilmer BIRD, residing at 2030 Vallejo Street, Apt. 103, San Francisco, CA 94123

Nicholas Scott REIMNITZ, residing at 340 Fillmore Street, Apt. 4, San Francisco, CA 94117

Jens Peter VOGES, residing at 1735 Vistazo Street W., Tiburon, CA 94920

Fong LIU, residing at 368 Elm Street, Unit 203, San Francisco, CA 94102

John P. LAIRD, residing at 41 Glashaus Loop, Emeryville, CA 94608

(each referred to as "Assignor") have made an invention(s) (the "Invention(s)") set forth in an application for patent of the United States, entitled **SYSTEMS, APPARATUSES, AND METHODS OF SUBSTANCE PROCESSING**, and which is a:

- (1) ☐ provisional application
(a) ☐ to be filed herewith; or
(b) ☐ bearing Application No., and filed on;
- (2) ☐ non-provisional application
(a) ☐ to be filed herewith; or
(b) ☐ bearing Application No. , and filed on ; and/or
- (3) ☒ PCT application
(a) ☒ bearing Application No. **PCT/US2017/052085**, and filed on **September 18, 2017**.

WHEREAS, INTEGRATED ROASTING TECHNOLOGIES, INC., a corporation having its principal place of business at 160 14th Street, San Francisco, CA 94103 its successors, legal representatives and assigns, (the "Assignee"), is desirous of acquiring the entire right, title, and interest in: the Invention(s); the application(s) for patent identified above; the right to file applications for patent of the United States or other countries on the Invention(s); any application(s) for patent of the United States or other countries claiming priority to, and/or the benefit of, these applications; any provisional or other right to recover any and all past, present, and future damages, including royalties, for any and all past, present, and future infringements of these application(s); and any and all patent(s) of the United States or other countries that may be granted therefor or thereon.

NOW, THEREFORE, for good and sufficient consideration, the receipt of which is hereby acknowledged, and to the extent that the Assignor has not done so already via a prior agreement with the Assignee or a predecessor in interest of the Assignee, or if the Assignor has already done so via a prior agreement with the Assignee or a predecessor in interest of the Assignee then in confirmation of any obligation to do so in said prior agreement, the Assignor has sold, assigned, transferred, and set over, and by these presents does sell, assign, transfer, and set over, unto the Assignee, its successors, legal representatives, and assigns, the Assignor's entire right, title, and interest in:

(a) the Invention(s);

(b) the application(s) for patent identified above;

(c) the right to file applications for patent of the United States or other countries on the Invention(s), including all rights under the Hague Convention, the Paris Convention for the Protection of Industrial Property, and under the Patent Cooperation Treaty, and all rights of claiming priority in any country of the world;

(d) any application(s) for patent of the United States or other countries claiming the Invention(s);

(e) any application(s) for patent of the United States or other countries claiming priority to, and/or the benefit of, at least one of the application(s) for patent identified above or any application(s) for patent claiming the Invention(s), including any substitute application(s), division(s), continuation(s), and continuation(s)-in-part;

(f) any provisional or other right to recover any and all past, present, and future damages, including royalties, for any and all past, present, and future infringements of any application for patent identified in the preceding paragraphs (b)-(e) and of any and all patent(s) granted based thereon in the United States and in all other countries; and

(g) any patent(s) of the United States or other countries that may be granted for or on any application for patent identified in the preceding paragraphs (b)-(e), including any reissue(s), reexamination(s), revival(s), renewal(s) and extension(s) of said patent(s).

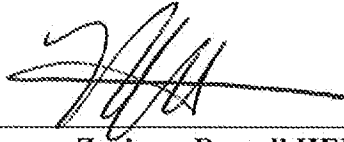
The above-granted rights, titles, and interests are to be held and enjoyed by the Assignee, for its own use and behalf and the use and behalf of its successors, legal representatives, and assigns, as fully and entirely as the same would have been held and enjoyed by the Assignor had this sale and assignment not been made.

The Assignor hereby represents to the Assignee, its successors, legal representatives, and assigns, that, at the time of execution and delivery of these presents, or if applicable, at such time said prior agreement was executed, the Assignor is a lawful owner of an undivided interest in the entire right, title, and interest in and to the Invention(s), that the Invention(s) are unencumbered, except, if applicable, by obligation to assign in accordance with said prior agreement, and that the Assignor has good and full right and lawful authority to sell and convey the same in the manner set forth herein, and that Assignor will not make or enter into any assignment, sale, agreement or encumbrance which would conflict with these presents.

The Assignor hereby covenants and agrees to and with the Assignee, its successors, legal representatives, and assigns, that the Assignor will sign all papers and documents, take all lawful oaths, and do all acts necessary or required to be done in connection with any and all proceedings for the procurement, maintenance, enforcement and defense of the Invention(s), said application(s), and said patent(s), including interference and derivation proceedings, and any post-grant proceedings (e.g., opposition proceedings, post-grant reviews, *Inter partes* reviews, supplemental examinations, etc.) without charge to the Assignee, its successors, legal representatives, and assigns, but at the cost and expense of the Assignee, its successors, legal representatives, and assigns.

The Assignor hereby authorizes and requests the attorneys of COOLEY LLP to insert in the spaces provided above the filing date, the application number, and the attorney docket number of the application(s) identified above when known.

The Assignor hereby requests the Commissioner of Patents to issue said patents of the United States to the Assignee for the sole use and behalf of the Assignee, its successors, legal representatives, and assigns.

Date: 10/17/17 By: 
Zachary Russell HEINEMAN

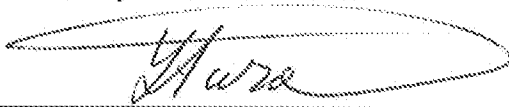
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State of California)
County of San Francisco)^{ss.}

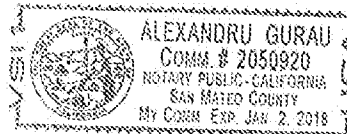
On October 17, 2017, before me, Alexandru Gura,
Notary Public, personally appeared Zachary Russell Heineman,
who proved to me on the basis of satisfactory evidence, to be the person(s) whose
name~~(s)~~ isare subscribed to the within instrument and acknowledged to me that
heshe/they executed the same in hisher/their authorized capacity~~(ies)~~, and that by
hisher/their signature~~(s)~~ on the instrument the person~~(s)~~, or the entity upon behalf of
which the person~~(s)~~ acted, executed the instrument.

REQUIRED SENTENCE IF NOTARIZED IN CALIFORNIA: I certify under
PENALTY OF PERJURY under the laws of the State of California that the foregoing
paragraph is true and correct.

WITNESS my hand and official seal.



Signature of Notary Public



Place Notary Seal Above

My Commission Expires: 01.02.2018

Date: 10/17/2017

By: 
Dylan Hilmer BIRD

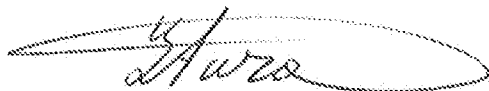
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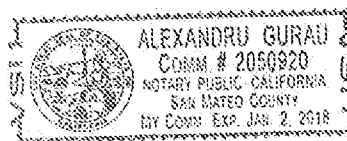
State of California
County of San Francisco ^{ss.}
On October 17, 2017, before me, Alexandru Guran,
Notary Public, personally appeared Dylan Hilmer Bird,

who proved to me on the basis of satisfactory evidence, to be the person(s) whose name~~(s)~~ (is)are subscribed to the within instrument and acknowledged to me that (he)she/they executed the same in (his)her/their authorized capacity~~(ies)~~, and that by (his)her/their signature~~(s)~~ on the instrument the person~~(s)~~, or the entity upon behalf of which the person~~(s)~~ acted, executed the instrument.

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WITNESS my hand and official seal.





Signature of Notary Public

Place Notary Seal Above

My Commission Expires: 01.02.2018

Date: 10/17/2017 By: Nicholas Scott Reimnitz
Nicholas Scott REIMNITZ

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State of California)
County of San Francisco) ss.
On October 17, 2017, before me, Alexandra Gurau,
Notary Public, personally appeared Nicholas Scott Reimnitz,
who proved to me on the basis of satisfactory evidence, to be the person(s) whose
name(s) (is) subscribed to the within instrument and acknowledged to me that
(he) (she) (they) executed the same in (his) (her) (their) authorized capacity(ies), and that by
(his) (her) (their) signature(s) on the instrument the person(s), or the entity upon behalf of
which the person(s) acted, executed the instrument.

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paragraph is true and correct.

WITNESS my hand and official seal.

Alexandra Gurau

Signature of Notary Public



Place Notary Seal Above

My Commission Expires: 01-02-2018

Date: 10/17/17

By: Jens P. Voges
Jens Peter VOGES

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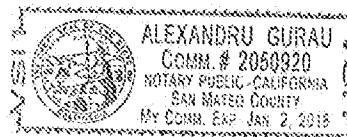
State of California)
County of San Francisco)^{ss.}
On October 17, 2017, before me, Alexandra Gurau,
Notary Public, personally appeared Jens Peter Voges,
who proved to me on the basis of satisfactory evidence, to be the person(s) whose
name(s) ~~(is)~~ are subscribed to the within instrument and acknowledged to me that
~~he~~/she/they executed the same in ~~(his)~~/her/their authorized capacity~~(ies)~~, and that by
~~(his)~~/her/their signature~~(s)~~ on the instrument the person~~(s)~~, or the entity upon behalf of
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WITNESS my hand and official seal.

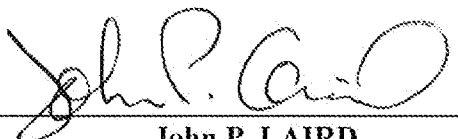
Alexandra Gurau

Signature of Notary Public



Place Notary Seal Above

My Commission Expires: 01.02.2018

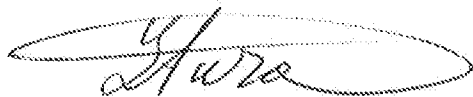
Date: 10/17/2017 By: 
John P. LAIRD

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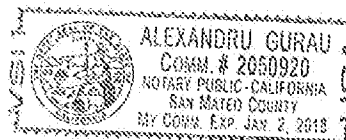
State of California
County of San Francisco ^{ss.}
On October 17, 2017, before me, Alexandru Gurau,
Notary Public, personally appeared John P. Laird,
who proved to me on the basis of satisfactory evidence, to be the person(s) whose
name(s) ~~(is)~~ are subscribed to the within instrument and acknowledged to me that
~~(he)~~ she/they executed the same in ~~(his)~~ her/their authorized capacity(ies), and that by
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Signature of Notary Public



Place Notary Seal Above

My Commission Expires: 01-02-2018

Date: 10/17/17

By: 
Fong LIU

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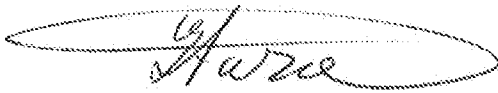
State of California)
County of San Francisco) ss.

On October 17, 2017, before me, Alexandra Gurau,
Notary Public, personally appeared Fong Liu,

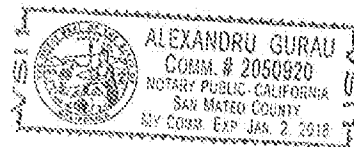
who proved to me on the basis of satisfactory evidence, to be the person(s) whose name(s) (is)are subscribed to the within instrument and acknowledged to me that (he)she/they executed the same in (his)her/their authorized capacity(ies), and that by (his)her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

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WITNESS my hand and official seal.



Signature of Notary Public



Place Notary Seal Above

My Commission Expires: 01.02.2018

For and on behalf of ASSIGNEE:

Date: 10/17/2017 By: [Signature]
Name: Dylan Bird
Title: CEO
Company: Integrated Roasting Technologies, Inc.

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paragraph is true and correct.
WITNESS my hand and official seal.
[Signature]
Signature of Notary Public
Place Notary Seal Above
My Commission Expires: 01-02-2018

